

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.10 SELF PROPELLED

ROSCO, A LeeBoy COMPANY

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A10RS009	CSV	CHIP SPREADER, SELF-PROPELLED, 0' - 16' WIDTH, 3.5 CY HOPPER								\$313,985	D-Off	275 HP	238
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$30.93	\$1.85	\$32.78	\$41.51	\$3.81	\$0.90	\$0.12	\$31.70	\$78.04	\$110.82			
Standby	\$15.47	\$1.85							\$17.32				

A10 0.20 TOWED & TAILGATE

PAVEMENT TECHNOLOGIES INTERNATIONAL

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A10PV001	GS 84	CHIP SPREADER, TAILGATE, 8' WIDE (ADD DUMP TRUCK)								\$3,854	D-Off		7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.51	\$0.02	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.42	\$0.42	\$0.95			
Standby	\$0.26	\$0.02							\$0.28				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.20 TOWED & TAILGATE

SEALMASTER, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A10SE003	R-1 TAILGATE	CHIP SPREADER, TAILGATE, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)	\$26,909	D-Off		30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.59	\$0.16	\$3.75	\$0.00	\$0.00	\$0.00	\$0.00	\$2.93	\$2.93	\$6.68
Standby	\$1.80	\$0.16							\$1.96	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A10SE004	R-1 TOWED	CHIP SPREADER, TOWED, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)	\$30,379	D-Off		30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.05	\$0.19	\$4.24	\$0.00	\$0.00	\$0.00	\$0.00	\$3.31	\$3.31	\$7.55
Standby	\$2.03	\$0.19							\$2.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP001	C185WDZ-T4F	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	\$20,448	D-Off	49	HP	23			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.61	\$0.12	\$1.73	\$7.83	\$0.84	\$0.06	\$0.01	\$1.58	\$10.31	\$12.04
Standby	\$0.81	\$0.12							\$0.93	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP002	HP375WCU-T4F	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$56,680	D-Off	135	HP	44			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.51	\$0.33	\$4.84	\$21.58	\$2.31	\$0.06	\$0.01	\$4.40	\$28.36	\$33.20
Standby	\$2.26	\$0.33							\$2.59	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP003	VHP400WCU-T4F	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)	\$66,113	D-Off	173	HP	52			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.26	\$0.38	\$5.64	\$27.65	\$2.96	\$0.08	\$0.01	\$5.13	\$35.84	\$41.48
Standby	\$2.63	\$0.38							\$3.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP004	HP450WCU-T4F	AIR COMPRESSOR, 450 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$66,113	D-Off	173 HP	52				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.26	\$0.38	\$5.64	\$27.65	\$2.96	\$0.08	\$0.01	\$5.13	\$35.84	\$41.48
Standby	\$2.63	\$0.38							\$3.01	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP012	HP750WCU-T4F	AIR COMPRESSOR, 750 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$105,229	D-Off	266 HP	87				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.37	\$0.61	\$8.98	\$42.52	\$4.55	\$0.13	\$0.02	\$8.17	\$55.39	\$64.37
Standby	\$4.19	\$0.61							\$4.80	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP013	XP825WCU-T4F	AIR COMPRESSOR, 825 CFM, 125 PSI, TRAILER MTD (ADD HOSE)	\$105,229	D-Off	266 HP	87				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.37	\$0.61	\$8.98	\$42.52	\$4.55	\$0.13	\$0.02	\$8.17	\$55.39	\$64.37
Standby	\$4.19	\$0.61							\$4.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
A15DP014	XP1000WCU-T4F	AIR COMPRESSOR, 1,000 CFM, 125 PSI, TRAILER MTD (ADD HOSE)								\$123,698	D-Off	305 HP	105	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.85	\$0.71	\$10.56	\$48.75	\$5.22	\$0.13	\$0.02	\$9.61	\$63.73	\$74.29				
Standby	\$4.93	\$0.71							\$5.64					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
A15DP015	HP915WCU-T4F	AIR COMPRESSOR, 915 CFM, 150 PSI, TRAILER MTD (ADD HOSE)								\$124,820	D-Off	305 HP	105	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.94	\$0.72	\$10.66	\$48.75	\$5.22	\$0.13	\$0.02	\$9.70	\$63.81	\$74.47				
Standby	\$4.97	\$0.72							\$5.69					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
A15DP016	HP1600WCU-T4F	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)								\$221,702	D-Off	536 HP	199	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.67	\$1.28	\$18.95	\$85.67	\$9.18	\$0.17	\$0.02	\$17.24	\$112.28	\$131.23				
Standby	\$8.84	\$1.28							\$10.12					

* - Adjustable Elements

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A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15DP017	P250-T4F	AIR COMPRESSOR, 250 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	\$27,074	D-Off	74	HP	27			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.14	\$0.16	\$2.30	\$11.83	\$1.27	\$0.06	\$0.01	\$2.09	\$15.26	\$17.56
Standby	\$1.07	\$0.16							\$1.23	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX019	50G	AIR COMPRESSOR, 50 CFM, 100 PSI, CART MTD (ADD HOSE)	\$10,487	Gas	21	HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.84	\$0.06	\$0.90	\$5.53	\$0.68	\$0.00	\$0.00	\$0.82	\$7.03	\$7.93
Standby	\$0.42	\$0.06							\$0.48	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX020	60G	AIR COMPRESSOR, 60 CFM, 100 PSI, CART MTD (ADD HOSE)	\$10,564	Gas	18	HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.85	\$0.06	\$0.91	\$4.74	\$0.58	\$0.00	\$0.00	\$0.82	\$6.14	\$7.05
Standby	\$0.43	\$0.06							\$0.49	

* - Adjustable Elements

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A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX021	100D	AIR COMPRESSOR, 100 CFM, 100 PSI, TRAILER MTD (ADD HOSE)								\$15,361	D-Off	21	HP	13
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.21	\$0.09	\$1.30	\$3.36	\$0.36	\$0.06	\$0.01	\$1.18	\$4.96	\$6.26				
Standby	\$0.61	\$0.09							\$0.70					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX028	185D	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)								\$22,172	D-Off	49	HP	23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.75	\$0.13	\$1.88	\$7.83	\$0.84	\$0.06	\$0.01	\$1.71	\$10.45	\$12.33				
Standby	\$0.88	\$0.13							\$1.01					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX030	265D	AIR COMPRESSOR, 265 CFM, 205 PSI, TRAILER MTD (ADD HOSE)								\$46,885	D-Off	104	HP	27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.73	\$0.27	\$4.00	\$16.62	\$1.78	\$0.06	\$0.01	\$3.64	\$22.11	\$26.11				
Standby	\$1.87	\$0.27							\$2.14					

* - Adjustable Elements

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A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX031	300D	AIR COMPRESSOR, 300 CFM, 175 PSI, TRAILER MTD (ADD HOSE)								\$47,306	D-Off	104	HP	41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.76	\$0.27	\$4.03	\$16.62	\$1.78	\$0.06	\$0.01	\$3.67	\$22.14	\$26.17				
Standby	\$1.88	\$0.27							\$2.15					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX032	375D	AIR COMPRESSOR, 375 CFM, 100 PSI, TRAILER MTD (ADD HOSE)								\$47,306	D-Off	104	HP	41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.76	\$0.27	\$4.03	\$16.62	\$1.78	\$0.06	\$0.01	\$3.67	\$22.14	\$26.17				
Standby	\$1.88	\$0.27							\$2.15					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A15XX036	740	AIR COMPRESSOR, 740 CFM, 175 PSI, TRAILER MTD (ADD HOSE)								\$119,769	D-Off	288	HP	78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.56	\$0.69	\$10.25	\$46.03	\$4.93	\$0.06	\$0.01	\$9.32	\$60.36	\$70.61				
Standby	\$4.78	\$0.69							\$5.47					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A15XX037	900	AIR COMPRESSOR, 900 CFM, 125 PSI, TRAILER MTD (ADD HOSE)								\$119,769	D-Off	288 HP	78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.53	\$0.69	\$10.22	\$46.03	\$4.93	\$0.14	\$0.02	\$9.30	\$60.42	\$70.64			
Standby	\$4.77	\$0.69							\$5.46				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A15XX038	1095	AIR COMPRESSOR, 1,095 CFM, 145 PSI, TRAILER MTD (ADD HOSE)								\$122,493	D-Off	327 HP	126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.69	\$0.70	\$10.39	\$52.27	\$5.60	\$0.27	\$0.04	\$9.47	\$67.65	\$78.04			
Standby	\$4.85	\$0.70							\$5.55				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A15XX039	1200	AIR COMPRESSOR, 1,200 CFM, 125 PSI, TRAILER MTD (ADD HOSE)								\$122,493	D-Off	327 HP	126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.65	\$0.70	\$10.35	\$52.27	\$5.60	\$0.38	\$0.05	\$9.44	\$67.74	\$78.09			
Standby	\$4.83	\$0.70							\$5.53				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15SR002	900XHH/1150 XH	AIR COMPRESSOR, 900 CFM @ 350 PSI, 1150 CFM @ 500 PSI, TRAILER MTD (ADD HOSE)	\$289,808	D-Off	540	HP	161			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.11	\$1.67	\$24.78	\$86.31	\$9.24	\$0.19	\$0.03	\$22.55	\$118.32	\$143.10
Standby	\$11.56	\$1.67							\$13.23	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15SR004	185-KUB	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	\$25,420	D-Off	49	HP	22			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.01	\$0.15	\$2.16	\$7.83	\$0.84	\$0.05	\$0.01	\$1.97	\$10.70	\$12.86
Standby	\$1.01	\$0.15							\$1.16	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15SR008	375H	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$67,719	D-Off	122	HP	46			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.39	\$0.39	\$5.78	\$19.50	\$2.09	\$0.06	\$0.01	\$5.26	\$26.92	\$32.70
Standby	\$2.70	\$0.39							\$3.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A15SR009	425H	AIR COMPRESSOR, 425 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	\$71,547	D-Off	157	HP	49			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.70	\$0.41	\$6.11	\$25.09	\$2.69	\$0.06	\$0.01	\$5.56	\$33.41	\$39.52
Standby	\$2.85	\$0.41							\$3.26	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A15SR014	1600H	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$262,679	D-Off	540	HP	191			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.85	\$1.51	\$22.36	\$86.31	\$9.24	\$0.41	\$0.06	\$20.37	\$116.39	\$138.75
Standby	\$10.43	\$1.51							\$11.94	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A15SR015	800HH/900HD PQ	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	\$156,775	D-Off	302	HP	118			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.38	\$0.90	\$13.28	\$48.27	\$5.17	\$0.42	\$0.06	\$12.10	\$66.02	\$79.30
Standby	\$6.19	\$0.90							\$7.09	

* - Adjustable Elements

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A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A15SR018	400HH	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)	\$70,612	D-Off	157	HP	49			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.62	\$0.41	\$6.03	\$25.09	\$2.69	\$0.06	\$0.01	\$5.49	\$33.34	\$39.37
Standby	\$2.81	\$0.41							\$3.22	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A15SR019	E900H (ELECTRIC)	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE) REQUIRES 200KW, 460V, 3P POWER SOURCE	\$120,335	Elec	214	HP	118			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.58	\$0.69	\$10.27	\$18.62	\$7.99	\$0.12	\$0.02	\$9.35	\$36.10	\$46.37
Standby	\$4.79	\$0.69							\$5.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX041	14E	AIR COMPRESSOR, 14 CFM, 80 GAL (ADD HOSE)	\$1,512	Elec	14	HP	7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.11	\$0.01	\$0.12	\$1.22	\$0.52	\$0.00	\$0.00	\$0.09	\$1.83	\$1.95
Standby	\$0.06	\$0.01							\$0.07	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX045	98	AIR COMPRESSOR, 98 CFM, 120 GAL (ADD HOSE)	\$14,930	Elec	30	HP	16			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.06	\$0.08	\$1.14	\$2.61	\$1.12	\$0.00	\$0.00	\$0.84	\$4.57	\$5.71
Standby	\$0.53	\$0.08							\$0.61	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX050	R75-A125	AIR COMPRESSOR, 499 CFM @ 115 PSI, 460 VOLT (ADD PIPING)	\$37,610	Elec	100	HP	16			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.66	\$0.21	\$2.87	\$8.70	\$3.73	\$0.00	\$0.00	\$2.12	\$14.55	\$17.42
Standby	\$1.33	\$0.21							\$1.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A15XX051	2475N7.5-V	AIR COMPRESSOR, 24 CFM, 80 GAL (ADD HOSE)	\$2,941	Elec	7.5	HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.21	\$0.02	\$0.23	\$0.65	\$0.28	\$0.00	\$0.00	\$0.17	\$1.09	\$1.32
Standby	\$0.11	\$0.02							\$0.13	

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A20XX001	3618-0011	AIR HOSE, 0.75", 50', AIR DRILL 500	\$930				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.41	\$0.41	\$0.67
Standby	\$0.13	\$0.01							\$0.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX002	3618-0021	AIR HOSE, 1.00", 100', AIR DRILL 500								\$2,121			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.58	\$0.01	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.95	\$0.95	\$1.54			
Standby	\$0.29	\$0.01							\$0.30				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX003	3618-0031	AIR HOSE, 1.25", 100', AIR DRILL 500								\$2,628			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.71	\$0.02	\$0.73	\$0.00	\$0.00	\$0.00	\$0.00	\$1.17	\$1.17	\$1.90			
Standby	\$0.36	\$0.02							\$0.38				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX004	3618-0041	AIR HOSE, 1.50", 100', AIR DRILL 500								\$3,429			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.93	\$0.02	\$0.95	\$0.00	\$0.00	\$0.00	\$0.00	\$1.53	\$1.53	\$2.48			
Standby	\$0.47	\$0.02							\$0.49				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX005	3618-0051	AIR HOSE, 2.00", 100', AIR DRILL 500								\$4,842			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.31	\$0.03	\$1.34	\$0.00	\$0.00	\$0.00	\$0.00	\$2.16	\$2.16	\$3.50			
Standby	\$0.66	\$0.03							\$0.69				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX006	3618-0205	AIR HOSE, 2.50", 100', AIR DRILL 500								\$5,947			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.61	\$0.04	\$1.65	\$0.00	\$0.00	\$0.00	\$0.00	\$2.65	\$2.65	\$4.30			
Standby	\$0.81	\$0.04							\$0.85				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX007	3618-0215	AIR HOSE, 3.00", 100', AIR DRILL 500								\$7,216			4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.96	\$0.05	\$2.01	\$0.00	\$0.00	\$0.00	\$0.00	\$3.22	\$3.22	\$5.23			
Standby	\$0.98	\$0.05							\$1.03				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM017	24750	SANDBLAST HOSE, 0.75"ID, 100' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY	\$822			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.22	\$0.01	\$0.23	\$0.00	\$0.00	\$0.00	\$0.00	\$0.40	\$0.40	\$0.63
Standby	\$0.11	\$0.01							\$0.12	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM018	23448	SANDBLAST HOSE, 1.00"ID, 50' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY	\$426			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.00	\$0.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.21	\$0.33
Standby	\$0.06	\$0.00							\$0.06	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM019	23453	SANDBLAST HOSE, 1.50"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY	\$1,077			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.53	\$0.53	\$0.83
Standby	\$0.15	\$0.01							\$0.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20CM020	23451	SANDBLAST HOSE, 1.25"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY	\$887			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.00	\$0.00	\$0.00	\$0.44	\$0.44	\$0.69
Standby	\$0.12	\$0.01							\$0.13	

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

BLAST ONE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20B1001	725 CF HOPPER	SANDBLAST ABBRASIVE STORAGE HOPPER, 725 CF, 8' X 10' X 8' BOX WITH 9' DRIVE THROUGH CLEARANCE	\$29,785			60				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.17	\$4.64	\$0.00	\$0.00	\$0.00	\$0.00	\$7.75	\$7.75	\$12.39
Standby	\$2.24	\$0.17							\$2.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CHICAGO PNEUMATIC TOOL CO.

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK001	CP-0014RR	ROTARY / CHIP HAMMER, 15 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)							\$1,522			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.23	\$0.01	\$0.24	\$0.00	\$0.12	\$0.00	\$0.00	\$0.40	\$0.52	\$0.76		
Standby	\$0.12	\$0.01							\$0.13			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK002	CP-0009A	ROTARY / CHIP HAMMER, 8 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)							\$957			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.14	\$0.01	\$0.15	\$0.00	\$0.10	\$0.00	\$0.00	\$0.25	\$0.35	\$0.50		
Standby	\$0.07	\$0.01							\$0.08			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK003	CP-0022	ROCK DRILL, 30 LB, AIR (ADD 50 CFM COMPRESSOR & BIT COSTS)							\$1,633			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.17	\$0.00	\$0.00	\$0.42	\$0.59	\$0.84		
Standby	\$0.12	\$0.01							\$0.13			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CHICAGO PNEUMATIC TOOL CO.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20CK005	CP-0069	ROCK DRILL, 55 LB, AIR (ADD 140 CFM COMPRESSOR & BIT COSTS)								\$2,278			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.34	\$0.01	\$0.35	\$0.00	\$0.19	\$0.00	\$0.00	\$0.59	\$0.78	\$1.13			
Standby	\$0.17	\$0.01							\$0.18				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20CK006	CP-0111-CHLA	BREAKER-FOUR BOLT, 25 LB (ADD 50 CFM COMPRESSOR & BIT COSTS)								\$1,152			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.17	\$0.01	\$0.18	\$0.00	\$0.15	\$0.00	\$0.00	\$0.30	\$0.45	\$0.63			
Standby	\$0.09	\$0.01							\$0.10				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20CK008	CP-1260-S	BREAKER-FOUR BOLT, 60 LB (ADD 65 CFM COMPRESSOR & BIT COSTS)								\$1,174			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.18	\$0.01	\$0.19	\$0.00	\$0.20	\$0.00	\$0.00	\$0.31	\$0.51	\$0.70			
Standby	\$0.09	\$0.01							\$0.10				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CHICAGO PNEUMATIC TOOL CO.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A20CK010	CP-1290-S	BREAKER-FOUR BOLT, 90 LB (ADD 90 CFM COMPRESSOR & BIT COSTS)								\$1,262			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.19	\$0.01	\$0.20	\$0.00	\$0.25	\$0.00	\$0.00	\$0.33	\$0.58	\$0.78			
Standby	\$0.10	\$0.01							\$0.11				

CLEMCO INDUSTRIES CORPORATION

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
A20CM010	21547	SANDBLASTER, 2 CF CAP, W/0.50" D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 100 CFM COMPRESSOR & NOZZLE COST)								\$5,016			4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.75	\$0.03	\$0.78	\$0.00	\$0.15	\$0.00	\$0.00	\$1.30	\$1.45	\$2.23			
Standby	\$0.38	\$0.03							\$0.41				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM011	21548	SANDBLASTER, 4 CF CAP, W/1.00"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 170 CFM COMPRESSOR)	\$5,513			5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.83	\$0.03	\$0.86	\$0.00	\$0.25	\$0.00	\$0.00	\$1.43	\$1.68	\$2.54
Standby	\$0.42	\$0.03							\$0.45	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM012	21549	SANDBLASTER, 6 CF CAP, W/1.25"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)	\$10,457			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.57	\$0.06	\$1.63	\$0.00	\$0.25	\$0.00	\$0.00	\$2.72	\$2.97	\$4.60
Standby	\$0.79	\$0.06							\$0.85	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
A20CM013	25815	SANDBLASTER, 60 CF CAP, W/1.25"D X 100'L HOSE (ADD 450 CFM COMPRESSOR)	\$28,259			30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.16	\$0.16	\$4.32	\$0.00	\$0.35	\$0.08	\$0.01	\$7.23	\$7.67	\$11.99
Standby	\$2.08	\$0.16							\$2.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20CM014	25744	SANDBLASTER, 120 CF CAP, W/1.25"D X 50'L HOSE (ADD 700 CFM COMPRESSOR & NOZZLE COST)	\$31,417			35				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.64	\$0.18	\$4.82	\$0.00	\$0.50	\$0.08	\$0.01	\$8.05	\$8.64	\$13.46
Standby	\$2.32	\$0.18							\$2.50	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20CM015	25743	SANDBLASTER, 160 CF CAP, W/1.25"D X 50'L HOSE (ADD 900 CFM COMPRESSOR & NOZZLE COST)	\$23,308			45				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.42	\$0.13	\$3.55	\$0.00	\$0.50	\$0.08	\$0.01	\$5.94	\$6.53	\$10.08
Standby	\$1.71	\$0.13							\$1.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20CM021	FLEX 2448	SANDBLASTER, WETBLAST, 6CF CAP BLAST MEDIA, 120 GAL H2O CAP, W/1.25"D X 50'L HOSE INCLUDES ALL REQ PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)	\$18,460			16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.77	\$0.11	\$2.88	\$0.00	\$0.00	\$0.00	\$0.00	\$4.80	\$4.80	\$7.68
Standby	\$1.39	\$0.11							\$1.50	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A20XX021	35LB BREAKER	PAVEMENT BREAKER, 35 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)	\$1,692			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.44	\$0.44	\$0.70
Standby	\$0.13	\$0.01							\$0.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX023	60LB BREAKER	PAVEMENT BREAKER, 60 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)								\$1,519			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.23	\$0.01	\$0.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.40	\$0.40	\$0.64			
Standby	\$0.12	\$0.01							\$0.13				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX024	90LB BREAKER	PAVEMENT BREAKER, 90 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)								\$1,824			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.27	\$0.01	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.47	\$0.47	\$0.75			
Standby	\$0.14	\$0.01							\$0.15				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A20XX025	30LB DRILL	ROCK DRILL, DRY, 30 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)								\$2,004			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.30	\$0.01	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.52	\$0.52	\$0.83			
Standby	\$0.15	\$0.01							\$0.16				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A20XX026	37 LBS	BACKFILL TAMPER, 35-40 LB, HAND HELD (ADD 100 CFM COMPRESSOR)		\$1,695				1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.44	\$0.44	\$0.70
Standby	\$0.13	\$0.01							\$0.14	

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A25XX002	2000G	ASPHALT DISTRIBUTOR, 2000 GAL, 400 GPM, TRUCK MTD (INCLUDES 32,000 GVW TRUCK)		\$190,871	D-On	270	HP	150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.94	\$1.10	\$29.04	\$44.44	\$4.76	\$1.08	\$0.15	\$28.83	\$79.25	\$108.29
Standby	\$13.97	\$1.10							\$15.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

ROSCO, A LeeBoy COMPANY

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A25RS006	MAX 3B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 32,000 GVW TRUCK)								\$115,325			70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.30	\$0.67	\$17.97	\$0.00	\$1.16	\$0.00	\$0.00	\$17.81	\$18.97	\$36.94			
Standby	\$8.65	\$0.67							\$9.32				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
A25RS008	MAX 2B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 42,000 GVW TRUCK)								\$112,276			97
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.84	\$0.65	\$17.49	\$0.00	\$1.80	\$0.00	\$0.00	\$17.33	\$19.13	\$36.62			
Standby	\$8.42	\$0.65							\$9.07				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A30BO001	CR352	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 458 FT/MIN MAX PAVING SPEED, WHEEL, 165 CF HOPPER	\$540,843		D-Off 160	HP	319			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.39	\$3.09	\$59.48	\$24.15	\$2.59	\$2.28	\$0.31	\$72.51	\$101.84	\$161.32
Standby	\$28.20	\$3.09							\$31.29	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A30BO002	CR362	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 250 FT/MIN MAX PAVING SPEED, CRAWLER, 165 CF HOPPER	\$549,183		D-Off 160	HP	346			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.35	\$3.13	\$61.48	\$24.15	\$2.59	\$0.00	\$0.00	\$74.81	\$101.55	\$163.03
Standby	\$29.18	\$3.13							\$32.31	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A30BO003	CR452	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 305 FT/MIN MAX PAVING SPEED, WHEEL, 219 CF HOPPER	\$620,460		D-Off 220	HP	385			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.36	\$3.54	\$67.90	\$33.21	\$3.56	\$4.03	\$0.54	\$82.82	\$124.16	\$192.06
Standby	\$32.18	\$3.54							\$35.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30BO004	CR462	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 219 CF HOPPER	\$668,276	D-Off	225 HP		426			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.00	\$3.81	\$74.81	\$33.97	\$3.64	\$0.00	\$0.00	\$91.04	\$128.64	\$203.45
Standby	\$35.50	\$3.81							\$39.31	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30BO005	CR552	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 313 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	\$635,802	D-Off	260 HP		414			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$66.60	\$3.63	\$70.23	\$39.25	\$4.20	\$1.86	\$0.25	\$85.58	\$131.14	\$201.37
Standby	\$33.30	\$3.63							\$36.93	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30BO006	CR562	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 267 CF HOPPER	\$678,550	D-Off	260 HP		444			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.10	\$3.87	\$75.97	\$39.25	\$4.20	\$0.00	\$0.00	\$92.44	\$135.89	\$211.86
Standby	\$36.05	\$3.87							\$39.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30BO007	CR652RX	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 426 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	\$786,161	D-Off	260	HP	441			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$82.58	\$4.49	\$87.07	\$39.25	\$4.20	\$1.86	\$0.25	\$106.06	\$151.62	\$238.69
Standby	\$41.29	\$4.49							\$45.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30BO008	CR662RM	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 225 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	\$1,012,466	D-Off	260	HP	441			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$106.72	\$5.78	\$112.50	\$39.25	\$4.20	\$1.73	\$0.23	\$136.99	\$182.40	\$294.90
Standby	\$53.36	\$5.78							\$59.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	
A30CA001	AP500F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, WHEEL, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$389,788	D-Off	142 HP	286
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$41.02	\$2.22	\$43.24	\$21.44	\$2.30	\$1.36	\$0.18	\$52.67	\$77.96	\$121.20		
Standby	\$20.51	\$2.22							\$22.73			
CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	
A30CA002	AP-600F	ASPHALT PAVER, UP TO 21' 4" WIDTH, PAVEMASTER SCREED, WHEEL, 250 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$499,138	D-Off	173 HP	299
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$51.74	\$2.85	\$54.59	\$26.12	\$2.80	\$3.93	\$0.53	\$66.59	\$99.97	\$154.56		
Standby	\$25.87	\$2.85							\$28.72			
CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	
A30CA003	AP-555F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$404,223	D-Off	142 HP	300
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$42.95	\$2.31	\$45.26	\$21.44	\$2.30	\$0.00	\$0.00	\$55.07	\$78.80	\$124.06		
Standby	\$21.48	\$2.31							\$23.79			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A30CA004	AP255EQ	ASPHALT PAVER, 1.5' - 10' PAVING WIDTH, UP TO 8" PAVING THICKNESS, CRAWLER, 109 CF HOPPER	\$143,324	D-Off	46	HP	99			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.23	\$0.82	\$16.05	\$6.94	\$0.74	\$0.00	\$0.00	\$19.52	\$27.21	\$43.26
Standby	\$7.62	\$0.82							\$8.44	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A30CA008	AP-1000F	ASPHALT PAVER, 10' - 19.5' WIDE PAVEMASTER SCREED, WHEEL, 267 CF HOPPER	\$524,248	D-Off	225	HP	343			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.69	\$2.99	\$57.68	\$33.97	\$3.64	\$2.99	\$0.40	\$70.31	\$111.31	\$168.99
Standby	\$27.35	\$2.99							\$30.34	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
A30CA013	AP-655F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 250 CF HOPPER	\$472,180	D-Off	175	HP	348			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.17	\$2.69	\$52.86	\$26.42	\$2.83	\$0.00	\$0.00	\$64.32	\$93.57	\$146.43
Standby	\$25.09	\$2.69							\$27.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30CA016	AP-1055F	ASPHALT PAVER, UP TO 19.5' WIDE SCREED, CRAWLER, 267 CF HOPPER	\$658,346	D-Off	225	HP	368			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$69.95	\$3.76	\$73.71	\$33.97	\$3.64	\$0.00	\$0.00	\$89.68	\$127.29	\$201.00
Standby	\$34.98	\$3.76							\$38.74	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30CA024	AP300F	ASPHALT PAVER, 5.75' - 11.25' PAVING WIDTH, WHEEL, 135 CF HOPPER	\$201,933	D-Off	74	HP	177			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.79	\$1.15	\$21.94	\$11.17	\$1.20	\$2.22	\$0.30	\$26.79	\$41.68	\$63.62
Standby	\$10.40	\$1.15							\$11.55	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30CA025	AP355F	ASPHALT PAVER, 5.75'-11.2' PAVING WIDTH, CRAWLER, 135CF HOPPER	\$236,609	D-Off	74	HP	189			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.14	\$1.35	\$26.49	\$11.17	\$1.20	\$0.00	\$0.00	\$32.23	\$44.60	\$71.09
Standby	\$12.57	\$1.35							\$13.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

GEHL COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30GC002	1448	ASPHALT PAVER, 4'-12' WIDE SCREED, CRAWLER, 8,000 LB HOPPER CAPACITY	\$50,158	D-Off 36.2	HP		78			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.33	\$0.29	\$5.62	\$5.46	\$0.58	\$0.00	\$0.00	\$6.83	\$12.88	\$18.50
Standby	\$2.67	\$0.29							\$2.96	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30GC004	1648	ASPHALT PAVER, 4'-13' WIDE SCREED, CRAWLER, 12,000 LB HOPPER CAPACITY	\$69,212	D-Off 47.4	HP		106			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.35	\$0.39	\$7.74	\$7.16	\$0.77	\$0.00	\$0.00	\$9.43	\$17.36	\$25.10
Standby	\$3.68	\$0.39							\$4.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

SourceTag									Value TEV	Engine Horsepower and Fuel Type			CWT
Model									7/1/2019	Main	Carrier		
Equipment Description													
A30LD002	8616D	ASPHALT PAVER, 15.5' MAX PAVING WIDTH, 8" MAX DEPTH, CRAWLER, 9 TON HOPPER							\$282,690	D-Off	127	HP	235
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$30.04	\$1.61	\$31.65	\$19.17	\$2.05	\$0.00	\$0.00	\$38.51	\$59.73	\$91.38			
Standby	\$15.02	\$1.61							\$16.63				

SourceTag									Value TEV	Engine Horsepower and Fuel Type			CWT
Model									7/1/2019	Main	Carrier		
Equipment Description													
A30LD003	8510E	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER							\$215,784	D-Off	74	HP	177
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.93	\$1.23	\$24.16	\$11.17	\$1.20	\$0.00	\$0.00	\$29.40	\$41.76	\$65.92			
Standby	\$11.47	\$1.23							\$12.70				

SourceTag									Value TEV	Engine Horsepower and Fuel Type			CWT
Model									7/1/2019	Main	Carrier		
Equipment Description													
A30LD004	8500D	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER							\$173,404	D-Off	64	HP	158
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.42	\$0.99	\$19.41	\$9.66	\$1.03	\$0.00	\$0.00	\$23.62	\$34.32	\$53.73			
Standby	\$9.21	\$0.99							\$10.20				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A30LD005	7000C	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 6 TON HOPPER								\$154,721	D-Off	64	HP	130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.44	\$0.88	\$17.32	\$9.66	\$1.03	\$0.00	\$0.00	\$21.08	\$31.77	\$49.09				
Standby	\$8.22	\$0.88							\$9.10					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A30LD006	5300	ASPHALT PAVER, 7' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7 TON HOPPER								\$194,334	D-Off	64	HP	127
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.65	\$1.11	\$21.76	\$9.66	\$1.03	\$0.00	\$0.00	\$26.47	\$37.17	\$58.93				
Standby	\$10.33	\$1.11							\$11.44					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
A30LD007	1000G	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 5.5 TON HOPPER								\$115,250	D-Off	49	HP	110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.25	\$0.66	\$12.91	\$7.40	\$0.79	\$0.00	\$0.00	\$15.70	\$23.89	\$36.80				
Standby	\$6.13	\$0.66							\$6.79					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

MIDLAND MACHINERY CO

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30MP001	SPD-8	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-8' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER	\$213,791	D-Off	74	HP	192			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.28	\$1.22	\$23.50	\$11.17	\$1.20	\$0.72	\$0.10	\$28.65	\$41.83	\$65.33
Standby	\$11.14	\$1.22							\$12.36	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A30MP002	SPD-10	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-10' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER	\$233,592	D-Off	100	HP	250			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.30	\$1.33	\$25.63	\$15.10	\$1.62	\$0.90	\$0.12	\$31.25	\$48.99	\$74.62
Standby	\$12.15	\$1.33							\$13.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

VOLVO CONSTRUCTION EQUIPMENT GROUP

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A30VO018	PF 7110B	ASPHALT PAVER/FINISHER, 10' WIDE SCREED, CRAWLER, 234 CF HOPPER	\$678,485		D-Off	235 HP	498			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.09	\$3.87	\$75.96	\$35.48	\$3.80	\$0.00	\$0.00	\$92.43	\$131.71	\$207.67
Standby	\$36.05	\$3.87							\$39.92	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A30VO023	PF 4410B	ASPHALT PAVER, 8' WIDE SCREED, CRAWLER, 207 CF HOPPER	\$535,672		D-Off	155 HP	269			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.92	\$3.06	\$59.98	\$23.40	\$2.51	\$0.00	\$0.00	\$72.97	\$98.88	\$158.86
Standby	\$28.46	\$3.06							\$31.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.20 TOWED

J-PYOTT

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A30JP001	CONTRACTOR GRADE	CONTRACTOR GRADE ASPHALT DRAG BOX, 8' - 10' ADJUSTABLE WIDTH, 0" - 8" PAVING THICKNESS (ADD 10 - 14 CY DUMP TRUCK)	\$10,173			15				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.81	\$0.06	\$0.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.89	\$0.89	\$1.76
Standby	\$0.41	\$0.06							\$0.47	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
A30JP002	MILITARY GRADE	ASPHALT PAVER, DRAG BOX ASPHALT SPREADER, 6'-10' ADJUSTABLE WIDTH, 0"-8" PAVING THICKNESS (ADD 10-14 CY DUMP TRUCK)	\$24,096			20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.93	\$0.14	\$2.07	\$0.00	\$0.00	\$0.00	\$0.00	\$2.10	\$2.10	\$4.17
Standby	\$0.97	\$0.14							\$1.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.30 SLURRY SEAL PAVERS (Cold mix)

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
A30XX001	MINIMAC	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, SELF PROPELLED, WHEEL, 80 CF HOPPER							\$265,718	D-Off	110 HP	130	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.95	\$1.52	\$20.47	\$14.16	\$1.27	\$0.98	\$0.13	\$14.26	\$30.80	\$51.27			
Standby	\$9.48	\$1.52							\$11.00				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
A30XX002	MACROPAVE R 12D	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, TRUCK MTD, 12 CF HOPPER (ADD 40,000 GVW TRUCK)							\$218,727	D-Off	115 HP	175	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$15.91	\$1.25	\$17.16	\$14.81	\$1.33	\$0.00	\$0.00	\$11.92	\$28.06	\$45.22			
Standby	\$7.96	\$1.25							\$9.21				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

LEE-BOY												
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
A30LD001	3000C	ASPHALT FORCE FEED LOADER, 30" WIDE BELT, WINDROW OR LOOSE, WHEEL (ADD ASPHALT PAVER UNIT)							7/1/2019	Main	Carrier	235
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$21.49	\$1.58	\$23.07	\$17.89	\$1.92	\$1.72	\$0.23	\$23.52	\$45.28	\$68.35		
Standby	\$10.75	\$1.58							\$12.33			

ROADTEC												
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
A30RT001	SB-1500	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 15 TON HOPPER, 600 TPH, 65" WIDE CONVEYOR, WHEEL							7/1/2019	Main	Carrier	672
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$43.06	\$3.22	\$46.28	\$41.29	\$4.42	\$6.68	\$0.90	\$47.31	\$100.60	\$146.88		
Standby	\$21.53	\$3.22							\$24.75			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

ROADTEC										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
A30RT007	SB-2500E	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 1000 TPH, 69" WIDE CONVEYOR, WHEEL	7/1/2019		D-Off 300 HP					780
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.18	\$3.38	\$49.56	\$41.29	\$4.42	\$3.13	\$0.42	\$50.51	\$99.78	\$149.34
Standby	\$23.09	\$3.38							\$26.47	

WEILER										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
A30WR001	E650C	ASPHALT PAVER, ASPHALT MATERIAL WINDROW ELEVATOR, 121" CONVEYOR WIDTH	7/1/2019		D-Off 137 HP					219
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.54	\$0.98	\$14.52	\$18.86	\$2.02	\$0.24	\$0.03	\$14.78	\$35.93	\$50.45
Standby	\$6.77	\$0.98							\$7.75	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

WEILER										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
A30WR002	E2850	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 600 TPH, 30" CONVEYOR WIDTH, WHEEL	\$549,574		D-Off	300	HP			745
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.14	\$3.16	\$45.30	\$41.29	\$4.42	\$6.89	\$0.93	\$46.33	\$99.86	\$145.16
Standby	\$21.07	\$3.16							\$24.23	

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
A35LD001	L600T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 600 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)	\$25,518		Gas	4.8	HP			31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.32	\$0.16	\$3.48	\$1.10	\$0.13	\$0.08	\$0.01	\$3.64	\$4.96	\$8.44
Standby	\$1.66	\$0.16							\$1.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A35LD002	L300T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 300 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)	\$21,163	Gas	4.8	HP	22			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.78	\$0.13	\$2.91	\$1.10	\$0.13	\$0.04	\$0.01	\$3.04	\$4.32	\$7.23
Standby	\$1.39	\$0.13							\$1.52	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A35LD003	L150T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 150 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)	\$19,587	Gas	4.8	HP	16			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.57	\$0.12	\$2.69	\$1.10	\$0.13	\$0.04	\$0.01	\$2.81	\$4.09	\$6.78
Standby	\$1.29	\$0.12							\$1.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG											
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type					
					7/1/2019	Main	Carrier			CWT	
A40BO001	BM500-15	ASPHALT COLD PLANER, 19.7" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)			\$358,261	D-Off	143	HP			150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$47.54	\$2.19	\$49.73	\$28.57	\$3.06	\$0.31	\$0.04	\$64.82	\$96.81	\$146.54	
Standby	\$23.77	\$2.19							\$25.96		
A40BO002	BM600-15	ASPHALT COLD PLANER, 23.6" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)			\$341,432	D-Off	143	HP			190
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$45.30	\$2.08	\$47.38	\$28.57	\$3.06	\$0.31	\$0.04	\$61.77	\$93.75	\$141.13	
Standby	\$22.65	\$2.08							\$24.73		
A40BO003	BM1000-30	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)			\$541,998	D-Off	280	HP			416
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$72.27	\$3.31	\$75.58	\$55.94	\$5.99	\$0.00	\$0.00	\$98.45	\$160.38	\$235.96	
Standby	\$36.14	\$3.31							\$39.45		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A40BO004	BM1200-30	ASPHALT COLD PLANER, 47.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$552,658		D-Off	280 HP			423	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.69	\$3.37	\$77.06	\$55.94	\$5.99	\$0.00	\$0.00	\$100.38	\$162.31	\$239.37
Standby	\$36.85	\$3.37							\$40.22	
A40BO005	BM1300-30	ASPHALT COLD PLANER, 51.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$594,080		D-Off	280 HP			426	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$79.21	\$3.62	\$82.83	\$55.94	\$5.99	\$0.00	\$0.00	\$107.91	\$169.84	\$252.67
Standby	\$39.61	\$3.62							\$43.23	
A40BO006	BM1000-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$638,807		D-Off	350 HP			430	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$85.17	\$3.90	\$89.07	\$69.93	\$7.49	\$0.00	\$0.00	\$116.03	\$193.45	\$282.52
Standby	\$42.59	\$3.90							\$46.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
A40BO007	BM1200-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$758,166		D-Off	350 HP			450	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$101.09	\$4.63	\$105.72	\$69.93	\$7.49	\$0.00	\$0.00	\$137.71	\$215.13	\$320.85
Standby	\$50.55	\$4.63							\$55.18	
A40BO008	BM1300-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$758,316		D-Off	350 HP			440	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$101.11	\$4.63	\$105.74	\$69.93	\$7.49	\$0.00	\$0.00	\$137.74	\$215.16	\$320.90
Standby	\$50.56	\$4.63							\$55.19	
A40BO009	BM2000-75	ASPHALT COLD PLANER, 78.7" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$1,167,234		D-Off	771 HP			508	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$155.63	\$7.12	\$162.75	\$154.05	\$16.50	\$0.00	\$0.00	\$212.01	\$382.56	\$545.31
Standby	\$77.82	\$7.12							\$84.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
A40BO010	BM2200-75	ASPHALT COLD PLANER, 86.6" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	\$1,212,208			D-Off 771 HP			508	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$161.63	\$7.40	\$169.03	\$154.05	\$16.50	\$0.00	\$0.00	\$220.18	\$390.73	\$559.76
Standby	\$80.82	\$7.40							\$88.22	

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
A40CA008	PM-620	ASPHALT COLD PLANER, 80" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)	\$657,517			D-Off 630 HP			649	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.67	\$4.01	\$91.68	\$125.87	\$13.48	\$0.00	\$0.00	\$119.43	\$258.78	\$350.46
Standby	\$43.84	\$4.01							\$47.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A40CA009	PM-622	ASPHALT COLD PLANER, 88" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)	\$664,681	D-Off	662 HP		660			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$88.62	\$4.06	\$92.68	\$132.27	\$14.17	\$0.00	\$0.00	\$120.73	\$267.17	\$359.85
Standby	\$44.31	\$4.06							\$48.37	

ROADTEC

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A40RT008	RX-400E	ASPHALT COLD PLANER, 40" W X 10" D, WHEEL (ADD CUTTING TEETH COSTS)	\$473,551	D-Off	325 HP		470			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.14	\$2.89	\$66.03	\$64.94	\$6.96	\$0.00	\$0.00	\$86.01	\$157.91	\$223.94
Standby	\$31.57	\$2.89							\$34.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

ROADTEC											
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type					
					7/1/2019	Main	Carrier			CWT	
A40RT009	RX-400E	ASPHALT COLD PLANER, 52" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)			\$473,551	D-Off	325	HP			470
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$63.14	\$2.89	\$66.03	\$64.94	\$6.96	\$0.00	\$0.00	\$86.01	\$157.91	\$223.94	
Standby	\$31.57	\$2.89							\$34.46		
A40RT010	RX-600E	ASPHALT COLD PLANER, 78" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)			\$586,250	D-Off	620	HP			592
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$78.17	\$3.58	\$81.75	\$123.88	\$13.27	\$0.00	\$0.00	\$106.48	\$243.63	\$325.38	
Standby	\$39.09	\$3.58							\$42.67		
A40RT011	RX-700E	ASPHALT COLD PLANER, 98" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)			\$662,228	D-Off	700	HP			840
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$88.30	\$4.04	\$92.34	\$139.86	\$14.98	\$0.00	\$0.00	\$120.28	\$275.12	\$367.46	
Standby	\$44.15	\$4.04							\$48.19		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A40 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

ROADTEC										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier			CWT	
A40RT012	RX-900E	ASPHALT COLD PLANER, 150" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)	\$772,281		D-Off	700 HP			920	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$102.97	\$4.71	\$107.68	\$139.86	\$14.98	\$0.00	\$0.00	\$140.27	\$295.11	\$402.79
Standby	\$51.49	\$4.71							\$56.20	

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

ROSCO, A LeeBoy COMPANY										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier			CWT	
A45RS002	RA-400	ASPHALT SPRAY PATCHER, 300 GAL, TELESCOPIC BOOM - 38' EXT, TRUCK MTD (ADD 32,000 GVW TRUCK)	\$149,178		D-Off	65 HP			180	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.87	\$0.94	\$24.81	\$8.95	\$1.46	\$0.00	\$0.00	\$29.26	\$39.67	\$64.48
Standby	\$11.94	\$0.94							\$12.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

SEALMASTER, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A45SE003	SP300 DUAL	ASPHALT SEALCOATER, 320 GAL, 75 GPM, 108" WIDE DUAL SPRAY, SQUEEGEE, SELF PROPELLED	\$61,461	Gas	49 HP		38			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.75	\$0.39	\$10.14	\$11.19	\$3.37	\$0.08	\$0.01	\$11.98	\$26.63	\$36.77
Standby	\$4.88	\$0.39							\$5.27	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
A45SE004	TR-1000	ASPHALT SEALCOATER, 1000 GAL, 50 GPM, 88" WIDE SPRAY BAR, TRAILER MTD	\$35,426	Gas	13 HP		52			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.38	\$0.22	\$5.60	\$2.97	\$0.86	\$0.25	\$0.03	\$6.67	\$10.78	\$16.38
Standby	\$2.69	\$0.22							\$2.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10CC007	M15	BATCH PLANT, CONCRETE DISPENSER, 15 CY/HR MAX, W/TWO AGGREGATE BINS, 2 CY/ 1 CY CEMENT BIN/ 7' LONG SLOPING 8" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 2 CY LOAD, TRAILER MTD	\$86,216	Gas	18 HP		80			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.54	\$0.51	\$9.05	\$4.11	\$3.50	\$0.15	\$0.02	\$11.66	\$19.45	\$28.50
Standby	\$4.27	\$0.51							\$4.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10CC008	M30	BATCH PLANT, CONCRETE DISPENSER, 30 CY/HR MAX, W/TWO AGGREGATE BINS, 5.5 CY/ 1.9 CY CEMENT BIN/ 9' LONG SLOPING 9" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 5 CY LOAD, TRUCK MTD	\$80,201	Gas	163 HP		132			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.16	\$0.47	\$7.63	\$37.22	\$8.06	\$2.05	\$0.28	\$9.99	\$57.59	\$65.22
Standby	\$3.58	\$0.47							\$4.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10CC009	M30X	BATCH PLANT, CONCRETE DISPENSER, 30 CY/HR MAX, W/TWO AGGREGATE BINS, 9.3 CY/ 3.1 CY CEMENT BIN/ 9' LONG SLOPING 12" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 8 CY LOAD, TRUCK MTD	\$87,540	Gas	200 HP		194			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.72	\$0.52	\$8.24	\$45.67	\$9.34	\$2.47	\$0.33	\$10.80	\$68.62	\$76.86
Standby	\$3.86	\$0.52							\$4.38	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10CC010	M60	BATCH PLANT, CONCRETE DISPENSER, 60 CY/HR MAX, W/TWO AGGREGATE BINS, 9.6 CY/ 3.1 CY CEMENT BIN/ 9' LONG SLOPING 12" DIA SCREW WET MIXER/DELIVERER/ 250 GAL WATER TANK/ & METERING PUMP, 8 CY LOAD, TRUCK MTD	\$100,702	Gas	200 HP		204			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.21	\$0.59	\$9.80	\$45.67	\$9.59	\$2.05	\$0.28	\$12.78	\$70.37	\$80.17
Standby	\$4.61	\$0.59							\$5.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
B10CC012	MT-200LP	BATCH PLANT, SILO, CEMENT, 800 CF, 200 BARREL (BATCH PLANT ATTACHMENT)	\$44,143	Gas	18 HP	35				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.41	\$0.26	\$4.67	\$4.11	\$1.25	\$0.00	\$0.00	\$6.01	\$11.38	\$16.05
Standby	\$2.21	\$0.26							\$2.47	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
B10CC013	MT-300LP	BATCH PLANT, SILO, CEMENT, 1,200 CF, 300 BARREL (BATCH PLANT ATTACHMENT)	\$64,190	Gas	18 HP	48				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.42	\$0.38	\$6.80	\$4.11	\$1.30	\$0.00	\$0.00	\$8.74	\$14.16	\$20.96
Standby	\$3.21	\$0.38							\$3.59	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
B10CC015	CT270	BATCH PLANT, SILO, CEMENT, 50 TON, HORIZONTAL, 270 BARREL (BATCH PLANT ATTACHMENT)	\$43,836	Elec	16 HP	85				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.70	\$0.26	\$3.96	\$1.21	\$1.52	\$1.35	\$0.18	\$5.22	\$9.48	\$13.44
Standby	\$1.85	\$0.26							\$2.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10CL006	LO-PRO 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 275 CY/HR, W/TWO AGGREGATE BINS, 65 TON, 50 CY/ 36"X20' CONVEYOR/ 12 CY AGGREGATE BATCHER/ 36"X36' LOADING CONVEYOR/ & 215 BARREL, 35 TON CEMENT SILO, TRAILER MTD (ADD 140 KW GENERATOR)		\$332,509	Elec	90	HP	426		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.18	\$1.96	\$34.14	\$6.79	\$4.91	\$2.26	\$0.31	\$44.13	\$58.40	\$92.54
Standby	\$16.09	\$1.96							\$18.05	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10CL021	G12L	BATCH PLANT, CONCRETE AGGREGATE DRY, 40CY/HR, 10 CY AGGREGATE BATCHER, W/30" X 40' LOADING CONVEYOR, SCALES & WATER METER INCLUDED, TRAILER MTD (ADD 5 KW GENERATOR, WATER TANK & WET BATCHER)		\$130,796	Elec	35	HP	190		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.37	\$0.77	\$13.14	\$2.64	\$1.13	\$1.50	\$0.20	\$17.05	\$22.53	\$35.67
Standby	\$6.19	\$0.77							\$6.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10CL025	MTM 12	BATCH PLANT, CONCRETE MIXER, 12 CY, TILT DRUM, 11.67' DIA, REMOVABLE AXLES, TRAILER MTD (ADD DRY BATCH PLANT)	\$654,384		Elec	150 HP	130			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$65.26	\$3.85	\$69.11	\$11.31	\$4.86	\$0.35	\$0.05	\$88.95	\$105.51	\$174.62
Standby	\$32.63	\$3.85							\$36.48	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10CL027	SILO1910	BATCH PLANT, CEMENT SILO, 2,260 CF, 565 BARREL (BATCH PLANT ATTACHMENT)	\$57,022				144			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.70	\$0.34	\$6.04	\$0.00	\$0.00	\$0.00	\$0.00	\$7.77	\$7.77	\$13.81
Standby	\$2.85	\$0.34							\$3.19	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10CL032	SC12D-10	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 10' LONG (CEMENT SILO ATTACHMENT)	\$6,475		Elec	10 HP	10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.65	\$0.04	\$0.69	\$0.75	\$0.32	\$0.00	\$0.00	\$0.88	\$1.95	\$2.64
Standby	\$0.33	\$0.04							\$0.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B10CL034	SC12D-20	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$16,082	Elec	20	HP	20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.61	\$0.09	\$1.70	\$1.51	\$0.65	\$0.00	\$0.00	\$2.19	\$4.35	\$6.05				
Standby	\$0.81	\$0.09							\$0.90					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B10CL036	SC9D-10	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 10' LONG (CEMENT SILO ATTACHMENT)								\$6,034	Elec	8	HP	9
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.60	\$0.04	\$0.64	\$0.60	\$0.26	\$0.00	\$0.00	\$0.82	\$1.68	\$2.32				
Standby	\$0.30	\$0.04							\$0.34					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B10CL040	SC9D-20	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$8,326	Elec	20	HP	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.83	\$0.05	\$0.88	\$1.51	\$0.65	\$0.00	\$0.00	\$1.13	\$3.29	\$4.17				
Standby	\$0.42	\$0.05							\$0.47					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B10CL042	SC6D-10	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 10' LONG (CEMENT SILO ATTACHMENT)								\$5,484	Elec	5	HP	5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.55	\$0.03	\$0.58	\$0.38	\$0.16	\$0.00	\$0.00	\$0.75	\$1.29	\$1.87				
Standby	\$0.28	\$0.03							\$0.31					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B10CL045	SC6D-20	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$7,406	Elec	10	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.74	\$0.04	\$0.78	\$0.75	\$0.32	\$0.00	\$0.00	\$1.01	\$2.08	\$2.86				
Standby	\$0.37	\$0.04							\$0.41					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

EXCEL MACHINERY LTD.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10EM002	BELGRADE 350 BBL	BATCH PLANT, CEMENT SILO, 45 TON HORIZONTAL 350 BARREL (BATCH PLANT ATTACHMENT)		\$42,424	Elec	10	HP	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.25	\$4.43	\$0.75	\$1.32	\$0.12	\$0.02	\$5.71	\$7.92	\$12.35
Standby	\$2.09	\$0.25							\$2.34	

JOHNSON-ROSS (TEREX ROADBUILDING)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10RC007	BANDIT 5	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/TWO AGGREGATE BINS, 65 TON, 48 CY/ 36" X 20' CONVEYOR/ 2 BIN 5 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 257 BARREL, 48 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		\$263,198	Elec	15	HP	250		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.98	\$1.55	\$27.53	\$1.13	\$2.99	\$0.67	\$0.09	\$35.48	\$40.36	\$67.89
Standby	\$12.99	\$1.55							\$14.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

JOHNSON-ROSS (TEREX ROADBUILDING)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10RC008	BANDIT 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 200 CY/HR, W/THREE AGGREGATE BINS, 65 TON, 48 CY/ 36" X 20' CONVEYOR/ 3 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 720 BARREL, 134 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)	\$292,974	Elec	30 HP		489			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.49	\$1.72	\$30.21	\$2.26	\$3.47	\$1.69	\$0.23	\$39.03	\$46.68	\$76.89
Standby	\$14.25	\$1.72							\$15.97	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10RC032	RUSTLER 12	BATCH PLANT, CONCRETE AGGREGATE DRY, 160 CY/HR, W/TWO AGGREGATE BINS, 28 TON, 21 CY/ 2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 400 BARREL, 75 TON CEMENT SILO, TRAILER MTD (ADD 130 KW GENERATOR)	\$338,575	Elec	50 HP		536			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.76	\$1.99	\$34.75	\$3.77	\$6.12	\$2.25	\$0.30	\$44.93	\$57.37	\$92.12
Standby	\$16.38	\$1.99							\$18.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10SN031	DC-12	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/2 BIN 12 CY BATCHER/ 24" X 41' LOADING CONVEYOR/ & 311 BARREL, 58 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)	\$286,138	Elec	25 HP		340			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.42	\$1.68	\$29.10	\$1.89	\$2.16	\$2.44	\$0.33	\$37.68	\$44.50	\$73.60
Standby	\$13.71	\$1.68							\$15.39	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10SN032	MUSTANG	BATCH PLANT, CONCRETE AGGREGATE DRY, 150 CY/HR, W/3 AGGREGATE STORAGE BINS, 70 TON, 14 CY BATCHER, 30" X 33.5' LOADING CONVEYOR, TRAILER MTD (ADD 115 KW GENERATOR)	\$393,235	Elec	45 HP		420			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.17	\$2.31	\$40.48	\$3.39	\$3.21	\$2.36	\$0.32	\$52.31	\$61.59	\$102.07
Standby	\$19.09	\$2.31							\$21.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10SN033	DC COLT	BATCH PLANT, CONCRETE AGGREGATE DRY, 100 CY/HR, W/2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 311 BARREL, 58 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)	\$286,138	Elec	30 HP		340			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.52	\$1.68	\$29.20	\$2.26	\$2.47	\$2.23	\$0.30	\$37.79	\$45.05	\$74.25
Standby	\$13.76	\$1.68							\$15.44	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B10SN034	EMPIRE	BATCH PLANT, CONCRETE AGGREGATE DRY, 160 CY/HR, W/3 AGGREGATE BIN STORAGE, 70 TON, 48 CY/ 2 BIN 10 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 374 BARREL, 70 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)	\$539,677	Elec	20 HP		360			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.81	\$3.18	\$55.99	\$1.51	\$2.15	\$2.36	\$0.32	\$72.26	\$78.60	\$134.59
Standby	\$26.41	\$3.18							\$29.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10SN035	THOROUGH-BRED	BATCH PLANT, CONCRETE AGGREGATE DRY, 180 CY/HR, W/4 AGGREGATE BIN STORAGE, 65 TON, 48 CY/ 2 BIN 12 CY BATCHER/ 30" X 33.5' LOADING CONVEYOR/ & 374 BARREL, 70 TON CEMENT SILO, TRAILER MTD (ADD 100 KW GENERATOR)		\$517,464	Elec	30	HP	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.59	\$3.05	\$53.64	\$2.26	\$2.62	\$2.36	\$0.32	\$69.23	\$76.80	\$130.44
Standby	\$25.30	\$3.05							\$28.35	

B10 0.30 PUGMILL

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B10KJ001	52 PORTABLE PUGMILL	BATCH PLANT, PUGMILL, TWO 12' LONG X 6' WIDE 9 CY HOPPERS WITH 30" X 10' 9" BELT FEEDER, 48" WIDE X 6' LONG TWIN PUGMILL, WALKWAY, TANDEM AXLE CHASSIS		\$376,020	Elec	130	HP	371		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.11	\$2.16	\$31.27	\$9.80	\$4.21	\$2.50	\$0.34	\$39.92	\$56.76	\$88.03
Standby	\$14.56	\$2.16							\$16.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.30 PUGMILL

KPI-JCI										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
B10KJ002	52S PORTABLE PUGMILL	BATCHPLANT, PUGMILL, TWO 14' LONG X 7' WIDE 15 CY PRIMARY HOPPERS WITH 36" WIDE X 36' LONG BELT FEEDERS, 4' WIDE X 8' LONG TWIN SHAFT PUGMILL, WALKWAY, TANDEM AXLE CHASSIS, UP TO 500 TONS PER HOUR (ADD 200 KW GENERATOR & MATERIAL FEEDS)	\$379,797			Elec 220 HP			444	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.31	\$2.19	\$31.50	\$16.59	\$7.12	\$2.77	\$0.37	\$40.22	\$67.08	\$98.58
Standby	\$14.66	\$2.19							\$16.85	

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

BROCE MANUFACTURING COMPANY										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
B15BM001	RJT-350	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED	\$67,921			D-On 80 HP			50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.56	\$0.38	\$7.94	\$13.17	\$1.41	\$0.16	\$0.02	\$6.96	\$21.72	\$29.66
Standby	\$3.78	\$0.38							\$4.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B15EC001	EAGLE F	STREET SWEEPER, 10' BROOM PATH, 4.5 CY HOPPER, 280 GAL WATER TANK, DUAL ENGINE, SELF PROPELLED	\$349,229		D-Off	74 HP	150			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.77	\$1.93	\$40.70	\$10.19	\$1.09	\$1.07	\$0.14	\$35.71	\$48.20	\$88.90
Standby	\$19.39	\$1.93							\$21.32	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B15EC002	PELICAN P DUAL	STREET SWEEPER, 10' BROOM PATH, 3.5 CY HOPPER, 220 GAL WATER TANK, SELF PROPELLED	\$204,607		D-On	74 HP	143			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.71	\$1.13	\$23.84	\$12.18	\$1.30	\$0.60	\$0.08	\$20.92	\$35.08	\$58.92
Standby	\$11.36	\$1.13							\$12.49	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B15EC003	BROOM BEAR FL42H	STREET SWEEPER, 12' BROOM PATH, 4.5 CY HOPPER, 360 GAL WATER TANK, SELF PROPELLED	\$341,804		D-On	260 HP	213			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.94	\$1.89	\$39.83	\$42.80	\$4.58	\$1.07	\$0.14	\$34.94	\$83.54	\$123.37
Standby	\$18.97	\$1.89							\$20.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B15EC004	MEGAWIND	STREET SWEEPER AND CATCH BASIN CLEANER, 12' BROOM PATH, 13 CY HOPPER, 335 GAL WATER TANK, SELF PROPELLED	\$361,188		D-On	74 HP	238			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.63	\$2.00	\$42.63	\$12.18	\$1.30	\$0.00	\$0.00	\$37.37	\$50.85	\$93.48
Standby	\$20.32	\$2.00							\$22.32	

LAYMOR SWEEPERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
B15LS001	SM300	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED	\$28,787		D-On	25 HP	30			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.18	\$0.16	\$3.34	\$4.12	\$0.44	\$0.12	\$0.02	\$2.93	\$7.63	\$10.97
Standby	\$1.59	\$0.16							\$1.75	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

LAYMOR SWEEPERS

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B15LS002	SM450 ST	BROOM, 100" BROOM PATH, PAVEMENT, W/SPRINKLER AND 180 GAL WATER TANK, SELF PROPELLED	\$40,406	D-On	74	HP	48			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.48	\$0.22	\$4.70	\$12.18	\$1.30	\$0.12	\$0.02	\$4.13	\$17.75	\$22.45
Standby	\$2.24	\$0.22							\$2.46	

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B15MB001	ARMT	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 45 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP AGRICULTURAL TRACTOR)	\$8,786				10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.99	\$0.05	\$1.04	\$0.00	\$0.25	\$0.00	\$0.00	\$0.91	\$1.16	\$2.20
Standby	\$0.50	\$0.05							\$0.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B15MB002	HT	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 152 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP AGRICULTURAL TRACTOR)								\$11,072				12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.25	\$0.06	\$1.31	\$0.00	\$0.35	\$0.00	\$0.00	\$1.15	\$1.50	\$2.81				
Standby	\$0.63	\$0.06							\$0.69					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B15MB004	53MH	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, TOWED (ADD TOWING PICKUP TRUCK)								\$26,230	Gas	24	HP	17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.92	\$0.15	\$3.07	\$5.48	\$0.50	\$0.05	\$0.01	\$2.69	\$8.73	\$11.80				
Standby	\$1.46	\$0.15							\$1.61					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ROSCO, A LeeBoy COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
B15RS001	RB-50	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED								\$79,548	D-On	74 HP	56	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.89	\$0.44	\$9.33	\$12.18	\$1.30	\$0.12	\$0.02	\$8.18	\$21.80	\$31.13				
Standby	\$4.45	\$0.44							\$4.89					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
B15RS005	CHALLENGE R 7	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED								\$96,890	D-On	74 HP	75	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.82	\$0.54	\$11.36	\$12.18	\$1.30	\$0.16	\$0.02	\$9.96	\$23.62	\$34.98				
Standby	\$5.41	\$0.54							\$5.95					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

TERRAMITE CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B15TB001	TSS46	STREET SWEEPER, 6' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED								\$26,339	D-Off	37	HP	34
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.93	\$0.15	\$3.08	\$5.09	\$0.55	\$0.07	\$0.01	\$2.69	\$8.41	\$11.49				
Standby	\$1.47	\$0.15							\$1.62					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B15TB002	TSS48	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED								\$26,496	D-Off	37	HP	34
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.94	\$0.15	\$3.09	\$5.09	\$0.55	\$0.07	\$0.01	\$2.71	\$8.43	\$11.52				
Standby	\$1.47	\$0.15							\$1.62					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN001	75XP	BRUSH CHIPPER, 7" CAPACITY, DISC TYPE, TRAILER MTD	\$19,423	Gas	25 HP		21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.76	\$0.11	\$1.87	\$5.71	\$0.70	\$1.24	\$0.17	\$1.87	\$9.69	\$11.56
Standby	\$0.88	\$0.11							\$0.99	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN002	90XP	BRUSH CHIPPER, 9" CAPACITY, DISC TYPE, TRAILER MTD	\$29,341	Gas	37 HP		46			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.27	\$0.16	\$3.43	\$8.45	\$1.03	\$0.06	\$0.01	\$3.39	\$12.93	\$16.36
Standby	\$1.64	\$0.16							\$1.80	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN003	200XP	BRUSH CHIPPER, 12" CAPACITY, DISC TYPE, TRAILER MTD	\$40,451	Gas	84 HP		55			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.50	\$0.22	\$4.72	\$19.18	\$2.35	\$0.10	\$0.01	\$4.66	\$26.29	\$31.01
Standby	\$2.25	\$0.22							\$2.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN005	15XPC	BRUSH CHIPPER, 15" CAPACITY, DRUM TYPE, TRAILER MTD	\$55,153	Gas	145 HP		68			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.14	\$0.30	\$6.44	\$33.11	\$4.05	\$0.12	\$0.02	\$6.36	\$43.65	\$50.09
Standby	\$3.07	\$0.30							\$3.37	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN006	18XP	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD	\$73,003	Gas	165 HP		97			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.15	\$0.40	\$8.55	\$37.67	\$4.61	\$0.12	\$0.02	\$8.43	\$50.85	\$59.40
Standby	\$4.08	\$0.40							\$4.48	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
B20BN007	21XP	BRUSH CHIPPER, 21" CAPACITY, DRUM TYPE, TRAILER MTD	\$155,176	D-Off	300 HP		150			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.32	\$0.86	\$18.18	\$41.29	\$4.42	\$0.24	\$0.03	\$17.94	\$63.92	\$82.10
Standby	\$8.66	\$0.86							\$9.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
B20BN010	12XPC	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD			\$40,593	Gas	84	HP		49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.54	\$0.22	\$4.76	\$19.18	\$2.35	\$0.06	\$0.01	\$4.70	\$26.29	\$31.05
Standby	\$2.27	\$0.22							\$2.49	

MORBARK, INC.										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
B20MQ001	1415, DIESEL	BRUSH CHIPPER, 14" CAPACITY, DRUM TYPE, TRAILER MTD			\$54,057	D-Off	70	HP		57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.03	\$0.30	\$6.33	\$9.63	\$1.03	\$0.08	\$0.01	\$6.25	\$17.01	\$23.34
Standby	\$3.02	\$0.30							\$3.32	

SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
B20MQ003	1821, DIESEL	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD			\$87,513	D-Off	140	HP		102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.80	\$0.48	\$10.28	\$19.27	\$2.06	\$0.09	\$0.01	\$10.14	\$31.57	\$41.85
Standby	\$4.90	\$0.48							\$5.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ004	2131-SA, DIESEL	BRUSH CHIPPER, 20" CAPACITY, DRUM TYPE, TRAILER MTD								\$93,504	D-Off	140 HP		150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.42	\$0.52	\$10.94	\$19.27	\$2.06	\$0.17	\$0.02	\$10.79	\$32.32	\$43.26				
Standby	\$5.21	\$0.52							\$5.73					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ005	2230, DIESEL DRUM	BRUSH CHIPPER, LOG CHIPPER, 22" CAPACITY, DISC TYPE, TRAILER MTD								\$192,550	D-Off	415 HP		173
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.56	\$1.06	\$22.62	\$57.12	\$6.12	\$0.17	\$0.02	\$22.32	\$85.76	\$108.38				
Standby	\$10.78	\$1.06							\$11.84					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ006	1215, DIESEL	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD								\$42,699	D-Off	48	HP	52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.76	\$0.24	\$5.00	\$6.61	\$0.71	\$0.08	\$0.01	\$4.93	\$12.34	\$17.34				
Standby	\$2.38	\$0.24							\$2.62					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ007	1215, GAS	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD								\$36,641	Gas	75	HP	49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.07	\$0.20	\$4.27	\$17.12	\$2.10	\$0.08	\$0.01	\$4.22	\$23.53	\$27.80				
Standby	\$2.04	\$0.20							\$2.24					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ008	1415, GAS	BRUSH CHIPPER, LOG CHIPPER, 14" CAPACITY, DRUM TYPE, TRAILER MTD								\$44,500	Gas	75	HP	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.96	\$0.25	\$5.21	\$17.12	\$2.10	\$0.08	\$0.01	\$5.13	\$24.45	\$29.66				
Standby	\$2.48	\$0.25							\$2.73					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ009	1821, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD								\$67,098	Gas	165	HP	102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.50	\$0.37	\$7.87	\$37.67	\$4.61	\$0.09	\$0.01	\$7.76	\$50.14	\$58.01				
Standby	\$3.75	\$0.37							\$4.12					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
B20MQ010	2131-SA, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD								\$69,903	Gas	165	HP	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.77	\$0.39	\$8.16	\$37.67	\$4.61	\$0.17	\$0.02	\$8.05	\$50.52	\$58.68				
Standby	\$3.89	\$0.39							\$4.28					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB001	MWRH-050	BUCKET, CLAMSHELL, 0.5 CY, HEAVY DUTY/DIGGING								\$30,614			30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.44	\$0.17	\$3.61	\$0.00	\$0.00	\$0.00	\$0.00	\$2.71	\$2.71	\$6.32			
Severe	\$4.24	\$0.17	\$4.41	\$0.00	\$0.00	\$0.00	\$0.00	\$3.81	\$3.81	\$8.22			
Standby	\$1.72	\$0.17							\$1.89				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB003	MWRH-100	BUCKET, CLAMSHELL, 1.0 CY, HEAVY DUTY/DIGGING								\$33,274			48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.74	\$0.18	\$3.92	\$0.00	\$0.00	\$0.00	\$0.00	\$2.95	\$2.95	\$6.87			
Severe	\$4.61	\$0.19	\$4.80	\$0.00	\$0.00	\$0.00	\$0.00	\$4.14	\$4.14	\$8.94			
Standby	\$1.87	\$0.18							\$2.05				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB005	MWRH-150	BUCKET, CLAMSHELL, 1.5 CY, HEAVY DUTY/DIGGING								\$44,005			66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.95	\$0.24	\$5.19	\$0.00	\$0.00	\$0.00	\$0.00	\$3.90	\$3.90	\$9.09			
Severe	\$6.09	\$0.25	\$6.34	\$0.00	\$0.00	\$0.00	\$0.00	\$5.48	\$5.48	\$11.82			
Standby	\$2.48	\$0.24							\$2.72				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB007	MWRH-200	BUCKET, CLAMSHELL, 2.0 CY, HEAVY DUTY/DIGGING								\$47,839			78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.38	\$0.26	\$5.64	\$0.00	\$0.00	\$0.00	\$0.00	\$4.24	\$4.24	\$9.88			
Severe	\$6.62	\$0.27	\$6.89	\$0.00	\$0.00	\$0.00	\$0.00	\$5.96	\$5.96	\$12.85			
Standby	\$2.69	\$0.26							\$2.95				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB008	MWRH-250	BUCKET, CLAMSHELL, 2.5 CY, HEAVY DUTY/DIGGING								\$49,873			91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.61	\$0.28	\$5.89	\$0.00	\$0.00	\$0.00	\$0.00	\$4.42	\$4.42	\$10.31			
Severe	\$6.91	\$0.28	\$7.19	\$0.00	\$0.00	\$0.00	\$0.00	\$6.21	\$6.21	\$13.40			
Standby	\$2.81	\$0.28							\$3.09				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB009	MWRH-300	BUCKET, CLAMSHELL, 3.0 CY, HEAVY DUTY/DIGGING								\$53,164			103
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.98	\$0.29	\$6.27	\$0.00	\$0.00	\$0.00	\$0.00	\$4.71	\$4.71	\$10.98			
Severe	\$7.36	\$0.30	\$7.66	\$0.00	\$0.00	\$0.00	\$0.00	\$6.62	\$6.62	\$14.28			
Standby	\$2.99	\$0.29							\$3.28				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB010	MWRH-350	BUCKET, CLAMSHELL, 3.5 CY, HEAVY DUTY/DIGGING								\$57,200			131
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.43	\$0.32	\$6.75	\$0.00	\$0.00	\$0.00	\$0.00	\$5.07	\$5.07	\$11.82			
Severe	\$7.92	\$0.33	\$8.25	\$0.00	\$0.00	\$0.00	\$0.00	\$7.12	\$7.12	\$15.37			
Standby	\$3.22	\$0.32							\$3.54				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB011	MWRH-400	BUCKET, CLAMSHELL, 4.0 CY, HEAVY DUTY/DIGGING								\$56,157			145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.32	\$0.31	\$6.63	\$0.00	\$0.00	\$0.00	\$0.00	\$4.97	\$4.97	\$11.60			
Severe	\$7.78	\$0.32	\$8.10	\$0.00	\$0.00	\$0.00	\$0.00	\$6.99	\$6.99	\$15.09			
Standby	\$3.16	\$0.31							\$3.47				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB012	MWRH-450	BUCKET, CLAMSHELL, 4.5 CY, HEAVY DUTY/DIGGING								\$65,628			165
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.38	\$0.36	\$7.74	\$0.00	\$0.00	\$0.00	\$0.00	\$5.81	\$5.81	\$13.55			
Severe	\$9.09	\$0.37	\$9.46	\$0.00	\$0.00	\$0.00	\$0.00	\$8.17	\$8.17	\$17.63			
Standby	\$3.69	\$0.36							\$4.05				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB013	MWHR-500	BUCKET, CLAMSHELL, 5.0 CY, HEAVY DUTY/DIGGING								\$68,081			173
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.66	\$0.38	\$8.04	\$0.00	\$0.00	\$0.00	\$0.00	\$6.03	\$6.03	\$14.07			
Severe	\$9.43	\$0.39	\$9.82	\$0.00	\$0.00	\$0.00	\$0.00	\$8.48	\$8.48	\$18.30			
Standby	\$3.83	\$0.38							\$4.21				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB014	MWRH-550	BUCKET, CLAMSHELL, 5.5 CY, HEAVY DUTY/DIGGING								\$69,181			178
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.78	\$0.38	\$8.16	\$0.00	\$0.00	\$0.00	\$0.00	\$6.13	\$6.13	\$14.29			
Severe	\$9.58	\$0.39	\$9.97	\$0.00	\$0.00	\$0.00	\$0.00	\$8.62	\$8.62	\$18.59			
Standby	\$3.89	\$0.38							\$4.27				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B25HB015	MWRH-600	BUCKET, CLAMSHELL, 6.0 CY, HEAVY DUTY/DIGGING								\$76,283			199
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.58	\$0.42	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.76	\$6.76	\$15.76			
Severe	\$10.56	\$0.43	\$10.99	\$0.00	\$0.00	\$0.00	\$0.00	\$9.50	\$9.50	\$20.49			
Standby	\$4.29	\$0.42							\$4.71				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX004	1 RN	BUCKET, CLAMSHELL, 1.0 CY, ROUND NOSE, STANDARD							\$33,838			40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.81	\$0.19	\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3.00	\$3.00	\$7.00		
Severe	\$4.69	\$0.19	\$4.88	\$0.00	\$0.00	\$0.00	\$0.00	\$4.21	\$4.21	\$9.09		
Standby	\$1.91	\$0.19							\$2.10			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX008	2 RN	BUCKET, CLAMSHELL, 2.0 CY, ROUND NOSE, STANDARD							\$52,241			70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.88	\$0.29	\$6.17	\$0.00	\$0.00	\$0.00	\$0.00	\$4.63	\$4.63	\$10.80		
Severe	\$7.23	\$0.30	\$7.53	\$0.00	\$0.00	\$0.00	\$0.00	\$6.51	\$6.51	\$14.04		
Standby	\$2.94	\$0.29							\$3.23			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX010	3 RN	BUCKET, CLAMSHELL, 3.0 CY, ROUND NOSE, STANDARD							\$53,413			87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.01	\$0.30	\$6.31	\$0.00	\$0.00	\$0.00	\$0.00	\$4.73	\$4.73	\$11.04		
Severe	\$7.40	\$0.30	\$7.70	\$0.00	\$0.00	\$0.00	\$0.00	\$6.65	\$6.65	\$14.35		
Standby	\$3.01	\$0.30							\$3.31			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX012	4 RN	BUCKET, CLAMSHELL, 4.0 CY, ROUND NOSE, STANDARD							\$65,004			117
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.31	\$0.36	\$7.67	\$0.00	\$0.00	\$0.00	\$0.00	\$5.76	\$5.76	\$13.43		
Severe	\$9.00	\$0.37	\$9.37	\$0.00	\$0.00	\$0.00	\$0.00	\$8.10	\$8.10	\$17.47		
Standby	\$3.66	\$0.36							\$4.02			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX014	5 RN	BUCKET, CLAMSHELL, 5.0 CY, ROUND NOSE, STANDARD							\$91,837			160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.33	\$0.51	\$10.84	\$0.00	\$0.00	\$0.00	\$0.00	\$8.13	\$8.13	\$18.97		
Severe	\$12.72	\$0.52	\$13.24	\$0.00	\$0.00	\$0.00	\$0.00	\$11.44	\$11.44	\$24.68		
Standby	\$5.17	\$0.51							\$5.68			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX016	6 RN	BUCKET, CLAMSHELL, 6.0 CY, ROUND NOSE, STANDARD							\$97,168			180
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.93	\$0.54	\$11.47	\$0.00	\$0.00	\$0.00	\$0.00	\$8.60	\$8.60	\$20.07		
Severe	\$13.45	\$0.55	\$14.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12.10	\$12.10	\$26.10		
Standby	\$5.47	\$0.54							\$6.01			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX018	7 RN	BUCKET, CLAMSHELL, 7.0 CY, ROUND NOSE, STANDARD							\$116,042			210
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.05	\$0.64	\$13.69	\$0.00	\$0.00	\$0.00	\$0.00	\$10.28	\$10.28	\$23.97		
Severe	\$16.07	\$0.66	\$16.73	\$0.00	\$0.00	\$0.00	\$0.00	\$14.45	\$14.45	\$31.18		
Standby	\$6.53	\$0.64							\$7.17			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX019	7-1/2 RN	BUCKET, CLAMSHELL, 7.5 CY, ROUND NOSE, STANDARD							\$116,763			223
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.14	\$0.65	\$13.79	\$0.00	\$0.00	\$0.00	\$0.00	\$10.34	\$10.34	\$24.13		
Severe	\$16.17	\$0.67	\$16.84	\$0.00	\$0.00	\$0.00	\$0.00	\$14.54	\$14.54	\$31.38		
Standby	\$6.57	\$0.65							\$7.22			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B25XX020	8 RN	BUCKET, CLAMSHELL, 8.0 CY, ROUND NOSE, STANDARD							\$123,056			223
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.84	\$0.68	\$14.52	\$0.00	\$0.00	\$0.00	\$0.00	\$10.90	\$10.90	\$25.42		
Severe	\$17.04	\$0.70	\$17.74	\$0.00	\$0.00	\$0.00	\$0.00	\$15.33	\$15.33	\$33.07		
Standby	\$6.92	\$0.68							\$7.60			

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B30GB001	433-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.0 CY							\$5,941			6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.71	\$0.03	\$0.74	\$0.00	\$0.00	\$0.00	\$0.00	\$0.53	\$0.53	\$1.27		
Standby	\$0.36	\$0.03							\$0.39			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB002	442-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.5 CY	\$7,690			8				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.91	\$0.04	\$0.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.68	\$0.68	\$1.63
Standby	\$0.46	\$0.04							\$0.50	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB003	462-G	BUCKET, CONCRETE, GENERAL PURPOSE, 2.0 CY	\$9,496			10				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.13	\$0.05	\$1.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.84	\$0.84	\$2.02
Standby	\$0.57	\$0.05							\$0.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB004	493-G	BUCKET, CONCRETE, GENERAL PURPOSE, 3.0 CY	\$13,726			14				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.63	\$0.07	\$1.70	\$0.00	\$0.00	\$0.00	\$0.00	\$1.22	\$1.22	\$2.92
Standby	\$0.82	\$0.07							\$0.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
B30GB005	4123-G	BUCKET, CONCRETE, GENERAL PURPOSE, 4.0 CY	\$16,296				18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.94	\$0.09	\$2.03	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$3.47
Standby	\$0.97	\$0.09							\$1.06	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
B30GB018	413-G	BUCKET, CONCRETE, GENERAL PURPOSE, 0.5 CY	\$4,850				4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.58	\$0.03	\$0.61	\$0.00	\$0.00	\$0.00	\$0.00	\$0.43	\$0.43	\$1.04
Standby	\$0.29	\$0.03							\$0.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB006	425-A	BUCKET, CONCRETE, LAYDOWN, 1.0 CY, HEAVY DUTY AIR GATE	\$37,220			26				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.42	\$0.20	\$4.62	\$0.00	\$0.00	\$0.00	\$0.00	\$3.53	\$3.53	\$8.15
Standby	\$2.21	\$0.20							\$2.41	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB007	465-A	BUCKET, CONCRETE, LAYDOWN, 2.0 CY, HEAVY DUTY AIR GATE	\$40,351			32				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.79	\$0.22	\$5.01	\$0.00	\$0.00	\$0.00	\$0.00	\$3.83	\$3.83	\$8.84
Standby	\$2.40	\$0.22							\$2.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB008	495-A	BUCKET, CONCRETE, LAYDOWN, 3.0 CY, HEAVY DUTY AIR GATE	\$44,658			40				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.30	\$0.24	\$5.54	\$0.00	\$0.00	\$0.00	\$0.00	\$4.24	\$4.24	\$9.78
Standby	\$2.65	\$0.24							\$2.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB009	4125-A	BUCKET, CONCRETE, LAYDOWN, 4.0 CY, HEAVY DUTY AIR GATE	\$49,608			51				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.89	\$0.27	\$6.16	\$0.00	\$0.00	\$0.00	\$0.00	\$4.71	\$4.71	\$10.87
Standby	\$2.95	\$0.27							\$3.22	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB010	4155-A	BUCKET, CONCRETE, LAYDOWN, 5.0 CY, HEAVY DUTY AIR GATE	\$62,909			73				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.47	\$0.34	\$7.81	\$0.00	\$0.00	\$0.00	\$0.00	\$5.97	\$5.97	\$13.78
Standby	\$3.74	\$0.34							\$4.08	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR001	LB-375	BUCKET, CONCRETE, LOWBOY, 0.38 CY	\$2,514			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.30	\$0.01	\$0.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.25	\$0.25	\$0.56
Standby	\$0.15	\$0.01							\$0.16	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR002	LB-050	BUCKET, CONCRETE, LOWBOY, 0.5 CY	\$2,779			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.33	\$0.01	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.28	\$0.28	\$0.62
Standby	\$0.17	\$0.01							\$0.18	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR003	LB-075	BUCKET, CONCRETE, LOWBOY, 0.75 CY	\$3,074			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.37	\$0.02	\$0.39	\$0.00	\$0.00	\$0.00	\$0.00	\$0.31	\$0.31	\$0.70
Standby	\$0.19	\$0.02							\$0.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR004	LB-100	BUCKET, CONCRETE, LOWBOY, 1.0 CY	\$3,399			5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.40	\$0.02	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.34	\$0.34	\$0.76
Standby	\$0.20	\$0.02							\$0.22	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR005	LB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY	\$4,226			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.02	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.43	\$0.43	\$0.95
Standby	\$0.25	\$0.02							\$0.27	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR006	LB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY	\$5,015			8				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.03	\$0.63	\$0.00	\$0.00	\$0.00	\$0.00	\$0.51	\$0.51	\$1.14
Standby	\$0.30	\$0.03							\$0.33	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR009	LXB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY	\$5,155			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.03	\$0.64	\$0.00	\$0.00	\$0.00	\$0.00	\$0.52	\$0.52	\$1.16
Standby	\$0.31	\$0.03							\$0.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR010	LXB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY	\$6,239			9				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.74	\$0.03	\$0.77	\$0.00	\$0.00	\$0.00	\$0.00	\$0.63	\$0.63	\$1.40
Standby	\$0.37	\$0.03							\$0.40	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30CR011	LXB-300	BUCKET, CONCRETE, LOWBOY, 3.0 CY	\$7,290			12				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.87	\$0.04	\$0.91	\$0.00	\$0.00	\$0.00	\$0.00	\$0.74	\$0.74	\$1.65
Standby	\$0.44	\$0.04							\$0.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
B30CR012	LXB-400	BUCKET, CONCRETE, LOWBOY, 4.0 CY			\$8,939					15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.06	\$0.05	\$1.11	\$0.00	\$0.00	\$0.00	\$0.00	\$0.90	\$0.90	\$2.01
Standby	\$0.53	\$0.05							\$0.58	

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
B30GB011	440-A	BUCKET, CONCRETE, LOW SLUMP, 1.0 CY, AIR GATE			\$24,147					20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.87	\$0.13	\$3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.44	\$2.44	\$5.44
Standby	\$1.44	\$0.13							\$1.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB012	450-A	BUCKET, CONCRETE, LOW SLUMP, 1.5 CY, AIR GATE	\$25,031			21				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.97	\$0.13	\$3.10	\$0.00	\$0.00	\$0.00	\$0.00	\$2.53	\$2.53	\$5.63
Standby	\$1.49	\$0.13							\$1.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB013	460-A	BUCKET, CONCRETE, LOW SLUMP, 2.0 CY, AIR GATE	\$25,976			24				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.08	\$0.14	\$3.22	\$0.00	\$0.00	\$0.00	\$0.00	\$2.63	\$2.63	\$5.85
Standby	\$1.54	\$0.14							\$1.68	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB014	493-A	BUCKET, CONCRETE, LOW SLUMP, 3.0 CY, AIR GATE	\$34,246			49				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.07	\$0.18	\$4.25	\$0.00	\$0.00	\$0.00	\$0.00	\$3.47	\$3.47	\$7.72
Standby	\$2.04	\$0.18							\$2.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB015	4139-A	BUCKET, CONCRETE, LOW SLUMP, 4.0 CY, AIR GATE	\$26,013			52				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.09	\$0.14	\$3.23	\$0.00	\$0.00	\$0.00	\$0.00	\$2.63	\$2.63	\$5.86
Standby	\$1.55	\$0.14							\$1.69	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB016	4200-A	BUCKET, CONCRETE, LOW SLUMP, 6.0 CY, AIR GATE	\$59,175			78				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.03	\$0.32	\$7.35	\$0.00	\$0.00	\$0.00	\$0.00	\$5.99	\$5.99	\$13.34
Standby	\$3.52	\$0.32							\$3.84	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B30GB017	4250-A	BUCKET, CONCRETE, LOW SLUMP, 8.0 CY, AIR GATE	\$64,218			90				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.63	\$0.34	\$7.97	\$0.00	\$0.00	\$0.00	\$0.00	\$6.50	\$6.50	\$14.47
Standby	\$3.82	\$0.34							\$4.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
B35HE018	TS	BUCKET, DRAGLINE, 0.75 CY, MEDIUM WEIGHT	\$10,341				17			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.06	\$1.09	\$0.00	\$0.00	\$0.00	\$0.00	\$0.81	\$0.81	\$1.90
Severe	\$1.33	\$0.06	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$1.20	\$1.20	\$2.59
Standby	\$0.52	\$0.06							\$0.58	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
B35HE019	TS	BUCKET, DRAGLINE, 1.0 CY, MEDIUM WEIGHT	\$11,839				19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.18	\$0.06	\$1.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.93	\$0.93	\$2.17
Severe	\$1.52	\$0.07	\$1.59	\$0.00	\$0.00	\$0.00	\$0.00	\$1.37	\$1.37	\$2.96
Standby	\$0.59	\$0.06							\$0.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B35HE020	TS	BUCKET, DRAGLINE, 1.5 CY, MEDIUM WEIGHT							\$16,904			28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.69	\$0.09	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00	\$1.33	\$1.33	\$3.11		
Severe	\$2.17	\$0.10	\$2.27	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	\$1.96	\$4.23		
Standby	\$0.85	\$0.09							\$0.94			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B35HE021	TS	BUCKET, DRAGLINE, 2.0 CY, MEDIUM WEIGHT							\$21,339			36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.13	\$0.12	\$2.25	\$0.00	\$0.00	\$0.00	\$0.00	\$1.68	\$1.68	\$3.93		
Severe	\$2.74	\$0.12	\$2.86	\$0.00	\$0.00	\$0.00	\$0.00	\$2.47	\$2.47	\$5.33		
Standby	\$1.07	\$0.12							\$1.19			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
B35HE022	TS	BUCKET, DRAGLINE, 2.5 CY, MEDIUM WEIGHT								\$24,607			41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.46	\$0.13	\$2.59	\$0.00	\$0.00	\$0.00	\$0.00	\$1.94	\$1.94	\$4.53			
Severe	\$3.16	\$0.14	\$3.30	\$0.00	\$0.00	\$0.00	\$0.00	\$2.85	\$2.85	\$6.15			
Standby	\$1.23	\$0.13							\$1.36				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
B35HE023	TS	BUCKET, DRAGLINE, 3.0 CY, MEDIUM WEIGHT								\$29,402			49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.94	\$0.16	\$3.10	\$0.00	\$0.00	\$0.00	\$0.00	\$2.31	\$2.31	\$5.41			
Severe	\$3.78	\$0.17	\$3.95	\$0.00	\$0.00	\$0.00	\$0.00	\$3.40	\$3.40	\$7.35			
Standby	\$1.47	\$0.16							\$1.63				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.20 MEDIUM WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B35HE025	TS	BUCKET, DRAGLINE, 4.0 CY, MEDIUM WEIGHT	\$42,020			70				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.20	\$0.23	\$4.43	\$0.00	\$0.00	\$0.00	\$0.00	\$3.31	\$3.31	\$7.74
Severe	\$5.40	\$0.24	\$5.64	\$0.00	\$0.00	\$0.00	\$0.00	\$4.86	\$4.86	\$10.50
Standby	\$2.10	\$0.23							\$2.33	

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
B35HE040	MH-S	BUCKET, DRAGLINE, 5.0 CY, HEAVY WEIGHT	\$71,155			127				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.40	\$0.38	\$6.78	\$0.00	\$0.00	\$0.00	\$0.00	\$5.04	\$5.04	\$11.82
Severe	\$8.00	\$0.39	\$8.39	\$0.00	\$0.00	\$0.00	\$0.00	\$7.20	\$7.20	\$15.59
Standby	\$3.20	\$0.38							\$3.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B35HE041	MH-S	BUCKET, DRAGLINE, 6.0 CY, HEAVY WEIGHT							\$76,199			136
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.86	\$0.41	\$7.27	\$0.00	\$0.00	\$0.00	\$0.00	\$5.40	\$5.40	\$12.67		
Severe	\$8.57	\$0.42	\$8.99	\$0.00	\$0.00	\$0.00	\$0.00	\$7.71	\$7.71	\$16.70		
Standby	\$3.43	\$0.41							\$3.84			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B35HE042	MH-S	BUCKET, DRAGLINE, 7.0 CY, HEAVY WEIGHT							\$98,054			175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.82	\$0.53	\$9.35	\$0.00	\$0.00	\$0.00	\$0.00	\$6.95	\$6.95	\$16.30		
Severe	\$11.03	\$0.54	\$11.57	\$0.00	\$0.00	\$0.00	\$0.00	\$9.92	\$9.92	\$21.49		
Standby	\$4.41	\$0.53							\$4.94			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C05S7001	MS241CM	CHAIN SAW, 18" GUIDE BAR			\$568	Gas	3.1	HP		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.26	\$0.00	\$0.26	\$0.97	\$0.12	\$0.00	\$0.00	\$0.73	\$1.82	\$2.08
Standby	\$0.13	\$0.00							\$0.13	
C05S7002	MS362RCM	CHAIN SAW, 25" GUIDE BAR			\$776	Gas	4.6	HP		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.35	\$0.01	\$0.36	\$1.44	\$0.18	\$0.00	\$0.00	\$1.00	\$2.62	\$2.98
Standby	\$0.18	\$0.01							\$0.19	
C05S7003	MS461R	CHAIN SAW, 32" GUIDE BAR			\$1,152	Gas	6	HP		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.01	\$0.53	\$1.88	\$0.23	\$0.00	\$0.00	\$1.49	\$3.60	\$4.13
Standby	\$0.26	\$0.01							\$0.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
C05S7004	MS880 MAGNUM	CHAIN SAW, 59" GUIDE BAR				\$2,224	Gas	8.6 HP		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.00	\$0.02	\$1.02	\$2.70	\$0.33	\$0.00	\$0.00	\$2.88	\$5.91	\$6.93
Standby	\$0.50	\$0.02							\$0.52	

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

BOMAG										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
C10BO001	BT60	COMPACTOR, RAMMER, TAMPER, 9" X 13.2" SHOE, 3,372 LBS IMPACT				\$3,172	Gas	4 HP		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.75	\$0.02	\$0.77	\$1.25	\$0.11	\$0.00	\$0.00	\$0.98	\$2.35	\$3.12
Standby	\$0.38	\$0.02							\$0.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

BOMAG										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C10BO003	BVP 10/36	COMPACTOR, VIBROPLATE, 14.2" X 22" PLATE, 2,250 LBS IMPACT			\$2,096	Gas	4	HP		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.01	\$0.51	\$1.25	\$0.11	\$0.00	\$0.00	\$0.65	\$2.02	\$2.53
Standby	\$0.25	\$0.01							\$0.26	
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C10BO004	BVP 18/45	COMPACTOR, VIBROPLATE, 17.7" X 22" PLATE, 4,050 LBS IMPACT			\$2,020	Gas	6	HP		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.48	\$0.01	\$0.49	\$1.88	\$0.17	\$0.00	\$0.00	\$0.63	\$2.68	\$3.17
Standby	\$0.24	\$0.01							\$0.25	
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C10BO008	BPR 50/55 D/E	COMPACTOR, VIBROPLATE, 29.5" X 35.4" PLATE, REVERSIBLE, 11,240 LBS IMPACT			\$12,030	D-Off	9	HP		9
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.86	\$0.07	\$2.93	\$1.72	\$0.16	\$0.00	\$0.00	\$3.73	\$5.61	\$8.54
Standby	\$1.43	\$0.07							\$1.50	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

WACKER CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C10WC003	DS 70	COMPACTOR, RAMMER, 13" X 13" SHOE, 3,550 LBS IMPACT								\$4,099	D-Off	4	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.97	\$0.03	\$1.00	\$0.76	\$0.07	\$0.00	\$0.00	\$1.27	\$2.10	\$3.10				
Standby	\$0.49	\$0.03							\$0.52					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C10WC006	BPU 2540 A	COMPACTOR, VIBROPLATE, 19.5" X 25.5" PLATE, REVERSIBLE, 5,600 LBS IMPACT								\$4,513	Gas	5.5	HP	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.07	\$0.03	\$1.10	\$1.72	\$0.16	\$0.00	\$0.00	\$1.40	\$3.28	\$4.38				
Standby	\$0.54	\$0.03							\$0.57					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C10WC007	BPU 3750A	COMPACTOR, VIBROPLATE, 19.7" WIDE PLATE, REVERSIBLE, 8,300 LBS IMPACT								\$6,142	Gas	8	HP	6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.46	\$0.04	\$1.50	\$2.51	\$0.23	\$0.00	\$0.00	\$1.91	\$4.65	\$6.15				
Standby	\$0.73	\$0.04							\$0.77					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

WACKER CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C10WC008	DPU 6555 HEC	COMPACTOR, VIBROPLATE, 22" X 35" PLATE, REVERSIBLE, 14,600 LBS IMPACT								\$14,562	D-Off	13.5	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.46	\$0.09	\$3.55	\$2.58	\$0.24	\$0.00	\$0.00	\$4.52	\$7.34	\$10.89				
Standby	\$1.73	\$0.09							\$1.82					

C10 0.20 ROLLERS, VIBRATORY

BOMAG

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C10BO009	BW 55E	COMPACTOR, ROLLER, VIBRATORY, 22"W X 15.7"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 2,250 LBS IMPACT								\$7,503	Gas	4	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.59	\$0.05	\$1.64	\$1.25	\$0.11	\$0.00	\$0.00	\$2.33	\$3.69	\$5.33				
Standby	\$0.80	\$0.05							\$0.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C10BO011	BW 65H	COMPACTOR, ROLLER, VIBRATORY, 25.6"W X 15.7"DIA, DOUBLE SMOOTH DRUMS, WALK BEHIND, 4,950 LBS IMPACT	\$20,367	D-On	8.3	HP	16			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.33	\$0.13	\$4.46	\$1.90	\$0.17	\$0.00	\$0.00	\$6.32	\$8.40	\$12.86
Standby	\$2.17	\$0.13							\$2.30	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C10BO013	BMP8500	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33.5"W X 20.5"DIA, DOUBLE TAMPING FOOT DRUMS, WALK BEHIND, 16,200 LBS IMPACT	\$31,257	D-On	19.4	HP	35			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.64	\$0.20	\$6.84	\$4.43	\$0.41	\$0.00	\$0.00	\$9.70	\$14.54	\$21.38
Standby	\$3.32	\$0.20							\$3.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C10MU001	MRH800GS	COMPACTOR, TRENCH ROLLER, VIBRATORY, 23"W X 14.6"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 7,875 LBS IMPACT		\$20,644	D-Off	11	HP	16		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.39	\$0.13	\$4.52	\$2.10	\$0.19	\$0.00	\$0.00	\$6.41	\$8.70	\$13.22
Standby	\$2.20	\$0.13							\$2.33	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C10MU002	RX157533	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33"W X 21.7"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 15,652 LBS IMPACT		\$36,945	D-Off	20.5	HP	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.85	\$0.24	\$8.09	\$3.91	\$0.36	\$0.00	\$0.00	\$11.47	\$15.74	\$23.83
Standby	\$3.93	\$0.24							\$4.17	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C10MU003	AR14H	COMPACTOR, ROLLER, VIBRATORY, 36"W X 22"DIA, DOUBLE SMOOTH DRUMS, RIDE ON, 3,400 LBF IMPACT		\$21,159	D-Off	21	HP	30		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.50	\$0.14	\$4.64	\$4.01	\$0.37	\$0.00	\$0.00	\$6.57	\$10.95	\$15.59
Standby	\$2.25	\$0.14							\$2.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C10WC010	RSS800A	COMPACTOR, ROLLER, VIBRATORY, 28"W X 22"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 3,400 LBS IMPACT	\$11,773	Gas	11 HP	11				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.50	\$0.08	\$2.58	\$3.45	\$0.32	\$0.00	\$0.00	\$3.65	\$7.42	\$10.00
Standby	\$1.25	\$0.08							\$1.33	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C10WC016	RTL 82-SC3	COMPACTOR, TRENCH ROLLER, VIBRATORY, 32"W X 20"DIA, DOUBLE TAMPING FOOT DRUMS, WALK BEHIND, 7,700/15,000 LBS IMPACT	\$44,039	D-On	19.8 HP	32				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.36	\$0.28	\$9.64	\$4.52	\$0.41	\$0.00	\$0.00	\$13.67	\$18.60	\$28.24
Standby	\$4.68	\$0.28							\$4.96	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C10WC017	RD7H E	COMPACTOR, ROLLER, VIBRATORY, 25.5"W X 16.5"DIA, DOUBLE SMOOTH DRUM, WALK BEHIND, 2,925 LBS IMPACT	\$16,616	D-Off	9 HP	16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.53	\$0.11	\$3.64	\$1.72	\$0.16	\$0.00	\$0.00	\$5.16	\$7.04	\$10.68
Standby	\$1.77	\$0.11							\$1.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C15BL001	1-8 DEC MKI&BDC- 1216	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 8" PATH (ADD 4 KVA GENERATOR & BLAST MEDIA COST)		\$9,045	Elec	2	HP	2		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.81	\$0.06	\$1.87	\$0.16	\$0.58	\$0.00	\$0.00	\$2.11	\$2.84	\$4.71
Standby	\$0.91	\$0.06							\$0.97	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C15BL003	1-10DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 10" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)		\$49,023	Elec	10	HP	11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.80	\$0.32	\$10.12	\$0.81	\$1.89	\$0.00	\$0.00	\$11.41	\$14.11	\$24.23
Standby	\$4.90	\$0.32							\$5.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C15BL004	1-15DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 15" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)							\$54,239	Elec	15 HP	8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.85	\$0.35	\$11.20	\$1.22	\$2.33	\$0.00	\$0.00	\$12.63	\$16.18	\$27.38			
Standby	\$5.43	\$0.35							\$5.78				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C15BL005	2-20DTMKII&B DC99DBP	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 20" PATH (ADD 75 KVA GENERATOR & BLAST MEDIA COST)							\$68,762	Elec	30 HP	12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.75	\$0.45	\$14.20	\$2.44	\$3.16	\$0.00	\$0.00	\$16.01	\$21.61	\$35.81			
Standby	\$6.88	\$0.45							\$7.33				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

EQUIPMENT DEVELOPMENT CO., INC. (EDCO)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C15ED001	TLR-7	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, 7" CUTTING WIDTH	\$8,901	Gas	11 HP		5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.78	\$0.06	\$1.84	\$2.68	\$0.33	\$0.00	\$0.00	\$2.07	\$5.08	\$6.92
Standby	\$0.89	\$0.06							\$0.95	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C15ED002	CPM-8	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, SCARIFIER, 8" CUTTING PATH	\$5,533	Gas	9 HP		2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.11	\$0.04	\$1.15	\$2.19	\$0.27	\$0.00	\$0.00	\$1.29	\$3.75	\$4.90
Standby	\$0.56	\$0.04							\$0.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.20 TRUCK/TRAILER MOUNTED

BLASTRAC										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
C15BL007	2-48DS & 2-48DC	CONCRETE BLASTER, SELF PROPELLED, 48" PATH	\$163,922		Elec	110	HP			51
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.39	\$0.96	\$17.35	\$12.12	\$9.78	\$0.00	\$0.00	\$19.08	\$40.98	\$58.33
Standby	\$8.20	\$0.96							\$9.16	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
C15XX001	BPZ 20-360	CONCRETE CLEANER/SHOT BLASTER, SELF PROPELLED, RIDE-ON, 20" BLAST WIDTH, UP TO 3,800 SF/HR (ADD COST FOR PROPANE FUEL)	\$100,561		Gas	350	HP			40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.06	\$0.59	\$10.65	\$116.49	\$14.26	\$0.00	\$0.00	\$11.71	\$142.45	\$153.10
Standby	\$5.03	\$0.59							\$5.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C20 CONCRETE BUGGIES

C20 0.00 CONCRETE BUGGIES

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C20XX001	WBH-16	CONCRETE BUGGY, 16 CF BUCKET, 2,500 LBS	\$12,594		Gas	12 HP	14			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.45	\$0.08	\$2.53	\$2.93	\$0.36	\$0.05	\$0.01	\$2.23	\$5.58	\$8.11
Standby	\$1.23	\$0.08							\$1.31	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C20XX002	107TT	CONCRETE BUGGY, 11.5 CF BUCKET, 1,500 LBS, CRAWLER MTD	\$14,339		Gas	8 HP	14			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.87	\$0.09	\$2.96	\$1.95	\$0.24	\$0.00	\$0.00	\$2.60	\$4.78	\$7.74
Standby	\$1.44	\$0.09							\$1.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ020	TR MP215	CONCRETE TROWEL, RIDING, 2 - 36" DIA ROTORS, 4 BLADED SPIDER, 145 RPM	\$13,634	Gas	22	HP	8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.18	\$0.09	\$2.27	\$5.36	\$0.66	\$0.00	\$0.00	\$2.26	\$8.27	\$10.54
Standby	\$1.09	\$0.09							\$1.18	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ022	TR MSP445	CONCRETE TROWEL, RIDING, 2 - 46" DIA ROTORS, 5 BLADED SPIDER, 45-180 RPM	\$21,832	Gas	37	HP	11			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.49	\$0.14	\$3.63	\$9.02	\$1.10	\$0.00	\$0.00	\$3.61	\$13.74	\$17.37
Standby	\$1.75	\$0.14							\$1.89	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ029	436P	CONCRETE FINISHER, WALK BEHIND, POWER ROTO TROWEL, 36" DIA ROTOR, 4 BLADES, 120 RPM	\$3,112	Gas	9	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.02	\$0.52	\$2.19	\$0.27	\$0.00	\$0.00	\$0.52	\$2.97	\$3.49
Standby	\$0.25	\$0.02							\$0.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25AJ030	MSP 455	CONCRETE TROWEL, RIDING, 2-46" DIA, 5 BLADED SPIDER, 165 RPM	\$26,369		Gas	37 HP	12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.22	\$0.17	\$4.39	\$9.02	\$1.10	\$0.00	\$0.00	\$4.37	\$14.49	\$18.88
Standby	\$2.11	\$0.17							\$2.28	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25AJ036	HDX780	CONCRETE TROWEL, RIDING, 2 - 60" DIA ROTORS, 6 BLADED, 130 RPM	\$80,587		D-Off	74 HP	29			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.89	\$0.51	\$13.40	\$11.17	\$1.20	\$0.00	\$0.00	\$13.34	\$25.71	\$39.11
Standby	\$6.45	\$0.51							\$6.96	

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25MU001	J36H90H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 36" DIA ROTOR, 4 BLADES	\$2,841		Gas	8 HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.45	\$0.02	\$0.47	\$1.95	\$0.24	\$0.00	\$0.00	\$0.47	\$2.66	\$3.13
Standby	\$0.23	\$0.02							\$0.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25MU002	B46H11H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 46" DIA ROTOR, 4 BLADES	\$3,090	Gas	9 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.49	\$0.02	\$0.51	\$2.19	\$0.27	\$0.00	\$0.00	\$0.51	\$2.97	\$3.48
Standby	\$0.25	\$0.02							\$0.27	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25WC002	CT48-8A	CONCRETE FINISHER, WALK BEHIND, POWER TROWEL, 48" DIA ROTOR, 4 BLADES	\$3,071	Gas	7.1 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.49	\$0.02	\$0.51	\$1.73	\$0.21	\$0.00	\$0.00	\$0.51	\$2.45	\$2.96
Standby	\$0.25	\$0.02							\$0.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ024	SA12	CONCRETE, PNEUMATIC VIBRATORY SCREED, VARIABLE WIDTH 65' MAX WIDTH (ADD 100CFM COMPRESSOR)	\$10,702				12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.71	\$0.07	\$1.78	\$0.00	\$0.00	\$0.00	\$0.00	\$1.77	\$1.77	\$3.55
Standby	\$0.86	\$0.07							\$0.93	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ026	HD7070 10'	CONCRETE, VIBRATORY POWER SCREED, 10' WIDTH	\$2,668	Gas	1.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.02	\$0.45	\$0.37	\$0.05	\$0.00	\$0.00	\$0.44	\$0.86	\$1.31
Standby	\$0.22	\$0.02							\$0.24	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ027	HD7070 16'	CONCRETE, VIBRATORY POWER SCREED, 16' WIDTH	\$2,978	Gas	1.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.48	\$0.02	\$0.50	\$0.37	\$0.05	\$0.00	\$0.00	\$0.49	\$0.91	\$1.41
Standby	\$0.24	\$0.02							\$0.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ028	RTF EPU ROLLER	CONCRETE, ROLLER TUBE FINISHER, UP TO 20' WIDTH, 4.5" DIA	\$3,727	Gas	2.5 HP		2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$0.61	\$0.07	\$0.00	\$0.00	\$0.62	\$1.30	\$1.92
Standby	\$0.30	\$0.02							\$0.32	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25AJ035	SE12	SCREED, ECCENTRIC SHAFT VIBRATORY SCREED, VARIABLE WIDTH UP TO 42.5' MAX	\$13,130	Gas	11 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.10	\$0.08	\$2.18	\$2.68	\$0.33	\$0.00	\$0.00	\$2.17	\$5.18	\$7.36
Standby	\$1.05	\$0.08							\$1.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25XX030	4' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 4' WIDTH	\$1,833		Gas	1.5 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$0.37	\$0.05	\$0.00	\$0.00	\$0.30	\$0.72	\$1.02
Standby	\$0.15	\$0.01							\$0.16	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25XX031	8' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 8' WIDTH	\$1,910		Gas	1.5 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.31	\$0.01	\$0.32	\$0.37	\$0.05	\$0.00	\$0.00	\$0.32	\$0.73	\$1.05
Standby	\$0.16	\$0.01							\$0.17	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25XX032	12.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 12.5' WIDTH	\$5,992		Gas	5.5 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.96	\$0.04	\$1.00	\$1.34	\$0.16	\$0.00	\$0.00	\$0.99	\$2.50	\$3.50
Standby	\$0.48	\$0.04							\$0.52	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C25XX033	15' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 15' WIDTH								\$6,531	Gas	5.5	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.04	\$0.04	\$1.08	\$1.34	\$0.16	\$0.00	\$0.00	\$1.08	\$2.59	\$3.67				
Standby	\$0.52	\$0.04							\$0.56					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C25XX034	22.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 22.5' WIDTH								\$11,024	Gas	9	HP	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.76	\$0.07	\$1.83	\$2.19	\$0.27	\$0.00	\$0.00	\$1.82	\$4.28	\$6.11				
Standby	\$0.88	\$0.07							\$0.95					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C25XX035	30' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 30' WIDTH								\$10,702	Gas	9	HP	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.71	\$0.07	\$1.78	\$2.19	\$0.27	\$0.00	\$0.00	\$1.77	\$4.23	\$6.01				
Standby	\$0.86	\$0.07							\$0.93					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25XX036	32.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 32.5' WIDTH	\$13,296	Gas	9 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.13	\$0.08	\$2.21	\$2.19	\$0.27	\$0.00	\$0.00	\$2.20	\$4.66	\$6.87
Standby	\$1.07	\$0.08							\$1.15	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25XX037	35' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 35' WIDTH	\$11,717	Gas	9 HP		4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.87	\$0.07	\$1.94	\$2.19	\$0.27	\$0.00	\$0.00	\$1.94	\$4.40	\$6.34
Standby	\$0.94	\$0.07							\$1.01	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25XX038	42.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 42.5' WIDTH	\$14,095	Gas	11 HP		4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.26	\$0.09	\$2.35	\$2.68	\$0.33	\$0.00	\$0.00	\$2.33	\$5.34	\$7.69
Standby	\$1.13	\$0.09							\$1.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
C25XX039	80' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 80' WIDTH								\$21,977	Gas	9	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.52	\$0.14	\$3.66	\$2.19	\$0.27	\$0.00	\$0.00	\$3.64	\$6.10	\$9.76				
Standby	\$1.76	\$0.14							\$1.90					

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
C25SV004	S-485	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 8' WIDTH								\$99,902	Gas	21	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.68	\$0.62	\$9.30	\$4.79	\$0.78	\$0.11	\$0.01	\$7.72	\$13.41	\$22.71				
Standby	\$4.34	\$0.62							\$4.96					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25SV005	S-840; S-940	CONCRETE, VIBRATORY SCREED, WALK BEHIND, 8' WIDTH	\$157,888		D-Off	24 HP	16			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.76	\$0.99	\$14.75	\$3.30	\$0.48	\$0.11	\$0.01	\$12.22	\$16.12	\$30.87
Standby	\$6.88	\$0.99							\$7.87	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25SV008	MINI SCREED C	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 80" SCREED WIDTH	\$35,741		Gas	6 HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.10	\$0.22	\$3.32	\$1.37	\$0.22	\$0.06	\$0.01	\$2.75	\$4.41	\$7.73
Standby	\$1.55	\$0.22							\$1.77	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25SV009	S-10A	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM	\$157,317		D-Off	35 HP	75			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.71	\$0.98	\$14.69	\$4.82	\$0.69	\$0.11	\$0.02	\$12.17	\$17.81	\$32.50
Standby	\$6.86	\$0.98							\$7.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25SV010	S-15R	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM	\$298,239	D-Off	44	HP	97			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.04	\$1.86	\$27.90	\$6.06	\$0.87	\$0.11	\$0.02	\$23.11	\$30.17	\$58.07
Standby	\$13.02	\$1.86							\$14.88	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C25SV011	S-22E	CONCRETE, VIBRATORY LASER SCREED, 14' WIDTH X 20' BOOM	\$522,887	D-Off	65	HP	136			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.69	\$3.26	\$48.95	\$8.95	\$1.29	\$0.11	\$0.02	\$40.54	\$50.90	\$99.85
Standby	\$22.85	\$3.26							\$26.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.30 MATERIAL/TOPPING SPREADERS

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25SV006	STS-11M	CONCRETE, MATERIAL/TOPPING SPREADER, 6' WIDTH, 20' BOOM	\$166,457		D-Off	35 HP	90			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.51	\$1.04	\$15.55	\$4.82	\$0.69	\$0.12	\$0.02	\$12.88	\$18.53	\$34.08
Standby	\$7.26	\$1.04							\$8.30	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C25SV007	COPPERHEA D XD 3.0	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 10' WIDTH	\$79,910		Gas	12 HP	9			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.96	\$0.50	\$7.46	\$2.74	\$0.44	\$0.06	\$0.01	\$6.18	\$9.43	\$16.89
Standby	\$3.48	\$0.50							\$3.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

AIRPLACO EQUIPMENT CO., INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
C35AF002	C-10SL	GUNITE MACHINE, MAX 15 CY/HR, HOPPER, 9 HP AIR POWERED, 3/4" MAX AGGREGATE, 300' MAX VERTICAL, 1000' MAX HORIZONTAL (ADD 365-900 CFM COMPRESSOR)	\$14,259				6			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.53	\$0.09	\$1.62	\$0.00	\$0.00	\$0.00	\$0.00	\$1.90	\$1.90	\$3.52
Standby	\$0.77	\$0.09							\$0.86	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
C35AF014	C10HHD	GUNITE MACHINE, MAX 15 CY/HR, HYDRAULIC MOTOR, 3/4" MAX AGGREGATE, 300' MAX VERTICAL, 1000' MAX HORIZONTAL (ADD 365-900 CFM COMPRESSOR)	\$12,413				8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.33	\$0.08	\$1.41	\$0.00	\$0.00	\$0.00	\$0.00	\$1.65	\$1.65	\$3.06
Standby	\$0.67	\$0.08							\$0.75	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

EQUIPMENT NORTH

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C35EN001	HALMAN EN CRETER	CONCRETE GUNTERS / SHOTCRETERS, SHOTCRETE HYDRAULIC SPRAYER ARM, 24' REACH (ADD TRUCK OR SMALL TRAILER & SHOTCRETE UNIT)		\$196,876	Elec	40	HP	91		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.09	\$1.21	\$22.30	\$3.48	\$3.99	\$0.00	\$0.00	\$26.19	\$33.66	\$55.96
Standby	\$10.55	\$1.21							\$11.76	

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C35PU001	R-900 BATCH MIX RIG	CONCRETE GUNTER/SHOTCRETER, DRY BATCH MIXER, 10 TON/HR, W/ELEVATOR FEEDER/ 20 CF CEMENT HOPPER/ 8 CF MIXER/ & PREDAMPENING SPRAY BAR, TRAILER MTD (ADD SHOTCRETE MACHINE OR ROTARY PUMP)		\$50,734	D-Off	35	HP	47		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.36	\$0.31	\$5.67	\$5.59	\$1.60	\$0.12	\$0.02	\$6.68	\$14.01	\$19.68
Standby	\$2.68	\$0.31							\$2.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C35PU002	GRH-610 ROTARY GUN	CONCRETE GUNTER/SHOTCRETER, ROTARY PUMP, WET/DRY, 1 - 6 CY/HR, W/HOPPER/ 100' - 1.5" DIA HOSE/ & NOZZLE, CART MTD, (ADD 250 - 600 CFM COMPRESSOR)	\$20,111		Elec	5 HP		11		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.15	\$0.12	\$2.27	\$0.44	\$0.38	\$0.00	\$0.00	\$2.68	\$3.49	\$5.76
Standby	\$1.08	\$0.12							\$1.20	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C35PU003	N-2 PNEUMATIC GUN	CONCRETE GUNTER/SHOTCRETER, DRY MIX, 2 - 8 CY/HR, W/2 PRESSURIZED TANKS/ 100' - 1.5" DIA HOSE/ & NOZZLE (ADD 200 - 900 CFM COMPRESSOR)	\$31,873		Air	9 CFM		13		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.41	\$0.20	\$3.61	\$0.00	\$0.30	\$0.00	\$0.00	\$4.24	\$4.54	\$8.15
Standby	\$1.71	\$0.20							\$1.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C35PU004	AG-15 AUTOMATIC GUN	CONCRETE GUNTER/SHOTCRETER, ROTARY PUMP, WET/DRY, 3 - 15 CY/HR (ADD 300 - 900 CFM COMPRESSOR)	\$16,151	Air	9	CFM	7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.73	\$0.10	\$1.83	\$0.00	\$0.40	\$0.00	\$0.00	\$2.15	\$2.55	\$4.38
Standby	\$0.87	\$0.10							\$0.97	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C35PU005	TK10	CONCRETE GUNTER/SHOTCRETER, GROUT/MUD JACK/ SHOTCRETE, 7 CY/HR, 2,085 PSI, 8 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)	\$58,080	D-Off	61	HP	40			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.19	\$0.36	\$6.55	\$9.75	\$1.54	\$0.06	\$0.01	\$7.69	\$19.06	\$25.61
Standby	\$3.10	\$0.36							\$3.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

PUTZMEISTER INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C35PU006	TK40	CONCRETE PUMP/SHOTCRETER, UP TO 40 CY/HR, 1150 PSI, 9.5 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)								\$78,002	D-Off	68 HP	56	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.31	\$0.48	\$8.79	\$10.87	\$1.16	\$0.09	\$0.01	\$10.33	\$22.46	\$31.25				
Standby	\$4.16	\$0.48							\$4.64					

REED MANUFACTURING

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C35RQ001	SOVA	CONCRETE GUNTER/SHOTCRETER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 315 CFM AIR COMPRESSOR)								\$23,893			5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.56	\$0.15	\$2.71	\$0.00	\$1.00	\$0.00	\$0.00	\$3.18	\$4.18	\$6.89				
Standby	\$1.28	\$0.15							\$1.43					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

REED MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C35RQ002	LOVA 16	CONCRETE GUNTER/SHOTCRETER, DRY MIX, UP TO 12 CY/HR, DUST EXTRACTION SYSTEM, 5/8" MAX AGGREGATE (ADD 450 CFM AIR COMPRESSOR)	\$15,767				7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.69	\$0.10	\$1.79	\$0.00	\$2.00	\$0.00	\$0.00	\$2.10	\$4.10	\$5.89
Standby	\$0.85	\$0.10							\$0.95	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C35RQ004	209E	CONCRETE GUNTER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 5KW GENERATOR)	\$30,400	Elec	5	HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.26	\$0.19	\$3.45	\$0.44	\$0.19	\$0.00	\$0.00	\$4.04	\$4.67	\$8.12
Standby	\$1.63	\$0.19							\$1.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C40CC001	SCD2-50	CONCRETE MIXERS, STATIONARY CONCRETE DISPENSER, 15 CY/HR, 2 - 4.5 CY MATERIAL CAPACITY	\$60,596	Elec	10 HP		23			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.70	\$0.38	\$10.08	\$0.81	\$0.39	\$0.00	\$0.00	\$10.03	\$11.23	\$21.31
Standby	\$4.85	\$0.38							\$5.23	

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C40MU001	WM70SH8	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 7 CF, TRAILER MTD	\$4,170	Gas	8 HP		8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.03	\$0.65	\$1.95	\$0.24	\$0.05	\$0.01	\$0.65	\$2.90	\$3.55
Standby	\$0.31	\$0.03							\$0.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C40MU002	WM120SHHD	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, TRAILER MTD	\$7,523	Gas	13 HP		11			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.16	\$0.05	\$1.21	\$3.17	\$0.39	\$0.05	\$0.01	\$1.21	\$4.83	\$6.04
Standby	\$0.58	\$0.05							\$0.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU003	MC64SH8	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD								\$4,820	Gas	8	HP	7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.73	\$0.03	\$0.76	\$1.95	\$0.24	\$0.05	\$0.01	\$0.76	\$3.01	\$3.77				
Standby	\$0.37	\$0.03							\$0.40					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU004	MC94SH8	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD								\$4,564	Gas	8	HP	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.69	\$0.03	\$0.72	\$1.95	\$0.24	\$0.05	\$0.01	\$0.72	\$2.97	\$3.69				
Standby	\$0.35	\$0.03							\$0.38					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU005	MC44SE	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD								\$2,962	Elec	0.5	HP	5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.43	\$0.02	\$0.45	\$0.04	\$0.22	\$0.05	\$0.01	\$0.46	\$0.77	\$1.22				
Standby	\$0.22	\$0.02							\$0.24					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU006	MC44SH	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD								\$3,439	Gas	5.5	HP	5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.51	\$0.02	\$0.53	\$1.34	\$0.16	\$0.05	\$0.01	\$0.54	\$2.10	\$2.63				
Standby	\$0.26	\$0.02							\$0.28					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU007	MC64SE	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD								\$3,735	Elec	2	HP	7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.56	\$0.02	\$0.58	\$0.16	\$0.33	\$0.05	\$0.01	\$0.58	\$1.13	\$1.71				
Standby	\$0.28	\$0.02							\$0.30					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C40MU008	MC94SE	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD								\$4,489	Elec	1.5	HP	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.68	\$0.03	\$0.71	\$0.12	\$0.36	\$0.05	\$0.01	\$0.71	\$1.24	\$1.95				
Standby	\$0.34	\$0.03							\$0.37					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX001	6E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 6 CF, ELECTRIC, PORTABLE	\$3,321	Elec	5.5	HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.53	\$0.02	\$0.55	\$0.45	\$0.41	\$0.00	\$0.00	\$0.55	\$1.41	\$1.96
Standby	\$0.27	\$0.02							\$0.29	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX002	9.5G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, GAS, PORTABLE	\$3,765	Gas	5.5	HP	7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$1.34	\$0.16	\$0.00	\$0.00	\$0.62	\$2.13	\$2.75
Standby	\$0.30	\$0.02							\$0.32	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX003	9.5E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, ELECTRIC, PORTABLE	\$3,705	Elec	1.5	HP	5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.59	\$0.02	\$0.61	\$0.12	\$0.26	\$0.00	\$0.00	\$0.61	\$0.99	\$1.60
Standby	\$0.30	\$0.02							\$0.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX005	12E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, ELECTRIC, PORTABLE	\$5,226	Elec	5	HP	12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.84	\$0.03	\$0.87	\$0.41	\$0.45	\$0.00	\$0.00	\$0.87	\$1.72	\$2.59
Standby	\$0.42	\$0.03							\$0.45	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX006	16E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, ELECTRIC, PORTABLE	\$10,790	Elec	5	HP	17			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.73	\$0.07	\$1.80	\$0.41	\$0.45	\$0.00	\$0.00	\$1.79	\$2.64	\$4.44
Standby	\$0.87	\$0.07							\$0.94	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C40XX007	16G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, GAS, PORTABLE	\$10,670	Gas	13	HP	13			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.71	\$0.07	\$1.78	\$3.17	\$0.39	\$0.00	\$0.00	\$1.77	\$5.32	\$7.10
Standby	\$0.86	\$0.07							\$0.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45GO011	COMMANDE R III (CURB	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM	\$356,680	D-On	185 HP		300			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.56	\$2.18	\$49.74	\$35.36	\$3.79	\$0.00	\$0.00	\$64.79	\$103.93	\$153.67
Standby	\$23.78	\$2.18							\$25.96	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45GO012	COMMANDE R III (4 TRA	CONCRETE PAVING MACHINES, CRAWLER , 4-TRACK, 16' PAVING WIDTH	\$541,621	D-Off	169 HP		369			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.22	\$3.30	\$75.52	\$27.01	\$2.89	\$0.00	\$0.00	\$98.38	\$128.28	\$203.80
Standby	\$36.11	\$3.30							\$39.41	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45GO013	GT-3200	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM	\$249,076	D-Off	92 HP		130			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.21	\$1.52	\$34.73	\$14.71	\$1.58	\$0.00	\$0.00	\$45.24	\$61.53	\$96.26
Standby	\$16.61	\$1.52							\$18.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO014	GT-3600	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM	\$281,680	D-Off	98 HP	210				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.56	\$1.72	\$39.28	\$15.66	\$1.68	\$0.00	\$0.00	\$51.16	\$68.50	\$107.78
Standby	\$18.78	\$1.72							\$20.50	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO016	GP-2600 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	\$875,053	D-Off	230 HP	750				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$116.67	\$5.34	\$122.01	\$36.76	\$3.94	\$0.00	\$0.00	\$158.94	\$199.64	\$321.65
Standby	\$58.34	\$5.34							\$63.68	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO018	GP3 2-Track	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	\$911,623	D-Off	300 HP	700				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$121.55	\$5.56	\$127.11	\$47.95	\$5.14	\$0.00	\$0.00	\$165.58	\$218.67	\$345.78
Standby	\$60.78	\$5.56							\$66.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO020	GP-4000 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 38' PAVING WIDTH	\$1,171,909	D-Off 450	HP	880				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$156.25	\$7.15	\$163.40	\$71.93	\$7.70	\$0.00	\$0.00	\$212.86	\$292.49	\$455.89
Standby	\$78.13	\$7.15							\$85.28	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO026	C-450X	CONCRETE PAVING MACHINES, CYLINDER FINISHER, SINGLE DRUM, FINISHING WIDTH 57'	\$111,183	Gas 36	HP	64				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.82	\$0.68	\$15.50	\$9.47	\$1.16	\$0.00	\$0.00	\$20.19	\$30.82	\$46.32
Standby	\$7.41	\$0.68							\$8.09	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO027	C-650-F	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'	\$168,846	D-Off 50	HP	91				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.51	\$1.03	\$23.54	\$7.99	\$0.86	\$0.00	\$0.00	\$30.67	\$39.51	\$63.05
Standby	\$11.26	\$1.03							\$12.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO028	C-650-S	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'	\$172,561	D-Off	50	HP	126			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.01	\$1.05	\$24.06	\$7.99	\$0.86	\$0.00	\$0.00	\$31.34	\$40.19	\$64.25
Standby	\$11.51	\$1.05							\$12.56	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO029	C-750	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 96'	\$180,393	Gas	36	HP	91			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.05	\$1.10	\$25.15	\$9.47	\$1.16	\$0.00	\$0.00	\$32.77	\$43.39	\$68.54
Standby	\$12.03	\$1.10							\$13.13	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C45GO031	9500	CONCRETE PAVING MACHINES, TRIMMER/PLACER, W/16' TRIMMER HEAD	\$622,448	D-Off	385	HP	729			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$82.99	\$3.80	\$86.79	\$61.54	\$6.59	\$0.00	\$0.00	\$113.06	\$181.19	\$267.98
Standby	\$41.50	\$3.80							\$45.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45GO032	GP4 2-TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	\$1,003,857	D-Off	300 HP		750			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$133.85	\$6.12	\$139.97	\$47.95	\$5.14	\$0.00	\$0.00	\$182.34	\$235.42	\$375.39
Standby	\$66.93	\$6.12							\$73.05	

M-B-W, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45MW002	C101	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 12" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT	\$79,493	D-Off	26.5 HP		26			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.55	\$0.49	\$11.04	\$4.24	\$0.45	\$0.06	\$0.01	\$14.38	\$19.15	\$30.19
Standby	\$5.28	\$0.49							\$5.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

M-B-W, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45MW003	CG200	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 48" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT	\$105,210	D-Off	26.5 HP		34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.96	\$0.64	\$14.60	\$4.24	\$0.45	\$0.08	\$0.01	\$19.04	\$23.83	\$38.43
Standby	\$6.98	\$0.64							\$7.62	

MILLER CURBER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45MJ001	MC 650	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 6.1 CF HOPPER 6" AUGER	\$10,102	Gas	13 HP		8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.35	\$0.06	\$1.41	\$3.42	\$0.42	\$0.00	\$0.00	\$1.83	\$5.67	\$7.08
Standby	\$0.68	\$0.06							\$0.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

MILLER CURBER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45MJ002	MC 350	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, USE FOR DECORATIVE LANDSCAPE BORDERS, 0.86 CF HOPPER, 4" AUGER	\$4,053	Gas	4 HP		2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.02	\$0.56	\$1.05	\$0.13	\$0.00	\$0.00	\$0.74	\$1.91	\$2.47
Standby	\$0.27	\$0.02							\$0.29	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C45MJ003	MC 550	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, SLIPFORM PAVER, 6.1 CF HOPPER, 6" AUGER	\$8,621	Gas	13 HP		7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.15	\$0.05	\$1.20	\$3.42	\$0.42	\$0.00	\$0.00	\$1.57	\$5.40	\$6.60
Standby	\$0.58	\$0.05							\$0.63	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

MILLER CURBER										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
C45MJ004	MC 900	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 9.0 CF HOPPER, 6" AUGER	\$15,417		Gas	20	HP			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.06	\$0.09	\$2.15	\$5.26	\$0.64	\$0.00	\$0.00	\$2.80	\$8.70	\$10.85
Standby	\$1.03	\$0.09							\$1.12	

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
C55MU001	C30HDG	CONCRETE PUMP, 25 CY/HR, SINGLE, TRAILER MTD	\$38,100		Gas	45	HP			29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.26	\$0.21	\$4.47	\$10.97	\$1.34	\$0.05	\$0.01	\$4.90	\$17.27	\$21.74
Standby	\$2.13	\$0.21							\$2.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C55MU002	LS-400	CONCRETE PUMP, 45 CY/HR, SINGLE, TRAILER MTD			\$67,134	D-Off	79	HP		49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.55	\$0.37	\$7.92	\$11.93	\$1.28	\$0.00	\$0.00	\$8.68	\$21.89	\$29.81
Standby	\$3.78	\$0.37							\$4.15	

OLIN PUMP										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C55OE011	15 95	CONCRETE PUMP, 100 CY/HR, TRAILER MTD TANDEM (OPEN LOOP HYDRAULIC SYSTEM)			\$134,864	D-Off	173	HP		70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.17	\$0.75	\$15.92	\$26.12	\$2.80	\$0.00	\$0.00	\$17.44	\$46.36	\$62.28
Standby	\$7.59	\$0.75							\$8.34	

SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
C55OE013	15 30	CONCRETE PUMP, 35 CY/HR, TRAILER MTD			\$52,967	D-Off	48	HP		44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.93	\$0.29	\$6.22	\$7.25	\$0.78	\$0.06	\$0.01	\$6.82	\$14.91	\$21.13
Standby	\$2.97	\$0.29							\$3.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

REED MANUFACTURING

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55RQ003	A30	CONCRETE PUMP, 30 CY/HR, 903 PSI, TRAILER MTD								\$62,437	D-Off	82	HP	46
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.99	\$0.35	\$7.34	\$12.38	\$1.33	\$0.06	\$0.01	\$8.04	\$21.81	\$29.15				
Standby	\$3.50	\$0.35							\$3.85					

SCHWING AMERICA INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55SC001	SP750-18	CONCRETE PUMP, 70 CY/HR, 1,100 PSI, TRAILER MTD								\$102,531	D-Off	100	HP	89
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.49	\$0.57	\$12.06	\$15.10	\$1.62	\$0.09	\$0.01	\$13.21	\$30.03	\$42.09				
Standby	\$5.75	\$0.57							\$6.32					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55SC002	SP2000	CONCRETE PUMP, 91 CY/HR, 1,566 PSI, TRAILER MTD								\$145,140	D-Off	173	HP	131
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.24	\$0.80	\$17.04	\$26.12	\$2.80	\$0.15	\$0.02	\$18.68	\$47.77	\$64.81				
Standby	\$8.12	\$0.80							\$8.92					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

SCHWING AMERICA INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55SC005	S28X	CONCRETE PUMP, 151 CY/HR, 77' BOOM, TRUCK MTD								\$375,976	D-On	425	HP	359
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$41.80	\$2.08	\$43.88	\$76.73	\$8.22	\$1.16	\$0.16	\$48.11	\$134.38	\$178.26				
Standby	\$20.90	\$2.08							\$22.98					
										Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55SC006	S39 SXD	CONCRETE PUMP, 208 CY/HR, 113' BOOM, TRUCK MTD								\$797,091	D-On	425	HP	470
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$89.18	\$4.41	\$93.59	\$76.73	\$8.22	\$1.16	\$0.16	\$102.57	\$188.84	\$282.43				
Standby	\$44.59	\$4.41							\$49.00					
										Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C55SC007	LB40 T5-20	CONCRETE CONVEYOR, 129' BOOM, 8.4 CY/MIN								\$649,293	D-On	425	HP	668
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$72.25	\$3.59	\$75.84	\$76.73	\$8.22	\$1.84	\$0.25	\$83.15	\$170.19	\$246.03				
Standby	\$36.13	\$3.59							\$39.72					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

SCHWING AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C55SC008	LB33 T4-20	CONCRETE CONVEYOR, 107' BOOM, 8.4 CY/MIN	\$551,505		D-On	425 HP	824			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.45	\$3.05	\$64.50	\$76.73	\$8.22	\$1.36	\$0.18	\$70.71	\$157.20	\$221.70
Standby	\$30.73	\$3.05							\$33.78	

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV001	CS10, PP440HF	CONCRETE SAW, WIRE SAW SYSTEM, INCLUDES ELECTRIC POWERED PP440HF HYDRAULIC POWER PACK (ADD 200V/32A SOURCE & COST FOR SAW WIRE WEAR & WATER)	\$40,589		Elec	17 HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.09	\$0.23	\$6.32	\$1.77	\$0.76	\$0.00	\$0.00	\$7.00	\$9.53	\$15.85
Standby	\$3.05	\$0.23							\$3.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV002	K760 CUT-N-BREAK	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, TWO 9" BLADE SYSTEM, CAN MAKE FLUSH FLOOR/WALL CUT (ADD COST FOR SAWBLADE WEAR & WATER)	\$2,255	Gas	5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$1.57	\$0.19	\$0.00	\$0.00	\$0.39	\$2.15	\$2.50
Standby	\$0.17	\$0.01							\$0.18	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV003	K970 CHAIN	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)	\$2,258	Gas	6.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$2.04	\$0.25	\$0.00	\$0.00	\$0.39	\$2.68	\$3.03
Standby	\$0.17	\$0.01							\$0.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV004	K970	CONCRETE SAW, 5" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$1,682	Gas	6.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$2.04	\$0.25	\$0.00	\$0.00	\$0.29	\$2.58	\$2.84
Standby	\$0.13	\$0.01							\$0.14	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV005	K970 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$4,530	Gas	6.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.68	\$0.03	\$0.71	\$2.04	\$0.25	\$0.00	\$0.00	\$0.78	\$3.07	\$3.78
Standby	\$0.34	\$0.03							\$0.37	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV006	K1270	CONCRETE SAW, 4.6" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$2,266	Gas	7.8 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$2.45	\$0.30	\$0.00	\$0.00	\$0.39	\$3.14	\$3.49
Standby	\$0.17	\$0.01							\$0.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV007	K3000 CUT-N-BREAK	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, TWO 9" BLADE SYSTEM, CAN MAKE FLUSH FLOOR/WALL CUT (ADD COST FOR SAWBLADE WEAR & WATER)	\$2,279	Gas	3.6	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$1.13	\$0.14	\$0.00	\$0.00	\$0.39	\$1.66	\$2.01
Standby	\$0.17	\$0.01							\$0.18	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV008	K760	CONCRETE SAW, 4.00" DEPTH, HAND HELD, 12" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$1,243	Gas	5	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.19	\$0.01	\$0.20	\$1.57	\$0.19	\$0.00	\$0.00	\$0.21	\$1.98	\$2.18
Standby	\$0.10	\$0.01							\$0.11	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV009	K3600 MKII	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$4,593	Gas	5.8 HP	1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.69	\$0.03	\$0.72	\$1.82	\$0.22	\$0.00	\$0.00	\$0.79	\$2.83	\$3.55
Standby	\$0.35	\$0.03							\$0.38	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV010	FS 400	CONCRETE SAW, 6.5" DEPTH, WALK BEHIND, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$3,013	Gas	11 HP	2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.45	\$0.02	\$0.47	\$3.45	\$0.42	\$0.00	\$0.00	\$0.52	\$4.39	\$4.86
Standby	\$0.23	\$0.02							\$0.25	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV011	FS 7000 D 20	CONCRETE SAW, 8" DEPTH, SELF PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$46,747	D-On	74 HP	21				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.01	\$0.27	\$7.28	\$16.90	\$2.45	\$0.00	\$0.00	\$8.06	\$27.41	\$34.69
Standby	\$3.51	\$0.27							\$3.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV012	FS 7000 D 36	CONCRETE SAW, 15" DEPTH, SELF PROPELLED, 36" BLADE, CLUTCH & ETRAC SYSTEM (ADD COST FOR SAWBLADE WEAR & WATER)	\$47,447	D-On	74	HP	21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.12	\$0.27	\$7.39	\$16.90	\$2.45	\$0.00	\$0.00	\$8.18	\$27.53	\$34.92
Standby	\$3.56	\$0.27							\$3.83	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV013	FS 7000 D 42	CONCRETE SAW, 17.25" DEPTH, SELF PROPELLED, 42" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$47,674	D-On	74	HP	21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.15	\$0.28	\$7.43	\$16.90	\$2.45	\$0.00	\$0.00	\$8.22	\$27.57	\$35.00
Standby	\$3.58	\$0.28							\$3.86	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV014	FS 3500 E 26	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 26" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)	\$21,510	Elec	30	HP	12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.23	\$0.12	\$3.35	\$3.13	\$1.34	\$0.00	\$0.00	\$3.71	\$8.18	\$11.53
Standby	\$1.62	\$0.12							\$1.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV017	K6500 CHAIN	CONCRETE SAW, 18" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)	\$7,124	Gas	7.4 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.04	\$1.11	\$2.32	\$0.28	\$0.00	\$0.00	\$1.23	\$3.83	\$4.94
Standby	\$0.54	\$0.04							\$0.58	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV018	K6500 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$8,461	Gas	7.4 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.27	\$0.05	\$1.32	\$2.32	\$0.28	\$0.00	\$0.00	\$1.46	\$4.06	\$5.38
Standby	\$0.64	\$0.05							\$0.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV019	WS220 & PP220	CONCRETE SAW, WALL SAW, 15.5" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP220 HYDRAULIC POWER PACK (ADD 200-480V/10A POWER SOURCE & COST FOR SAWBLADE WEAR & WATER)	\$54,484	Elec	6 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.17	\$0.31	\$8.48	\$0.63	\$0.27	\$0.00	\$0.00	\$9.40	\$10.30	\$18.78
Standby	\$4.09	\$0.31							\$4.40	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV020	FS 4600 G 20	CONCRETE SAW, 8.3" DEPTH, SELF-PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$37,100	Gas	48 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.57	\$0.21	\$5.78	\$15.05	\$1.84	\$0.00	\$0.00	\$6.40	\$23.29	\$29.07
Standby	\$2.79	\$0.21							\$3.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV021	FS 4600 G 30	CONCRETE SAW, 12.5" DEPTH, SELF PROPELLED, 30" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$37,100	Gas	48 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.57	\$0.21	\$5.78	\$15.05	\$1.84	\$0.00	\$0.00	\$6.40	\$23.29	\$29.07
Standby	\$2.79	\$0.21							\$3.00	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV023	FS 3500 E 30	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 30" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)	\$21,510	Elec	30 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.23	\$0.12	\$3.35	\$3.13	\$1.34	\$0.00	\$0.00	\$3.71	\$8.18	\$11.53
Standby	\$1.62	\$0.12							\$1.74	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV024	FS 4600 G 26	CONCRETE SAW, 12.5" DEPTH, SELF-PROPELLED, 26" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$37,100	Gas	48 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.57	\$0.21	\$5.78	\$15.05	\$1.84	\$0.00	\$0.00	\$6.40	\$23.29	\$29.07
Standby	\$2.79	\$0.21							\$3.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV025	FS 309 G 14	CONCRETE SAW, 4.625" DEPTH, MANUAL, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$2,154	Gas	9 HP	2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.32	\$0.01	\$0.33	\$2.82	\$0.35	\$0.00	\$0.00	\$0.37	\$3.54	\$3.87
Standby	\$0.16	\$0.01							\$0.17	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV026	FS 513 G 18	CONCRETE SAW, 6.625" DEPTH, SELF-PROPELLED, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	\$5,637	Gas	11 HP	4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.85	\$0.03	\$0.88	\$3.45	\$0.42	\$0.00	\$0.00	\$0.97	\$4.84	\$5.72
Standby	\$0.43	\$0.03							\$0.46	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C60HV027	FS 520	CONCRETE SAW, 7.70" MAX CUTTING DEPTH, WALK BEHIND(ADD COST FOR SAWBLADE WEAR & WATER)	\$8,474	Gas	21 HP	4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.27	\$0.05	\$1.32	\$6.58	\$0.81	\$0.00	\$0.00	\$1.46	\$8.85	\$10.17
Standby	\$0.64	\$0.05							\$0.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV028	CS 2512, PP455E	CONCRETE SAW, WIRE SAW SYSTEM, INCLUDES ELECTRIC POWERED PP455E HYDRAULIC POWER PACK (ADD UP TO 400V/63A SOURCE AND COST FOR SAW WIRE WEAR & WATER)	\$72,000	Elec	27	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.80	\$0.42	\$11.22	\$2.82	\$1.21	\$0.00	\$0.00	\$12.42	\$16.45	\$27.67
Standby	\$5.40	\$0.42							\$5.82	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C60HV029	WS440 HF, PP440HF	CONCRETE SAW, SAW, 21" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP440HF HYDRAULIC POWER PACK (ADD UP TO 200V/32A SOURCE & COST FOR SAWBLADE WEAR & WATER)	\$68,478	Elec	17.4	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.27	\$0.40	\$10.67	\$1.82	\$0.78	\$0.00	\$0.00	\$11.81	\$14.41	\$25.08
Standby	\$5.14	\$0.40							\$5.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV031	WS463 & PP455E	CONCRETE SAW, WALL SAW, 29" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP455E HYDRAULIC POWER PACK (ADD UP TO 400V/63A POWER SOURCE & COST FOR SAWBLADE WEAR & WATER)	\$74,459		Elec	34 HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.17	\$0.43	\$11.60	\$3.55	\$1.52	\$0.00	\$0.00	\$12.84	\$17.91	\$29.51
Standby	\$5.59	\$0.43							\$6.02	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV032	WS482HF & PP490	CONCRETE SAW, WALL SAW, 29" MAX CUTTING DEPTH, INCLUDES RAIL & ELECTRIC POWERED PP490 HYDRAULIC POWER PACK (ADD 480V POWER SOURCE AND ADD COST FOR BLADE WEAR/WATER)	\$92,405		Elec	26 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.86	\$0.53	\$14.39	\$2.71	\$1.16	\$0.00	\$0.00	\$15.93	\$19.81	\$34.20
Standby	\$6.93	\$0.53							\$7.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C60HV033	WSC40	CONCRETE SAW, CHAIN WALL SAW ACCESSORY, 16" MAX CUTTING DEPTH, USED FOR CORNERS & SMALL OPENINGS DUE TO MINIMAL OVERCUT REQUIRED (ATTACHMENT FOR HUSQVARNA WS482HF OR WS440)(ADD COST FOR CHAIN WEAR)	\$15,836		Elec	10	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.38	\$0.09	\$2.47	\$1.04	\$0.45	\$0.00	\$0.00	\$2.73	\$4.22	\$6.69
Standby	\$1.19	\$0.09							\$1.28	

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65AJ025	AHFV22	CONCRETE VIBRATOR, 2.2" HEAD, 21' SHAFT (INCLUDES 1.5 HP GAS MOTOR)	\$1,525		Gas	1.5	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$0.34	\$0.04	\$0.00	\$0.00	\$0.99	\$1.37	\$1.72
Standby	\$0.17	\$0.01							\$0.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65MU001	CV1A	CONCRETE VIBRATOR, 1.375" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	\$919		Elec	1 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.21	\$0.01	\$0.22	\$0.08	\$0.03	\$0.00	\$0.00	\$0.60	\$0.71	\$0.93
Standby	\$0.11	\$0.01							\$0.12	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65MU002	CV2A	CONCRETE VIBRATOR, 2.175" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	\$1,031		Elec	2 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.23	\$0.01	\$0.24	\$0.15	\$0.06	\$0.00	\$0.00	\$0.67	\$0.88	\$1.12
Standby	\$0.12	\$0.01							\$0.13	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65MU003	CV3A	CONCRETE VIBRATOR, 2.625" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	\$1,121		Elec	3 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.23	\$0.10	\$0.00	\$0.00	\$0.73	\$1.06	\$1.32
Standby	\$0.13	\$0.01							\$0.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65MU004	G55H	CONCRETE VIBRATOR, 2.325" HEAD, 21' SHAFT, W/GAS MOTOR ON CART	\$1,758		Gas	5.5 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.40	\$0.01	\$0.41	\$1.26	\$0.15	\$0.00	\$0.00	\$1.14	\$2.56	\$2.97
Standby	\$0.20	\$0.01							\$0.21	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65WC003	IRFU 57 W/ M2500	CONCRETE VIBRATOR, 2.3" HEAD, 16.5' SHAFT, HI-FREQ INTERNAL (ADD 2KV GENERATOR)	\$2,963		Elec	3 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.67	\$0.02	\$0.69	\$0.23	\$0.24	\$0.00	\$0.00	\$1.93	\$2.40	\$3.09
Standby	\$0.34	\$0.02							\$0.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C65WC005	H45 HEAD W/ A5000	CONCRETE VIBRATOR, 1.75" HEAD, 13' SHAFT, W/GAS MOTOR		\$1,628	Gas	5.5	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.37	\$0.01	\$0.38	\$1.26	\$0.15	\$0.00	\$0.00	\$1.06	\$2.47	\$2.85
Standby	\$0.19	\$0.01							\$0.20	

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75BD012	IC-35-2G	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.0 TON, 19' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		\$120,077	D-Off	49	HP	79		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.27	\$0.65	\$7.92	\$7.83	\$0.89	\$0.09	\$0.01	\$6.92	\$15.75	\$23.67
Standby	\$3.64	\$0.65							\$4.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C75BD013	IC-20-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 2.5 TON, 15' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 90°	\$99,092	D-Off	49	HP	64			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.99	\$0.54	\$6.53	\$7.83	\$0.89	\$0.09	\$0.01	\$5.71	\$14.54	\$21.07
Standby	\$3.00	\$0.54							\$3.54	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C75BD014	IC-80-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 9 TON, 24' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°	\$165,537	D-Off	74	HP	162			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.94	\$0.90	\$10.84	\$11.83	\$1.35	\$0.41	\$0.06	\$9.49	\$23.14	\$33.98
Standby	\$4.97	\$0.90							\$5.87	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
C75BD015	IC-250-3E	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 18.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°	\$267,700	D-Off	100	HP	377			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.99	\$1.45	\$17.44	\$15.98	\$1.83	\$1.02	\$0.14	\$15.27	\$34.23	\$51.67
Standby	\$8.00	\$1.45							\$9.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75BD017	IC-40-2D	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.5 TON, 19' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		\$127,947	D-Off	49	HP	90		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.67	\$0.69	\$8.36	\$7.83	\$0.89	\$0.38	\$0.05	\$7.32	\$16.47	\$24.83
Standby	\$3.84	\$0.69							\$4.53	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75BD018	IC-200-3J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		\$222,152	D-Off	100	HP	311		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.22	\$1.20	\$14.42	\$15.98	\$1.83	\$1.02	\$0.14	\$12.63	\$31.60	\$46.02
Standby	\$6.61	\$1.20							\$7.81	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75BD019	IC-400-3A	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 25 TON, 64' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°		\$380,888	D-Off	160	HP	549		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.75	\$2.06	\$24.81	\$25.57	\$2.92	\$2.40	\$0.32	\$21.72	\$52.94	\$77.75
Standby	\$11.38	\$2.06							\$13.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C75BD020	RT-400	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 60' BOOM, 4X4, 20' OFFSET, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°	\$356,693	D-Off	163 HP		519			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.72	\$1.93	\$22.65	\$26.05	\$2.98	\$5.96	\$0.80	\$19.87	\$55.66	\$78.31
Standby	\$10.36	\$1.93							\$12.29	

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C75GV016	RT9130E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 130 TON, 160' BOOM, 4X4, W/HOOK BLOCK & BALL	\$1,536,634	D-Off	320 HP		1762			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$90.51	\$8.31	\$98.82	\$51.15	\$5.85	\$17.77	\$2.40	\$86.61	\$163.78	\$262.60
Standby	\$45.26	\$8.31							\$53.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

GROVE CRANES (MANITOWOC)									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		
C75GV023	RT530E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 30 TON, 95' BOOM, 4X4							\$453,797	D-Off	164	HP	583
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$27.04	\$2.46	\$29.50	\$26.21	\$3.00	\$3.28	\$0.44	\$25.83	\$58.76	\$88.26			
Standby	\$13.52	\$2.46							\$15.98				

									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		
C75GV029	GCD15	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15 TON, 41' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB							\$199,024	D-Off	74	HP	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.94	\$1.08	\$13.02	\$11.83	\$1.35	\$0.53	\$0.07	\$11.40	\$25.18	\$38.20			
Standby	\$5.97	\$1.08							\$7.05				

									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		
C75GV031	RT765E2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 60 TON, 110' BOOM, 4X4, W/HOOK BLOCK & BALL							\$714,303	D-Off	260	HP	894
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$40.60	\$3.87	\$44.47	\$41.56	\$4.75	\$17.62	\$2.38	\$39.07	\$105.38	\$149.85			
Standby	\$20.30	\$3.87							\$24.17				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C75GV032	GRT880	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 135' BOOM, 4X4, W/HOOK BLOCK & BALL	\$839,102	D-Off	275 HP	1113				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.83	\$4.54	\$53.37	\$43.96	\$5.02	\$13.50	\$1.82	\$46.81	\$111.11	\$164.48
Standby	\$24.42	\$4.54							\$28.96	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C75LB001	RTC 8050 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 50 TON, 110' BOOM, 4X4	\$574,557	D-Off	195 HP	747				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.86	\$3.11	\$36.97	\$31.17	\$3.56	\$6.54	\$0.88	\$32.40	\$74.55	\$111.52
Standby	\$16.93	\$3.11							\$20.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C75LB002	RTC 8090 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 90 TON, 140' BOOM, 4X4								\$898,484	D-Off	270	HP	807
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$50.70	\$4.86	\$55.56	\$43.16	\$4.93	\$24.52	\$3.31	\$48.84	\$124.77	\$180.33				
Standby	\$25.35	\$4.86							\$30.21					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C75LB003	RTC 80110 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 100 TON, 140' BOOM, 6X6								\$1,153,504	D-Off	345	HP	1300
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$67.84	\$6.24	\$74.08	\$55.14	\$6.30	\$13.99	\$1.89	\$64.93	\$142.25	\$216.33				
Standby	\$33.92	\$6.24							\$40.16					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C75LB004	RTC 80150 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 150 TON, 195' BOOM, 6X6								\$1,450,197	D-Off	345	HP	1432
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$85.85	\$7.85	\$93.70	\$55.14	\$6.30	\$13.99	\$1.89	\$82.09	\$159.41	\$253.11				
Standby	\$42.93	\$7.85							\$50.78					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75LB005	TCC 750	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	\$929,752	D-Off	215	HP	1455			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.45	\$5.03	\$61.48	\$34.37	\$3.93	\$0.00	\$0.00	\$53.77	\$92.07	\$153.55
Standby	\$28.23	\$5.03							\$33.26	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75LB006	75 RT	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 75 TON, 142' BOOM, 4X4	\$781,033	D-Off	270	HP	930			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.12	\$4.23	\$50.35	\$43.16	\$4.93	\$8.29	\$1.12	\$44.11	\$101.62	\$151.97
Standby	\$23.06	\$4.23							\$27.29	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C75LB007	TCC 1400	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	\$1,439,242	D-Off	320	HP	2333			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.38	\$7.79	\$95.17	\$51.15	\$5.85	\$0.00	\$0.00	\$83.23	\$140.23	\$235.40
Standby	\$43.69	\$7.79							\$51.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TADANO MANTIS

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
C75TD001	GTC - 350	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 35 TON, 36' - 90' BOOM, LIFTING							\$541,313	D-Off	173 HP	715
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$32.87	\$2.93	\$35.80	\$27.65	\$3.16	\$0.00	\$0.00	\$31.30	\$62.12	\$97.92		
Standby	\$16.44	\$2.93							\$19.37			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
C75TD002	GTC - 500	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 50 TON, 36' - 114' BOOM, LIFTING							\$763,996	D-Off	260 HP	1039
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$46.39	\$4.13	\$50.52	\$41.56	\$4.75	\$0.00	\$0.00	\$44.18	\$90.49	\$141.01		
Standby	\$23.20	\$4.13							\$27.33			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
C75TD009	GR-350XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 35 TON, 112' BOOM, 4X4							\$390,170	D-Off	180 HP	537
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$23.17	\$2.11	\$25.28	\$28.77	\$3.29	\$3.28	\$0.44	\$22.15	\$57.93	\$83.21		
Standby	\$11.59	\$2.11							\$13.70			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C75TD010	GR-550XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 55TON, 175' BOOM, 4X4	\$496,823	D-Off	247	HP	882			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.49	\$2.69	\$32.18	\$39.48	\$4.51	\$4.32	\$0.58	\$28.18	\$77.08	\$109.26
Standby	\$14.75	\$2.69							\$17.44	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C75TD011	GR800XL-4	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 180' BOOM, 4X4	\$676,977	D-Off	247	HP	945			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.15	\$3.66	\$42.81	\$39.48	\$4.51	\$12.44	\$1.68	\$37.57	\$95.68	\$138.49
Standby	\$19.58	\$3.66							\$23.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.01 UNDER 26 TON

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C80XX001	BT3870	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 19 TON, 80' BOOM, 4X2	\$185,185		D-Off	240	HP	330		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.95	\$1.00	\$11.95	\$33.03	\$4.55	\$0.76	\$0.10	\$7.85	\$46.30	\$58.25
Severe	\$12.77	\$1.01	\$13.78	\$43.69	\$6.02	\$2.11	\$0.29	\$9.93	\$62.03	\$75.81
Standby	\$5.48	\$1.00							\$6.48	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C80XX002	BT5092	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 25 TON, 92' BOOM, 6X2	\$253,200		D-On	350	HP	600		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.83	\$1.37	\$16.20	\$57.61	\$7.93	\$1.41	\$0.19	\$10.65	\$77.80	\$94.00
Severe	\$17.30	\$1.39	\$18.69	\$76.20	\$10.49	\$3.93	\$0.53	\$13.46	\$104.61	\$123.30
Standby	\$7.42	\$1.37							\$8.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

GROVE CRANES (MANITOWOC)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80GV029	TMS750E	CRANES, HYDRAULIC, TRUCK MTD, 50 TON, 110' BOOM, 8X4X4								\$931,231	D-On	450 HP	926	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$48.67	\$4.99	\$53.66	\$74.07	\$7.33	\$2.37	\$0.32	\$40.66	\$124.76	\$178.42				
Severe	\$59.90	\$5.07	\$64.97	\$97.97	\$9.70	\$6.55	\$0.88	\$53.62	\$168.72	\$233.69				
Standby	\$24.34	\$4.99							\$29.33					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80GV030	TMS760E	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4X4								\$931,231	D-On	450 HP	926	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$48.67	\$4.99	\$53.66	\$74.07	\$7.33	\$2.37	\$0.32	\$40.66	\$124.76	\$178.42				
Severe	\$59.90	\$5.07	\$64.97	\$97.97	\$9.70	\$6.55	\$0.88	\$53.62	\$168.72	\$233.69				
Standby	\$24.34	\$4.99							\$29.33					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

GROVE CRANES (MANITOWOC)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80GV033	GMK3060-2	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 69 TON, 141' BOOM, 6X4X6								\$1,031,236	D-On	355 HP	782	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$53.22	\$5.53	\$58.75	\$58.44	\$5.79	\$7.24	\$0.98	\$44.55	\$116.99	\$175.74				
Severe	\$65.50	\$5.61	\$71.11	\$77.29	\$7.65	\$20.02	\$2.70	\$58.75	\$166.41	\$237.52				
Standby	\$26.61	\$5.53							\$32.14					

LINK-BELT CONSTRUCTION EQUIPMENT CO.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80LB009	HTC-8640 SL	CRANES, HYDRAULIC, TRUCK MTD, 40 TON, 110' BOOM, 8X4								\$647,842	D-On	365 HP	655	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$33.92	\$3.47	\$37.39	\$60.08	\$5.95	\$1.44	\$0.19	\$28.33	\$95.99	\$133.38				
Severe	\$41.75	\$3.53	\$45.28	\$79.46	\$7.87	\$3.90	\$0.53	\$37.36	\$129.12	\$174.40				
Standby	\$16.96	\$3.47							\$20.43					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C80LB011	HTC-8660 SERIIES II	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4							\$674,695	D-On	365 HP	655	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$35.35	\$3.62	\$38.97	\$60.08	\$5.95	\$1.44	\$0.19	\$29.52	\$97.18	\$136.15			
Severe	\$43.50	\$3.67	\$47.17	\$79.46	\$7.87	\$3.90	\$0.53	\$38.93	\$130.69	\$177.86			
Standby	\$17.68	\$3.62							\$21.30				

C80 0.03 66 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C80GV034	GMK4100L-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 115 TON, 197' BOOM, 8X6X8							\$1,571,366	D-On	430 HP	1029	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$73.11	\$8.37	\$81.48	\$70.78	\$7.01	\$5.75	\$0.78	\$69.79	\$154.11	\$235.59			
Severe	\$82.25	\$8.43	\$90.68	\$93.62	\$9.27	\$16.04	\$2.16	\$83.42	\$204.51	\$295.19			
Standby	\$36.56	\$8.37							\$44.93				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80GV035	TMS800E	CRANES, HYDRAULIC, TRUCK MTD, 80 TON, 128' BOOM, 8X4X4								\$1,061,634	D-On	402 HP	1049	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$49.42	\$5.65	\$55.07	\$66.17	\$6.55	\$2.37	\$0.32	\$47.17	\$122.59	\$177.66				
Severe	\$55.60	\$5.69	\$61.29	\$87.52	\$8.66	\$6.55	\$0.88	\$56.39	\$160.01	\$221.30				
Standby	\$24.71	\$5.65							\$30.36					

LINK-BELT CONSTRUCTION EQUIPMENT CO.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C80LB002	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6								\$963,505	D-Off	450 HP	795	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$44.94	\$5.13	\$50.07	\$61.94	\$6.13	\$1.82	\$0.25	\$42.89	\$113.03	\$163.10				
Severe	\$50.56	\$5.17	\$55.73	\$81.92	\$8.11	\$4.98	\$0.67	\$51.27	\$146.95	\$202.68				
Standby	\$22.47	\$5.13							\$27.60					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

LINK-BELT CONSTRUCTION EQUIPMENT CO.									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C80LB003	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6							\$963,505	D-Off	450 HP	795	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$44.94	\$5.13	\$50.07	\$61.94	\$6.13	\$1.82	\$0.25	\$42.89	\$113.03	\$163.10			
Severe	\$50.56	\$5.17	\$55.73	\$81.92	\$8.11	\$4.98	\$0.67	\$51.27	\$146.95	\$202.68			
Standby	\$22.47	\$5.13							\$27.60				

TADANO MANTIS

TADANO MANTIS									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
C80TD006	ATF 70G-4	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 75 TON, 145' BOOM, 8X6							\$961,551	D-Off	129 HP	D-On 435 HP	1067
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$43.70	\$5.12	\$48.82	\$29.31	\$2.90	\$9.63	\$1.30	\$41.87	\$85.02	\$133.84			
Severe	\$49.17	\$5.16	\$54.33	\$37.34	\$3.70	\$27.12	\$3.66	\$50.05	\$121.87	\$176.20			
Standby	\$21.85	\$5.12							\$26.97				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

TADANO MANTIS

										Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT	
C80TD007	ATF 100G-6	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 110 TON, 168' BOOM, 8X6								\$1,126,528	D-Off	175	HP	D- 435 HP On	945
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$51.96	\$6.00	\$57.96	\$35.64	\$3.53	\$6.97	\$0.94	\$49.67	\$96.75	\$154.71					
Severe	\$58.45	\$6.04	\$64.49	\$45.72	\$4.53	\$19.52	\$2.64	\$59.37	\$131.77	\$196.26					
Standby	\$25.98	\$6.00							\$31.98						

C80 0.04 OVER 125 TON

GROVE CRANES (MANITOWOC)

										Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT	
C80GV016	GMK6300L-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 350 TON, 263' BOOM, 12X8								\$2,837,295	D-Off	286	HP	D- 551 HP On	1843
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$118.62	\$15.02	\$133.64	\$54.00	\$5.35	\$12.11	\$1.63	\$127.43	\$200.52	\$334.16					
Severe	\$131.80	\$15.11	\$146.91	\$69.61	\$6.89	\$33.48	\$4.52	\$149.45	\$263.96	\$410.87					
Standby	\$59.31	\$15.02							\$74.33						

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

LINK-BELT CONSTRUCTION EQUIPMENT CO.										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
C80LB001	HTC 3140 LB	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 140 TON, 195' BOOM, 10X6								\$1,535,699	D-Off	581	HP	1099
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$64.51	\$8.13	\$72.64	\$79.97	\$7.92	\$2.80	\$0.38	\$69.25	\$160.31	\$232.95				
Severe	\$71.68	\$8.18	\$79.86	\$105.77	\$10.47	\$7.76	\$1.05	\$81.22	\$206.27	\$286.13				
Standby	\$32.26	\$8.13							\$40.39					

TADANO MANTIS

TADANO MANTIS										Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT	
C80TD004	ATF-130G-5	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 160 TON, 197' BOOM, 10X6								\$1,332,052	D-Off	173	HP	D- 551 HP On	1330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$54.98	\$7.05	\$62.03	\$38.44	\$3.81	\$10.02	\$1.35	\$59.17	\$112.79	\$174.82					
Severe	\$61.08	\$7.09	\$68.17	\$49.04	\$4.85	\$27.53	\$3.72	\$69.40	\$154.54	\$222.71					
Standby	\$27.49	\$7.05							\$34.54						

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.12 DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85LB019	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 80 TON, 100' BOOM (ADD BUCKET) (3 TRUCK LOADS FOR MOB/DMOB)	\$869,506	D-Off 270 HP		1454				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$43.48	\$4.83	\$48.31	\$31.17	\$4.04	\$0.00	\$0.00	\$46.75	\$81.96	\$130.27
Severe	\$53.51	\$4.90	\$58.41	\$40.76	\$5.28	\$0.00	\$0.00	\$64.31	\$110.35	\$168.76
Standby	\$21.74	\$4.83							\$26.57	

C85 0.13 DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY

LINK-BELT CONSTRUCTION EQUIPMENT CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85LB021	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 150 TON, 100' BOOM (ADD BUCKET)(7 TRUCK LOADS FOR MOB/DMOB)	\$1,423,324	D-Off 270 HP		2627				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.26	\$7.86	\$71.12	\$31.17	\$2.61	\$0.00	\$0.00	\$76.03	\$109.80	\$180.92
Severe	\$75.91	\$7.94	\$83.85	\$40.76	\$3.41	\$0.00	\$0.00	\$100.83	\$145.00	\$228.85
Standby	\$31.63	\$7.86							\$39.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.14 DRAGLINE, CLAMSHELL, OVER 5.0 CY

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85MA001	14000	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, UP TO 6.0 CY, 213' BOOM (12 TRUCK LOADS TO MOB/DMOB)(ADD BUCKET)	\$1,768,344	D-Off	340	HP	4590			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$70.73	\$9.72	\$80.45	\$39.25	\$3.60	\$0.00	\$0.00	\$93.96	\$136.81	\$217.26
Severe	\$88.42	\$9.83	\$98.25	\$51.33	\$4.71	\$0.00	\$0.00	\$128.63	\$184.67	\$282.92
Standby	\$35.37	\$9.72							\$45.09	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85MA003	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 7.0 CY, 140' BOOM (ADD BUCKET)	\$1,895,882	D-Off	375	HP	5100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.84	\$10.42	\$86.26	\$43.29	\$3.97	\$0.00	\$0.00	\$100.73	\$148.00	\$234.26
Severe	\$94.79	\$10.54	\$105.33	\$56.61	\$5.20	\$0.00	\$0.00	\$137.91	\$199.72	\$305.05
Standby	\$37.92	\$10.42							\$48.34	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

KOBELCO AMERICA INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85KC005	CK850G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 85 TON, 150' BOOM, LIFTING								\$682,448	D-Off	285 HP	1656	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$29.00	\$3.61	\$32.61	\$24.04	\$2.01	\$0.00	\$0.00	\$29.35	\$55.41	\$88.02				
Severe	\$36.26	\$3.66	\$39.92	\$31.64	\$2.65	\$0.00	\$0.00	\$38.85	\$73.14	\$113.06				
Standby	\$14.50	\$3.61							\$18.11					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85KC009	CK1100G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 110 TON, 200' BOOM, LIFTING								\$852,609	D-Off	285 HP	1985	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$36.24	\$4.51	\$40.75	\$24.04	\$2.01	\$0.00	\$0.00	\$36.67	\$62.72	\$103.47				
Severe	\$45.29	\$4.57	\$49.86	\$31.64	\$2.65	\$0.00	\$0.00	\$48.54	\$82.83	\$132.69				
Standby	\$18.12	\$4.51							\$22.63					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C85LB001	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 40' TUBULAR BOOM, LIFTING (3 TRUCK LOADS FOR MOB/DMOB)								\$869,506	D-Off	270	HP	1454
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$36.95	\$4.60	\$41.55	\$22.78	\$1.91	\$0.00	\$0.00	\$37.40	\$62.09	\$103.64				
Severe	\$46.19	\$4.66	\$50.85	\$29.97	\$2.51	\$0.00	\$0.00	\$49.50	\$81.98	\$132.83				
Standby	\$18.48	\$4.60							\$23.08					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
C85LB014	228 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 130 TON, 80' BOOM, LIFTING								\$1,137,281	D-Off	270	HP	2351
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$48.33	\$6.02	\$54.35	\$22.78	\$1.91	\$0.00	\$0.00	\$48.92	\$73.60	\$127.95				
Severe	\$60.42	\$6.10	\$66.52	\$29.97	\$2.51	\$0.00	\$0.00	\$64.74	\$97.22	\$163.74				
Standby	\$24.17	\$6.02							\$30.19					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C85LB015	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 150 TON, 240' BOOM, LIFTING (7 TRUCK LOADS FOR MOB/DMOB)		\$1,423,324	D-Off	270	HP	2627		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.49	\$7.53	\$68.02	\$22.78	\$1.91	\$0.00	\$0.00	\$61.22	\$85.91	\$153.93
Severe	\$75.61	\$7.63	\$83.24	\$29.97	\$2.51	\$0.00	\$0.00	\$81.03	\$113.51	\$196.75
Standby	\$30.25	\$7.53							\$37.78	

C85 0.24 LIFTING, OVER 150 TON

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
C85KC010	CK1600G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 160 TON, 250' BOOM, LIFTING		\$1,391,532	D-Off	363	HP	3042		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.76	\$7.33	\$61.09	\$30.62	\$2.81	\$0.00	\$0.00	\$60.81	\$94.24	\$155.33
Severe	\$65.71	\$7.41	\$73.12	\$40.29	\$3.70	\$0.00	\$0.00	\$78.24	\$122.23	\$195.35
Standby	\$26.88	\$7.33							\$34.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

KOBELCO AMERICA INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85KC011	CK2750G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 275 TON, 300' BOOM, LIFTING								\$1,872,834	D-Off	363	HP	4877
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$72.36	\$9.87	\$82.23	\$30.62	\$2.81	\$0.00	\$0.00	\$81.85	\$115.28	\$197.51				
Severe	\$88.44	\$9.97	\$98.41	\$40.29	\$3.70	\$0.00	\$0.00	\$105.30	\$149.29	\$247.70				
Standby	\$36.18	\$9.87							\$46.05					

LINK-BELT CONSTRUCTION EQUIPMENT CO.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85LB002	348 HYLAB 5	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 300 TON, 155' BOOM								\$2,505,074	D-Off	365	HP	5057
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$96.79	\$13.20	\$109.99	\$30.79	\$2.83	\$0.00	\$0.00	\$109.48	\$143.09	\$253.08				
Severe	\$118.30	\$13.34	\$131.64	\$40.52	\$3.72	\$0.00	\$0.00	\$140.85	\$185.09	\$316.73				
Standby	\$48.40	\$13.20							\$61.60					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

LINK-BELT CONSTRUCTION EQUIPMENT CO.										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85LB016	248 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 280' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)								\$1,900,507	D-Off	270 HP	3497	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$73.43	\$10.01	\$83.44	\$22.78	\$2.09	\$0.00	\$0.00	\$83.06	\$107.93	\$191.37				
Severe	\$89.75	\$10.12	\$99.87	\$29.97	\$2.75	\$0.00	\$0.00	\$106.86	\$139.58	\$239.45				
Standby	\$36.72	\$10.01							\$46.73					

MANITOWOC ENGINEERING CO.

MANITOWOC ENGINEERING CO.										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
C85MA007	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 250 TON, 260' BOOM, LIFTING								\$1,984,764	D-Off	400 HP	4942	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$76.68	\$10.46	\$87.14	\$33.74	\$3.10	\$0.00	\$0.00	\$86.74	\$123.58	\$210.72				
Severe	\$93.72	\$10.57	\$104.29	\$44.40	\$4.08	\$0.00	\$0.00	\$111.59	\$160.07	\$264.36				
Standby	\$38.34	\$10.46							\$48.80					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.24 LIFTING, OVER 150 TON

MANITOWOC ENGINEERING CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85MA013	MLC165-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 182 TON, 275' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)	\$1,099,085	D-Off	310	HP	3892			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.46	\$5.79	\$48.25	\$26.15	\$2.40	\$0.00	\$0.00	\$48.03	\$76.58	\$124.83
Severe	\$51.90	\$5.85	\$57.75	\$34.41	\$3.16	\$0.00	\$0.00	\$61.80	\$99.36	\$157.11
Standby	\$21.23	\$5.79							\$27.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
C85MA014	14000	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 213' BOOM, LIFTING (12 TRUCK LOADS TO MOB/DMOB)	\$1,768,344	D-Off	340	HP	4590			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$68.32	\$9.32	\$77.64	\$28.68	\$2.63	\$0.00	\$0.00	\$77.28	\$108.59	\$186.23
Severe	\$83.51	\$9.41	\$92.92	\$37.74	\$3.46	\$0.00	\$0.00	\$99.43	\$140.63	\$233.55
Standby	\$34.16	\$9.32							\$43.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C90 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED

C90 0.03 66 TON THRU 125 TON

MANITEX										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				CWT	
			7/1/2019		Main		Carrier			
C90MX001	6430	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 30 TON, 50' BOOM, DRAGLINE/CLAMSHELL CAPABLE, 6X4	\$849,667		D-Off	260 HP	D- On	260 HP	610	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.34	\$4.69	\$42.03	\$34.61	\$3.43	\$1.40	\$0.19	\$37.88	\$77.51	\$119.54
Severe	\$42.01	\$4.72	\$46.73	\$44.07	\$4.36	\$3.91	\$0.53	\$45.28	\$98.14	\$144.87
Standby	\$18.67	\$4.69							\$23.36	

C90 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				CWT	
			7/1/2019		Main		Carrier			
C90LB001	HC-238H II	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 150 TON, 260' BOOM, 8X4	\$1,866,978		D-Off	200 HP	D- On	445 HP	1913	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.74	\$10.26	\$84.00	\$33.12	\$3.28	\$5.79	\$0.78	\$84.17	\$127.14	\$211.14
Severe	\$81.93	\$10.31	\$92.24	\$41.71	\$4.13	\$16.01	\$2.16	\$98.72	\$162.73	\$254.97
Standby	\$36.87	\$10.26							\$47.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH024	172 EC-B 8 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 8.8 TON MAX, 2.1 TON @ 197' MAX RADIUS, 207' MAX HOOK HEIGHT W/ 12 COUNT - 13' 7" TALL SECTIONS (ADD 480V 3P 60HZ 100A POWER)	\$806,375	Elec	60 HP		1968			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.84	\$4.45	\$40.29	\$4.52	\$7.16	\$0.00	\$0.00	\$38.54	\$50.21	\$90.50
Standby	\$17.92	\$4.45							\$22.37	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH025	316 EC-H 12 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 13.2 TON MAX, 3 TON MAX @ 246' MAX RADIUS, 184' MAX HOOK HEIGHT W/ 10 COUNT - 13' 7" TALL SECTIONS (ADD 480V 3P 60HZ 200A POWER)	\$1,006,251	Elec	147 HP		2234			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.72	\$5.56	\$50.28	\$11.08	\$10.29	\$0.00	\$0.00	\$48.09	\$69.46	\$119.74
Standby	\$22.36	\$5.56							\$27.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH026	550 EC-H 20 LITRONIC	TOWER CRANE, TROLLEY JIB MODEL, 22 TON MAX, 4.4 TON @ 267' MAX RADIUS, 238' MAX HOOK HEIGHT W/ 13 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 250A POWER)	\$1,654,078	Elec	147	HP	4117			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.51	\$9.14	\$82.65	\$11.08	\$10.29	\$0.00	\$0.00	\$79.05	\$100.42	\$183.07
Standby	\$36.76	\$9.14							\$45.90	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH027	630 EC-H 20/40 LITRO	TOWER CRANE, TROLLEY JIB MODEL, 22 TON MAX, 6.4 TON @ 267' MAX RADIUS, 195' MAX HOOK HEIGHT W/ 10 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 250A POWER)	\$1,879,317	Elec	147	HP	4456			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.53	\$10.38	\$93.91	\$11.08	\$10.29	\$0.00	\$0.00	\$89.81	\$111.18	\$205.09
Standby	\$41.77	\$10.38							\$52.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH028	357 HC-L 12/24 LITRO	TOWER CRANE, LUFFING BOOM CRANE, 26.5 TON MAX, 3.5 TON @ 197' MAX RADIUS, 194' TOWER HEIGHT W/ 8 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 300A POWER)	\$2,033,458	Elec	147	HP	3350			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$90.38	\$11.23	\$101.61	\$11.08	\$12.29	\$0.00	\$0.00	\$97.18	\$120.55	\$222.16
Standby	\$45.19	\$11.23							\$56.42	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
C95LH029	542 CH-L 18/36 LITRO	TOWER CRANE, LUFFING BOOM CRANE, 35.3 TON MAX, 5.4 TON @ 197' MAX RADIUS, 175' TOWER HEIGHT W/ 7 COUNT - 19' TALL SECTIONS (ADD 480V 3P 60HZ 350A POWER)	\$2,331,047	Elec	215	HP	3984			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$103.60	\$12.88	\$116.48	\$16.21	\$15.73	\$0.00	\$0.00	\$111.40	\$143.35	\$259.83
Standby	\$51.80	\$12.88							\$64.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC,CRWLR MTD,0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill steel and bit wear)

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
D10WG001	AIRROC D40	DRILL, AIR TRACK, CRAWLER MTD, 2"-3" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 400 CFM COMPRESSOR)	\$96,891			56				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.59	\$0.56	\$6.15	\$0.00	\$0.00	\$0.00	\$0.00	\$7.36	\$7.36	\$13.51
Standby	\$2.80	\$0.56							\$3.36	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
D10WG002	AIRROC D50	DRILL, AIR TRACK, CRAWLER MTD, 2.5"-4" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 750 CFM COMPRESSOR)	\$153,972			106				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.88	\$0.90	\$9.78	\$0.00	\$0.00	\$0.00	\$0.00	\$11.69	\$11.69	\$21.47
Standby	\$4.44	\$0.90							\$5.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
D10WG003	AIRROC T25	DRILL, AIR TRACK, CRAWLER MTD, 2"-3" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 400 CFM COMPRESSOR)	\$98,504			55				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.68	\$0.57	\$6.25	\$0.00	\$0.00	\$0.00	\$0.00	\$7.48	\$7.48	\$13.73
Standby	\$2.84	\$0.57							\$3.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC, CRWLR MTD, 0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill steel and bit wear)

ATLAS COPCO WAGNER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
D10WG004	AIRROC T35	DRILL, AIR TRACK, CRAWLER MTD, 2.5"-4" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 750 CFM COMPRESSOR)								\$152,354			106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.79	\$0.89	\$9.68	\$0.00	\$0.00	\$0.00	\$0.00	\$11.57	\$11.57	\$21.25			
Standby	\$4.40	\$0.89							\$5.29				

SCHRAMM, INC

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
D10S2001	T450GT	DRILL, AIR TRACK, CRAWLER, GEOTHERMAL/WATER WELL RIG, 30,000 LBF PULLBACK, 3.5"-4.5" DIA, INCLUDES 1,050 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$1,167,013	D-Off	580 HP	591
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$67.33	\$6.80	\$74.13	\$97.86	\$10.48	\$0.00	\$0.00	\$88.62	\$196.96	\$271.09			
Standby	\$33.67	\$6.80							\$40.47				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D10 DRILLS, AIR/HYDRAULIC, CRWLR MTD, 0" THRU 6.5" DIA HOLE (Add cost for drill steel and bit wear)

D10 0.10 DRILLS, AIR TRACK (Add cost for drill steel and bit wear)

SCHRAMM, INC

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D10S2002	T685EX	DRILL, AIR TRACK, CRAWLER, MINERAL EXPLORATION, 40,000 LBF PULLBACK, 3.5"-5.5" DIA, INCLUDES 1,350 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$1,691,426	D-Off	905	HP	963			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$97.58	\$9.86	\$107.44	\$152.69	\$16.35	\$0.00	\$0.00	\$128.45	\$297.49	\$404.93
Standby	\$48.79	\$9.86							\$58.65	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D10S2003	T685WS	DRILL, AIR, TRUCK MTD, MINERAL EXPLORATION, 40,000 LBF PULLBACK, 3.5"-5.5" DIA, INCLUDES 1,350 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$1,697,868	D-Off	760	HP	746			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$97.28	\$9.90	\$107.18	\$128.23	\$13.73	\$1.79	\$0.24	\$128.27	\$272.26	\$379.44
Standby	\$48.64	\$9.90							\$58.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUND PIERCING (Ad)

BOR-IT MANUFACTURING COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D15BI001	12 MIGHTY MAX	DRILL, HORIZONTAL BORING, 4"-12" DIA, COMBINED HEAD 25,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD BACKHOE)	\$43,125	Gas	12 HP		10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.23	\$0.26	\$3.49	\$3.34	\$0.41	\$0.00	\$0.00	\$3.83	\$7.58	\$11.07
Standby	\$1.62	\$0.26							\$1.88	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D15BI003	24 BRUTE	DRILL, HORIZONTAL BORING, 8"-24" DIA, COMBINED HEAD 84,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$102,001	D-Off	30 HP		37			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.65	\$0.61	\$8.26	\$5.06	\$0.54	\$0.00	\$0.00	\$9.06	\$14.66	\$22.92
Standby	\$3.83	\$0.61							\$4.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUND PIERCING (Ad)

BOR-IT MANUFACTURING COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI004	30 POWER PLUS	DRILL, HORIZONTAL BORING, 12"-30" DIA, COMBINED HEAD 170,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$137,034		D-Off	45 HP	61			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.28	\$0.81	\$11.09	\$7.59	\$0.81	\$0.00	\$0.00	\$12.18	\$20.58	\$31.67
Standby	\$5.14	\$0.81							\$5.95	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI005	36 WORKHORSE	DRILL, HORIZONTAL BORING, 12"-36" DIA, COMBINED HEAD 300,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$175,155		D-Off	62 HP	106			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.14	\$1.04	\$14.18	\$10.46	\$1.12	\$0.00	\$0.00	\$15.56	\$27.14	\$41.32
Standby	\$6.57	\$1.04							\$7.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUND PIERCING (Ad)

BOR-IT MANUFACTURING COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI006	48 TERMINATOR	DRILL, HORIZONTAL BORING, 12"-48" DIA, COMBINED HEAD 754,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$269,692		D-Off	116 HP	200			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.23	\$1.60	\$21.83	\$19.57	\$2.10	\$0.00	\$0.00	\$23.96	\$45.63	\$67.46
Standby	\$10.12	\$1.60							\$11.72	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI007	60 DESTROYER	DRILL, HORIZONTAL BORING, 24"-60" DIA, COMBINED HEAD 1,000,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$335,765		D-Off	174 HP	265			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.18	\$1.99	\$27.17	\$29.36	\$3.14	\$0.00	\$0.00	\$29.83	\$62.34	\$89.51
Standby	\$12.59	\$1.99							\$14.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.10 DRILLS, HORIZONTAL BORING & GROUND PIERCING (Ad)

BOR-IT MANUFACTURING COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI008	54 TERMINATOR II	DRILL, HORIZONTAL BORING, 24"-54" DIA, COMBINED HEAD 754,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$303,371		D-Off	174 HP	296			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.75	\$1.80	\$24.55	\$29.36	\$3.14	\$0.00	\$0.00	\$26.95	\$59.46	\$84.01
Standby	\$11.38	\$1.80							\$13.18	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15BI009	42 THRUSTER BUSTER	DRILL, HORIZONTAL BORING, 12"-42" DIA, COMBINED HEAD 503,000 LBS THRUST W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$236,899		D-Off	97 HP	177			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.77	\$1.41	\$19.18	\$16.37	\$1.75	\$0.00	\$0.00	\$21.05	\$39.17	\$58.35
Standby	\$8.89	\$1.41							\$10.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D15XX003	RST-1400	DRILL, HORIZONTAL DIRECTIONAL, 1,400 GAL, TRAILER MOUNTED DRILLING FLUID MIXING SYSTEM, INCLUDES 3PH GEN SET	\$106,456	D-Off	30 HP		117			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.69	\$0.63	\$8.32	\$5.06	\$0.54	\$0.51	\$0.07	\$9.20	\$15.38	\$23.70
Standby	\$3.85	\$0.63							\$4.48	

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D15VE001	D8X12	DRILL, HORIZONTAL DIRECTIONAL, 1.66" DIA, 7,850 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL BIT WEAR)	\$109,964	D-Off	48 HP		60			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.25	\$0.65	\$8.90	\$8.10	\$0.87	\$0.00	\$0.00	\$9.77	\$18.74	\$27.64
Standby	\$4.13	\$0.65							\$4.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill)

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE002	D10X15 S3 HDD	DRILL, HORIZONTAL DIRECTIONAL, 1.66" DIA, 10,000 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$136,700	D-Off	60	HP	72
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.25	\$0.81	\$11.06	\$10.12	\$1.08	\$0.00	\$0.00	\$12.15	\$23.35	\$34.41				
Standby	\$5.13	\$0.81							\$5.94					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE004	D20x22 S3 HDD	DRILL, HORIZONTAL DIRECTIONAL, 1.9" DIA, 20,000 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$191,087	D-Off	74	HP	109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.33	\$1.14	\$15.47	\$12.49	\$1.34	\$0.00	\$0.00	\$16.98	\$30.81	\$46.28				
Standby	\$7.17	\$1.14							\$8.31					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE005	D24x40 S3	DRILL, HORIZONTAL DIRECTIONAL, 2.375" DIA, 24,000 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$325,463	D-Off	125	HP	207
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$24.41	\$1.93	\$26.34	\$21.09	\$2.26	\$0.00	\$0.00	\$28.92	\$52.27	\$78.61				
Standby	\$12.21	\$1.93							\$14.14					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill)

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE006	D40X55 S3 HDD	DRILL, HORIZONTAL DIRECTIONAL, 2.375" DIA, 32,700 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$477,708	D-Off	140	HP	289
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$35.83	\$2.84	\$38.67	\$23.62	\$2.53	\$0.00	\$0.00	\$42.44	\$68.59	\$107.26				
Standby	\$17.92	\$2.84							\$20.76					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE008	D100x120 S3	DRILL, HORIZONTAL DIRECTIONAL, 3.5" DIA, 100,000 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$998,431	D-Off	225	HP	435
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$74.88	\$5.93	\$80.81	\$37.96	\$4.07	\$0.00	\$0.00	\$88.71	\$130.74	\$211.55				
Standby	\$37.44	\$5.93							\$43.37					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
D15VE009	MX125	DRILL, HORIZONTAL DIRECTIONAL, 500 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)								\$10,370	Gas	5.5	HP	3.4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.78	\$0.06	\$0.84	\$1.53	\$0.19	\$0.00	\$0.00	\$0.92	\$2.64	\$3.48				
Standby	\$0.39	\$0.06							\$0.45					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

D15 0.20 DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill)

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D15VE010	MX300	DRILL, HORIZONTAL DIRECTIONAL, 750 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)		\$19,340	Gas	23	HP	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.45	\$0.11	\$1.56	\$6.41	\$0.78	\$0.00	\$0.00	\$1.72	\$8.91	\$10.47
Standby	\$0.73	\$0.11							\$0.84	

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel)

ACKER DRILL COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D20AD007	1200-G	DRILL, CORE, COLUMN MOUNTED, 12" DIA MAX CORE HOLE (ADD COST FOR DRILL STEEL AND BIT WEAR)		\$22,593	Gas	8	HP	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.14	\$2.26	\$2.23	\$0.94	\$0.00	\$0.00	\$2.37	\$5.54	\$7.80
Standby	\$1.06	\$0.14							\$1.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel)

DYNATECH

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
D20DN001	M-1 DRILL RIG COMBO	DRILL, CORE, COLUMN MOUNTED, 1" TO 14" BIT DIA, WEKA DK22S 4 MOTOR (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)	\$3,859			Elec	7.1	HP		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.36	\$0.02	\$0.38	\$0.66	\$0.28	\$0.00	\$0.00	\$0.40	\$1.35	\$1.73
Standby	\$0.18	\$0.02							\$0.20	

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
D20DN002	M-2 DRILL RIG COMBO	DRILL, CORE, COLUMN MOUNTED, 1" TO 10" BIT DIA, (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)	\$4,216			Elec	7.1	HP		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.40	\$0.03	\$0.43	\$0.66	\$0.28	\$0.00	\$0.00	\$0.44	\$1.39	\$1.82
Standby	\$0.20	\$0.03							\$0.23	

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
D20DN004	M-5 PRO COMB CORE	DRILL, CORE, COLUMN MOUNTED, 1" TO 16" BIT DIA, (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)	\$5,344			Elec	7.1	HP		7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.03	\$0.53	\$0.66	\$0.28	\$0.00	\$0.00	\$0.56	\$1.50	\$2.03
Standby	\$0.25	\$0.03							\$0.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel)

HUSQVARNA FOREST & GARDEN CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
D20HV001	DM280, DS450	DRILL, CORE, COLUMN MOUNTED, 14" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)	\$4,108	Elec	3.3	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.39	\$0.02	\$0.41	\$0.31	\$0.13	\$0.00	\$0.00	\$0.43	\$0.87	\$1.28
Standby	\$0.20	\$0.02							\$0.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
D20HV002	DM340, DS450	DRILL, CORE, COLUMN MOUNTED, 16" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)	\$4,737	Elec	3.3	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.03	\$0.47	\$0.31	\$0.13	\$0.00	\$0.00	\$0.50	\$0.94	\$1.41
Standby	\$0.22	\$0.03							\$0.25	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
D20HV003	DM650, DS900	DRILL, CORE, COLUMN MOUNTED, 24" DIA MAX CORE HOLE (ADD 120V POWER SOURCE)(ADD COST FOR DRILL STEEL AND BIT WEAR)	\$11,481	Elec	8	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.08	\$0.07	\$1.15	\$0.74	\$0.32	\$0.00	\$0.00	\$1.20	\$2.26	\$3.41
Standby	\$0.54	\$0.07							\$0.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel)

HUSQVARNA FOREST & GARDEN CO.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
D20HV022	DM406H, DS900, PP518	HYDRAULIC DRILL, CORE, COLUMN MOUNTED, 1"-24" BIT DIA WITH PP518 GAS POWERED HYDRAULIC POWER PACK AND DRILL STAND (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$21,302	Gas	14	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.00	\$0.13	\$2.13	\$3.90	\$0.24	\$0.00	\$0.00	\$2.23	\$6.37	\$8.50				
Standby	\$1.00	\$0.13							\$1.13					

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
D20XX069	DD 350-CA	DRILL CORE, COLUMN MOUNTED, 2-1/16" TO 19-11/16" DIAMETER RANGE, AUTO FEED, AUTO WATER CONTROL AND REBAR DETECTION								\$10,013	Elec	5	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.94	\$0.06	\$1.00	\$0.46	\$0.20	\$0.00	\$0.00	\$1.05	\$1.71	\$2.71				
Standby	\$0.47	\$0.06							\$0.53					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D20 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)

D20 0.00 DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D20XX070	DD 500-CA	DRILL CORE, COLUMN MOUNTED, 2-1/16" TO 19-11/16" DIAMETER RANGE, AUTO FEED, AUTO WATER CONTROL AND REBAR DETECTION, 3 PHASE		\$16,234	Elec	7	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.52	\$0.10	\$1.62	\$0.65	\$0.28	\$0.00	\$0.00	\$1.70	\$2.63	\$4.25
Standby	\$0.76	\$0.10							\$0.86	

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost for drill steel and b

ACKER DRILL COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D25AD003	BUSH MASTER	DRILL, CORE, SKID MTD, 1500' MAX DRILL DEPTH, 12,400 LB THRUST, 9,300 LB PULL (ADD COST FOR DRILL STEEL AND BIT WEAR)		\$188,954	D-Off	69	HP	45		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.17	\$1.12	\$15.29	\$11.64	\$1.07	\$0.00	\$0.00	\$18.65	\$31.36	\$46.65
Standby	\$7.09	\$1.12							\$8.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost for drill steel and b

ACKER DRILL COMPANY INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
D25AD004	ACE	DRILL, CORE, SKID MTD, 725' MAX DRILL DEPTH 9,424 LB THRUST, 12,566 LB PULL (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$119,127	D-Off	28 HP	23	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.93	\$0.71	\$9.64	\$4.72	\$0.43	\$0.00	\$0.00	\$11.76	\$16.91	\$26.55				
Standby	\$4.47	\$0.71							\$5.18					

E-Z DRILL, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
D25EZ002	210 B	DRILL, CORE, SKID MTD, 0.6"-2.5" DIA., 18" DEPTH, HORIZONTAL DOWELLING ASSEMBLY (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)								\$8,667			3	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.65	\$0.05	\$0.70	\$0.00	\$0.50	\$0.00	\$0.00	\$0.86	\$1.36	\$2.06				
Standby	\$0.33	\$0.05							\$0.38					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D25 DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)

D25 0.00 DRILLS, CORE & DOWELLING (Add cost for drill steel and b

E-Z DRILL, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
D25EZ003	210 B SRA	DRILL, CORE, SKID MTD, 0.6"-2.5" DIA., 18" DEPTH, HORIZONTAL DOWELLING ASSEMBLY (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)	\$9,726			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.73	\$0.06	\$0.79	\$0.00	\$0.50	\$0.00	\$0.00	\$0.96	\$1.46	\$2.25
Standby	\$0.37	\$0.06							\$0.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
D25EZ005	210-3 SRA	DRILL, CORE, SELF PROPELLED, 0.6"-2.5" DIA., 18" DEPTH, DOWELLING MACHINE (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 100 CFM COMPRESSOR)	\$36,254			20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.72	\$0.22	\$2.94	\$0.00	\$1.25	\$0.00	\$0.00	\$3.58	\$4.83	\$7.77
Standby	\$1.36	\$0.22							\$1.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting ed

DELMAG										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
D30DM025	RHV40	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 295,000 LB-FT TORQUE, 100' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER				\$2,520,269	D-Off	543 HP		2880
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$189.02	\$14.97	\$203.99	\$91.61	\$9.81	\$0.00	\$0.00	\$248.80	\$350.22	\$554.21
Standby	\$94.51	\$14.97							\$109.48	
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
D30DM026	RH24/270	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 200,000 LB-FT TORQUE, 80' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER				\$1,910,844	D-Off	370 HP		1330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$143.31	\$11.35	\$154.66	\$62.43	\$6.69	\$0.00	\$0.00	\$188.64	\$257.76	\$412.42
Standby	\$71.66	\$11.35							\$83.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting ed

HYDRAULIC POWER SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D30HD001	H-15	DRILL, AUGER, HYDRAULIC, W/60' 8" X 21" LEADS, 15,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)		\$302,279	D-Off	210	HP	146		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.67	\$1.80	\$24.47	\$35.43	\$5.79	\$0.00	\$0.00	\$29.84	\$71.07	\$95.54
Standby	\$11.34	\$1.80							\$13.14	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D30HD002	H-35VT	DRILL, AUGER, HYDRAULIC, W/60' 8" X 27" LEADS, 33,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)		\$348,303	D-Off	270	HP	200		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.12	\$2.07	\$28.19	\$45.55	\$7.88	\$0.00	\$0.00	\$34.38	\$87.81	\$116.00
Standby	\$13.06	\$2.07							\$15.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting ed

HYDRAULIC POWER SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D30HD003	H-50VT	DRILL, AUGER, HYDRAULIC, W/60' 8" X 33" LEADS, 50,000 FT-LBS TORQUE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR AND CRANE)	\$402,214	D-Off	335 HP		269			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.17	\$2.39	\$32.56	\$56.52	\$10.05	\$0.00	\$0.00	\$39.71	\$106.28	\$138.84
Standby	\$15.09	\$2.39							\$17.48	

MOBILE DRILL

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D30MR001	MINUTEMAN	DRILL, EARTH / AUGER, W/AUGER KIT, 3" DIA, 35' DEPTH, PORTABLE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)	\$17,562	Gas	8 HP		4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.32	\$0.10	\$1.42	\$2.23	\$0.27	\$0.00	\$0.00	\$1.73	\$4.24	\$5.66
Standby	\$0.66	\$0.10							\$0.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting ed

MOBILE DRILL

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				CWT	
			7/1/2019		Main	Carrier				
D30MR003	B-31 TRUCK	DRILL, EARTH / AUGER, HYDRAULIC AUGER, 6" DIA, 135' DEPTH, W/19.5K GVW TRUCK (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		\$161,728	D-Off	58	HP	Gas	230 HP	42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.93	\$0.96	\$12.89	\$17.80	\$2.03	\$0.53	\$0.07	\$15.77	\$36.20	\$49.09
Standby	\$5.97	\$0.96							\$6.93	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				CWT	
			7/1/2019		Main	Carrier				
D30MR005	B-48 TRUCK	DRILL, EARTH / AUGER, MULTI-PURPOSE, 6" DIA, 300' DEPTH, W/ 19.5K GVW TRUCK (W/PTO DRIVE)(ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)		\$347,460	D-Off	100	HP	Gas	230 HP	120
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.86	\$2.06	\$27.92	\$24.88	\$2.79	\$0.53	\$0.07	\$34.10	\$62.37	\$90.29
Standby	\$12.93	\$2.06							\$14.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D30 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)

D30 0.00 DRILLS, EARTH / AUGER (Add cost for drill steel, cutting ed

MOBILE DRILL										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
D30MR006	B-60 TRUCK	DRILL, EARTH / AUGER, MULTI-PURPOSE, 8" DIA, 250' DEPTH, W/45,000 GVW TRUCK (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)	\$417,528			D-Off	115 HP	D- 260 HP Off	130	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.97	\$2.48	\$33.45	\$25.17	\$2.70	\$0.92	\$0.12	\$40.87	\$69.78	\$103.23
Standby	\$15.49	\$2.48							\$17.97	

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for

REICHDRILL										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
D35RL007	T-650-DII	DRILL, ROTARY BLASTHOLE, 5"-6 3/4" DIA, 35,000 LBS PULL BACK, TRUCK MTD, 200' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$873,154			D-Off	540 HP	D- 505 HP On	600	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.31	\$4.92	\$58.23	\$104.52	\$15.14	\$1.46	\$0.20	\$65.89	\$187.22	\$245.45
Standby	\$26.66	\$4.92							\$31.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for

SANDVIK [DRILLTECH]

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
D35DT001	D25KS	DRILL, ROTARY BLASTHOLE, 5"-6.75" DIA., 27,000 LB PULLDOWN, CRAWLER, 88' DEEP(ADD COST FOR DRILL STEEL AND BIT WEAR)							\$1,006,117	D-Off	450 HP	620	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$61.91	\$5.67	\$67.58	\$75.92	\$11.00	\$0.00	\$0.00	\$76.40	\$163.32	\$230.90			
Standby	\$30.96	\$5.67							\$36.63				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
D35DT002	D245KS	DRILL, ROTARY BLASTHOLE, 5"-8" DIA., 40,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)							\$1,001,789	D-Off	450 HP	720	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$61.65	\$5.65	\$67.30	\$75.92	\$11.00	\$0.00	\$0.00	\$76.08	\$163.00	\$230.30			
Standby	\$30.83	\$5.65							\$36.48				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
D35DT003	D45KS	DRILL, ROTARY BLASTHOLE, 6"-9" DIA., 45,000 LB PULLDOWN, CRAWLER, 208' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)							\$1,800,911	D-Off	450 HP	1050	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$110.83	\$10.15	\$120.98	\$75.92	\$11.00	\$0.00	\$0.00	\$136.76	\$223.68	\$344.66			
Standby	\$55.42	\$10.15							\$65.57				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.11 DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for

SANDVIK [DRILLTECH]

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
D35DT004	D50KS	DRILL, ROTARY BLASTHOLE, 6"-9.875" DIA., 50,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$1,800,911	D-Off 525	HP	1050				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$110.83	\$10.15	\$120.98	\$88.58	\$12.84	\$0.00	\$0.00	\$136.76	\$238.18	\$359.16
Standby	\$55.42	\$10.15							\$65.57	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
D35DT005	D55SP	DRILL, ROTARY BLASTHOLE, 6.75"-10" DIA., 45,000 LB PULLDOWN, CRAWLER, 55' DEEP (SINGLE PASS) (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$1,802,344	D-Off 760	HP	1320				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$110.91	\$10.16	\$121.07	\$128.23	\$18.58	\$0.00	\$0.00	\$136.87	\$283.68	\$404.75
Standby	\$55.46	\$10.16							\$65.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel a

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D35WG001	T2W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$870,916	D-On	425 HP		447			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.96	\$4.86	\$50.82	\$85.76	\$10.50	\$1.96	\$0.26	\$56.83	\$155.32	\$206.14
Standby	\$22.98	\$4.86							\$27.84	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D35WG002	TH60	DRILL, ROTARY BLASTHOLE, WATER WELL, 5"-20" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$887,572	D-On	600 HP		549			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.85	\$4.95	\$51.80	\$121.07	\$14.82	\$1.96	\$0.26	\$57.93	\$196.04	\$247.84
Standby	\$23.43	\$4.95							\$28.38	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
D35WG003	TH60DH	DRILL, ROTARY BLASTHOLE, WATER WELL, 5"-20" DIA., 70,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$959,120	D-On	600 HP		549			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.66	\$5.35	\$56.01	\$121.07	\$14.82	\$1.96	\$0.26	\$62.64	\$200.75	\$256.76
Standby	\$25.33	\$5.35							\$30.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel a

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
D35WG004	T3W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 40,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$908,591	D-On	380	HP	660			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.97	\$5.07	\$53.04	\$76.68	\$9.39	\$1.96	\$0.26	\$59.31	\$147.60	\$200.64
Standby	\$23.99	\$5.07							\$29.06	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
D35WG005	T3WDH	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-24" DIA., 70,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$984,797	D-On	380	HP	668			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.03	\$5.50	\$57.53	\$76.68	\$9.39	\$1.96	\$0.26	\$64.33	\$152.62	\$210.15
Standby	\$26.02	\$5.50							\$31.52	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
D35WG006	T4W	DRILL, ROTARY BLASTHOLE, WATER WELL, 6"-20" DIA., 50,000 LB PULL BACK, TRUCK MTD (ADD COST FOR DRILL STEEL AND BIT WEAR)	\$989,456	D-On	755	HP	605			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.28	\$5.52	\$57.80	\$152.34	\$18.65	\$1.96	\$0.26	\$64.63	\$237.85	\$295.65
Standby	\$26.14	\$5.52							\$31.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D35 DRILLS, ROTARY BLASTHOLE (Add cost for drill steel and bit wear)

D35 0.12 DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel a

SANDVIK [DRILLTECH]

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
D35DT006	D75KS	DRILL, ROTARY BLASTHOLE, 9"-11" DIA., 75,000 LB PULLDOWN, CRAWLER, 173' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)		\$1,599,945	D-Off	760	HP	1400		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$85.33	\$8.93	\$94.26	\$128.23	\$15.70	\$0.00	\$0.00	\$105.30	\$249.22	\$343.48
Standby	\$42.67	\$8.93							\$51.60	

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
F10CS035	588H	FORK LIFT, ROUGH TERRAIN, 4,000 LB CAPCITY, 22' HIGH STRAIGHT MAST, 4X4		\$137,104	D-Off	68	HP	170		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.56	\$0.79	\$11.35	\$9.36	\$0.86	\$1.03	\$0.14	\$10.32	\$21.71	\$33.06
Standby	\$5.28	\$0.79							\$6.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
F10CS037	586H	FORK LIFT, ROUGH TERRAIN, 3,000 LB CAPACITY, 22' HIGH STRAIGHT MAST, 4X4	\$116,073	D-Off	68 HP		146			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.87	\$0.67	\$9.54	\$9.36	\$0.86	\$1.03	\$0.14	\$8.69	\$20.08	\$29.62
Standby	\$4.44	\$0.67							\$5.11	

JCB INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
F10JC001	930	FORK LIFT, ROUGH TERRAIN, 6,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4	\$90,181	D-Off	74 HP		148			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.85	\$0.52	\$7.37	\$10.19	\$0.94	\$1.28	\$0.17	\$6.71	\$19.28	\$26.65
Standby	\$3.43	\$0.52							\$3.95	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
F10JC002	940	FORK LIFT, ROUGH TERRAIN, 8,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4	\$99,398	D-Off	74 HP		168			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.58	\$0.57	\$8.15	\$10.19	\$0.94	\$1.28	\$0.17	\$7.43	\$20.00	\$28.15
Standby	\$3.79	\$0.57							\$4.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

JCB INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
F10JC014	950	FRONT LIFT, ROUGH TERRAIN, 10K LBS RATED @ 22' HIGH, STRAIGHT MAST, 4X4		\$108,045	D-Off	74	HP	173		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.27	\$0.62	\$8.89	\$10.19	\$0.94	\$1.28	\$0.17	\$8.10	\$20.67	\$29.56
Standby	\$4.14	\$0.62							\$4.76	

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX017	80 KW TRLR MTD	GENERATOR SET, TRAILER MTD, 80 KW, 1P - 240V, 3P - 480/208V		\$56,217	D-Off	115	HP	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.29	\$0.31	\$6.60	\$15.83	\$1.45	\$0.06	\$0.01	\$4.38	\$21.72	\$28.32
Severe	\$7.19	\$0.32	\$7.51	\$20.93	\$1.92	\$0.17	\$0.02	\$5.84	\$28.88	\$36.39
Standby	\$3.15	\$0.31							\$3.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX018	120 KW TRLR MTD	GENERATOR SET, TRAILER MTD, 120 KW, 1P - 120/240V, 3P 120/208V, 3P 120/240V, 3P 277/480V	\$87,577		D-Off	165 HP	82			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.79	\$0.48	\$10.27	\$22.71	\$2.08	\$0.11	\$0.01	\$6.81	\$31.73	\$42.00
Severe	\$11.19	\$0.49	\$11.68	\$30.04	\$2.76	\$0.33	\$0.04	\$9.08	\$42.26	\$53.94
Standby	\$4.90	\$0.48							\$5.38	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX042	2KW PORTABLE	GENERATOR SET, PORTABLE, 2KW, 1P, 120V	\$866		Gas	2.7 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$0.62	\$0.06	\$0.00	\$0.00	\$0.07	\$0.74	\$0.84
Severe	\$0.11	\$0.00	\$0.11	\$0.80	\$0.07	\$0.00	\$0.00	\$0.09	\$0.96	\$1.07
Standby	\$0.05	\$0.00							\$0.05	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX043	3KW PORTABLE	GENERATOR SET, PORTABLE, 3KW, 1P, 120V	\$966		Gas	4 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.11	\$0.01	\$0.12	\$0.91	\$0.08	\$0.00	\$0.00	\$0.08	\$1.07	\$1.19
Severe	\$0.12	\$0.01	\$0.13	\$1.19	\$0.11	\$0.00	\$0.00	\$0.10	\$1.40	\$1.53
Standby	\$0.06	\$0.01							\$0.07	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX044	6.5KW PORTABLE	GENERATOR SET, PORTABLE, 6.5KW, 120/240V	\$956		Gas	8.7 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.11	\$0.01	\$0.12	\$1.99	\$0.18	\$0.00	\$0.00	\$0.07	\$2.25	\$2.37
Severe	\$0.12	\$0.01	\$0.13	\$2.59	\$0.24	\$0.00	\$0.00	\$0.10	\$2.93	\$3.06
Standby	\$0.06	\$0.01							\$0.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10XX045	8KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 8 KW, 1P, 240V	\$11,293	D-Off 10.7	HP		11			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.24	\$0.06	\$1.30	\$1.47	\$0.13	\$0.05	\$0.01	\$0.87	\$2.52	\$3.82
Severe	\$1.42	\$0.06	\$1.48	\$1.95	\$0.18	\$0.14	\$0.02	\$1.16	\$3.44	\$4.92
Standby	\$0.62	\$0.06							\$0.68	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10XX046	13KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 13 KW, 1P, 240V	\$15,789	D-Off 22.3	HP		18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.75	\$0.09	\$1.84	\$3.07	\$0.28	\$0.05	\$0.01	\$1.22	\$4.63	\$6.47
Severe	\$2.00	\$0.09	\$2.09	\$4.06	\$0.37	\$0.15	\$0.02	\$1.62	\$6.23	\$8.32
Standby	\$0.88	\$0.09							\$0.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10XX047	30KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 30 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	\$36,342	D-Off 44	HP		32			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.06	\$0.20	\$4.26	\$6.06	\$0.56	\$0.06	\$0.01	\$2.82	\$9.50	\$13.76
Severe	\$4.64	\$0.20	\$4.84	\$8.01	\$0.74	\$0.17	\$0.02	\$3.76	\$12.70	\$17.54
Standby	\$2.03	\$0.20							\$2.23	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10XX048	35KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 35 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	\$37,498	D-Off 57	HP		34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.19	\$0.21	\$4.40	\$7.85	\$0.72	\$0.06	\$0.01	\$2.91	\$11.55	\$15.95
Severe	\$4.79	\$0.21	\$5.00	\$10.38	\$0.95	\$0.17	\$0.02	\$3.89	\$15.41	\$20.41
Standby	\$2.10	\$0.21							\$2.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
G10XX049	50KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 50 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	\$39,492	D-Off	67	HP	34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.41	\$0.22	\$4.63	\$9.22	\$0.85	\$0.06	\$0.01	\$3.07	\$13.20	\$17.83
Severe	\$5.04	\$0.22	\$5.26	\$12.20	\$1.12	\$0.17	\$0.02	\$4.09	\$17.60	\$22.86
Standby	\$2.21	\$0.22							\$2.43	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
G10WC001	GP 3800A	GENERATOR SET, PORTABLE, 3.7 KW, 120/240V, 60 HZ	\$2,539	Gas	8	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$1.83	\$0.17	\$0.00	\$0.00	\$0.20	\$2.20	\$2.50
Severe	\$0.33	\$0.01	\$0.34	\$2.38	\$0.22	\$0.00	\$0.00	\$0.26	\$2.86	\$3.20
Standby	\$0.15	\$0.01							\$0.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

WACKER CORPORATION

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10WC002	GP 5600A	GENERATOR SET, PORTABLE, 5.6 KW, 120/240V, 60 HZ							\$2,927	Gas	11	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.33	\$0.02	\$0.35	\$2.51	\$0.23	\$0.00	\$0.00	\$0.23	\$2.97	\$3.32			
Severe	\$0.38	\$0.02	\$0.40	\$3.28	\$0.30	\$0.00	\$0.00	\$0.31	\$3.89	\$4.29			
Standby	\$0.17	\$0.02							\$0.19				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10WC004	GPS 9700V	GENERATOR SET, PORTABLE, 9.7 KW, 120/240V, 60 HZ, WITH ELECTRIC START							\$3,892	Gas	18	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.44	\$0.02	\$0.46	\$4.11	\$0.38	\$0.00	\$0.00	\$0.30	\$4.79	\$5.25			
Severe	\$0.50	\$0.02	\$0.52	\$5.36	\$0.49	\$0.00	\$0.00	\$0.41	\$6.26	\$6.78			
Standby	\$0.22	\$0.02							\$0.24				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10CA012	C9 250KW	GENERATOR SET, SKID MTD, 250 EKW, 313 KVA, 208 VOLT, 60 HZ PGS PRIME	\$78,019	D-Off 480	HP		100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.02	\$0.42	\$7.44	\$66.07	\$6.07	\$0.00	\$0.00	\$5.70	\$77.83	\$85.27
Severe	\$8.78	\$0.43	\$9.21	\$87.38	\$8.02	\$0.00	\$0.00	\$8.14	\$103.54	\$112.75
Standby	\$3.51	\$0.42							\$3.93	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10CA013	C9 300KW	GENERATOR SET, SKID MTD, 300 EKW, 375 KVA, 240/480 VOLT, 60 HZ PGS PRIME	\$77,909	D-Off 480	HP		75			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.01	\$0.42	\$7.43	\$66.07	\$6.07	\$0.00	\$0.00	\$5.69	\$77.82	\$85.25
Severe	\$8.76	\$0.43	\$9.19	\$87.38	\$8.02	\$0.00	\$0.00	\$8.13	\$103.53	\$112.72
Standby	\$3.51	\$0.42							\$3.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10CA014	C15 500KW	GENERATOR SET, SKID MTD, 500 EKW, 480V, 60 HZ	\$110,367	D-Off 670	HP		120			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.93	\$0.59	\$10.52	\$92.22	\$8.47	\$0.00	\$0.00	\$8.06	\$108.74	\$119.26
Severe	\$12.42	\$0.61	\$13.03	\$121.97	\$11.20	\$0.00	\$0.00	\$11.51	\$144.68	\$157.71
Standby	\$4.97	\$0.59							\$5.56	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G10CA021	C18	GENERATOR SET, SKID MTD, 600 EKW, 750 KVA, 208-600V, 60 HZ PGS PRIME	\$132,729	D-Off 950	HP		167			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.95	\$0.71	\$12.66	\$130.76	\$12.00	\$0.00	\$0.00	\$9.69	\$152.45	\$165.11
Severe	\$14.93	\$0.73	\$15.66	\$172.94	\$15.88	\$0.00	\$0.00	\$13.84	\$202.66	\$218.32
Standby	\$5.98	\$0.71							\$6.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10XX005	20KW	GENERATOR SET, SKID MTD, 20 KW							\$13,605	D-Off	33.5	HP	17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.22	\$0.07	\$1.29	\$4.61	\$0.42	\$0.00	\$0.00	\$0.99	\$6.03	\$7.32			
Severe	\$1.53	\$0.08	\$1.61	\$6.10	\$0.56	\$0.00	\$0.00	\$1.42	\$8.08	\$9.69			
Standby	\$0.61	\$0.07							\$0.68				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10XX014	600D	GENERATOR SET, SKID MTD, 600 KW							\$114,685	D-Off	876	HP	137
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.32	\$0.62	\$10.94	\$120.57	\$11.07	\$0.00	\$0.00	\$8.37	\$140.01	\$150.95			
Severe	\$12.90	\$0.63	\$13.53	\$159.47	\$14.64	\$0.00	\$0.00	\$11.96	\$186.07	\$199.60			
Standby	\$5.16	\$0.62							\$5.78				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
G10XX015	855D	GENERATOR SET, SKID MTD, 855 KW								\$203,806	D-Off	1495 HP		172
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$18.34	\$1.10	\$19.44	\$205.77	\$18.89	\$0.00	\$0.00	\$14.88	\$239.54	\$258.98				
Severe	\$22.93	\$1.13	\$24.06	\$272.15	\$24.98	\$0.00	\$0.00	\$21.26	\$318.39	\$342.45				
Standby	\$9.17	\$1.10							\$10.27					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
G10XX016	1017D	GENERATOR SET, SKID MTD, 1,017 KW								\$228,505	D-Off	1692 HP		187
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.57	\$1.23	\$21.80	\$232.89	\$21.38	\$0.00	\$0.00	\$16.68	\$270.95	\$292.75				
Severe	\$25.71	\$1.26	\$26.97	\$308.01	\$28.28	\$0.00	\$0.00	\$23.83	\$360.12	\$387.09				
Standby	\$10.29	\$1.23							\$11.52					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
G10XX050	36KW SKID MTD	GENERATOR SET, SKID MOUNTED, 36 KW 45 KVA, 3P, 120/240, 277/480, 60HZ							\$23,436	D-Off	74	HP	17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.11	\$0.13	\$2.24	\$10.19	\$0.94	\$0.00	\$0.00	\$1.71	\$12.84	\$15.08			
Severe	\$2.64	\$0.13	\$2.77	\$13.47	\$1.24	\$0.00	\$0.00	\$2.44	\$17.15	\$19.92			
Standby	\$1.06	\$0.13							\$1.19				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
G10XX053	225KW	GENERATOR SET, SKID MOUNTED, 225KW, 280 KVA, 3P, 120/240, 277/480, 60HZ							\$48,280	D-Off	580	HP	85
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.35	\$0.26	\$4.61	\$79.83	\$7.33	\$0.00	\$0.00	\$3.52	\$90.68	\$95.29			
Severe	\$5.43	\$0.27	\$5.70	\$105.58	\$9.69	\$0.00	\$0.00	\$5.04	\$120.31	\$126.01			
Standby	\$2.18	\$0.26							\$2.44				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
G10XX054	120KW	GENERATOR SET, SKID MOUNTED, 120KW, 150 KVA, 3P, 110/220, 277/480, 60HZ								\$55,201	D-Off	241 HP	55	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.97	\$0.30	\$5.27	\$33.17	\$3.05	\$0.00	\$0.00	\$4.03	\$40.25	\$45.52				
Severe	\$6.21	\$0.31	\$6.52	\$43.87	\$4.03	\$0.00	\$0.00	\$5.76	\$53.65	\$60.17				
Standby	\$2.49	\$0.30							\$2.79					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
G10XX055	100KW	GENERATOR SET, SKID MOUNTED, 100KW, 125 KVA, 3P, 120/240, 277/480, 60HZ								\$40,870	D-Off	166 HP	58	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.68	\$0.22	\$3.90	\$22.85	\$2.10	\$0.00	\$0.00	\$2.98	\$27.93	\$31.83				
Severe	\$4.60	\$0.23	\$4.83	\$30.22	\$2.77	\$0.00	\$0.00	\$4.26	\$37.26	\$42.09				
Standby	\$1.84	\$0.22							\$2.06					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
G10XX056	64KW	GENERATOR SET, SKID MOUNTED, 64KW, 80 KVA, 3P, 120/240, 277/480, 60HZ							\$37,315	D-Off	133 HP	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.36	\$0.20	\$3.56	\$18.31	\$1.68	\$0.00	\$0.00	\$2.72	\$22.72	\$26.28			
Severe	\$4.20	\$0.21	\$4.41	\$24.21	\$2.22	\$0.00	\$0.00	\$3.89	\$30.32	\$34.73			
Standby	\$1.68	\$0.20							\$1.88				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
G10XX057	45KW	GENERATOR SET, SKID MOUNTED, 45KW, 56 KVA, 3P, 120/240, 277/480, 60HZ							\$24,669	D-Off	74 HP	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.22	\$0.13	\$2.35	\$10.19	\$0.94	\$0.00	\$0.00	\$1.80	\$12.93	\$15.28			
Severe	\$2.78	\$0.14	\$2.92	\$13.47	\$1.24	\$0.00	\$0.00	\$2.57	\$17.28	\$20.20			
Standby	\$1.11	\$0.13							\$1.24				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX058	720KW	GENERATOR SET, SKID MOUNTED, 720KW, 900 KVA, 3P, 120/208, 277/480, 60HZ	\$186,287		D-Off	1195 HP	212			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.77	\$1.00	\$17.77	\$164.48	\$15.10	\$0.00	\$0.00	\$13.60	\$193.18	\$210.95
Severe	\$20.96	\$1.03	\$21.99	\$217.54	\$19.97	\$0.00	\$0.00	\$19.43	\$256.94	\$278.93
Standby	\$8.39	\$1.00							\$9.39	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX059	1400KW	GENERATOR SET, SKID MOUNTED, 1400KW, 1750 KVA, 3P, 277/480, 60 HZ	\$433,258		D-Off	2174 HP	337			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.99	\$2.33	\$41.32	\$299.23	\$27.47	\$0.00	\$0.00	\$31.63	\$358.33	\$399.65
Severe	\$48.74	\$2.40	\$51.14	\$395.75	\$36.33	\$0.00	\$0.00	\$45.19	\$477.27	\$528.41
Standby	\$19.50	\$2.33							\$21.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10XX060	200KW	GENERATOR SET, SKID MOUNTED, 200KW, 250 KVA, 3P, 110/220, 277/480, 60 HZ							\$71,139	D-Off	322	HP	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.40	\$0.38	\$6.78	\$44.32	\$4.07	\$0.00	\$0.00	\$5.19	\$53.58	\$60.36			
Severe	\$8.00	\$0.39	\$8.39	\$58.62	\$5.38	\$0.00	\$0.00	\$7.42	\$71.42	\$79.81			
Standby	\$3.20	\$0.38							\$3.58				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
G10XX061	400KW	GENERATOR SET, SKID MOUNTED, 400KW, 500KVA, 3P, 120/240, 277/480, 60 HZ							\$116,797	D-Off	650	HP	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.51	\$0.63	\$11.14	\$89.47	\$8.21	\$0.00	\$0.00	\$8.53	\$106.21	\$117.35			
Severe	\$13.14	\$0.65	\$13.79	\$118.33	\$10.86	\$0.00	\$0.00	\$12.18	\$141.37	\$155.16			
Standby	\$5.26	\$0.63							\$5.89				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G10XX062	280KW	GENERATOR SET, SKID MTD, 280KW, 350KVA, 3P, 120/240, 277/480, 60 HZ	\$85,846		D-Off	450	HP	105		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.73	\$0.46	\$8.19	\$61.94	\$5.69	\$0.00	\$0.00	\$6.27	\$73.89	\$82.08
Severe	\$9.66	\$0.47	\$10.13	\$81.92	\$7.52	\$0.00	\$0.00	\$8.95	\$98.39	\$108.52
Standby	\$3.87	\$0.46							\$4.33	

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G15CS001	836C	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE, RIPPER	\$302,838		D-Off	220	HP	265		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.52	\$1.76	\$18.28	\$28.33	\$3.67	\$6.05	\$0.82	\$16.82	\$55.69	\$73.97
Severe	\$17.18	\$1.77	\$18.95	\$36.14	\$4.68	\$17.20	\$2.32	\$19.83	\$80.18	\$99.13
Standby	\$8.26	\$1.76							\$10.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
G15CS002	856C	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE, RIPPER								\$318,373	D-Off	220 HP	340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.42	\$1.86	\$19.28	\$28.33	\$3.67	\$6.05	\$0.82	\$17.72	\$56.59	\$75.87			
Severe	\$18.11	\$1.86	\$19.97	\$36.14	\$4.68	\$17.20	\$2.32	\$20.89	\$81.24	\$101.21			
Standby	\$8.71	\$1.86							\$10.57				

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
G15CA001	120-M2	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS								\$323,925	D-Off	145 HP	388
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.74	\$1.89	\$19.63	\$18.67	\$2.42	\$6.05	\$0.82	\$18.04	\$46.00	\$65.63			
Severe	\$18.45	\$1.89	\$20.34	\$23.82	\$3.09	\$17.20	\$2.32	\$21.27	\$67.70	\$88.04			
Standby	\$8.87	\$1.89							\$10.76				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
G15CA003	12-M3	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS								\$365,742	D-Off	179 HP	371
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$20.15	\$2.13	\$22.28	\$23.05	\$2.99	\$6.05	\$0.82	\$20.47	\$53.37	\$75.65			
Severe	\$20.95	\$2.14	\$23.09	\$29.41	\$3.81	\$17.20	\$2.32	\$24.12	\$76.87	\$99.96			
Standby	\$10.08	\$2.13							\$12.21				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
G15CA004	140-M3	GRADER, MOTOR, ARTICULATED, 6X4, 14' BLADE W/5 RIPPER/SCARIFIERS								\$403,634	D-Off	179 HP	388
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.33	\$2.35	\$24.68	\$23.05	\$2.99	\$6.05	\$0.82	\$22.66	\$55.56	\$80.24			
Severe	\$23.23	\$2.36	\$25.59	\$29.41	\$3.81	\$17.20	\$2.32	\$26.71	\$79.46	\$105.05			
Standby	\$11.17	\$2.35							\$13.52				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G15CA009	160-M3	GRADER, MOTOR, ARTICULATED, 6X4, 16' BLADE W/ RIPPER	\$468,652	D-Off	213 HP		453			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.09	\$2.73	\$28.82	\$27.43	\$3.55	\$6.05	\$0.82	\$26.43	\$64.28	\$93.10
Severe	\$27.13	\$2.74	\$29.87	\$34.99	\$4.53	\$17.20	\$2.32	\$31.15	\$90.20	\$120.07
Standby	\$13.05	\$2.73							\$15.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G15CA010	12M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/11 TEETH SCARIFIERS	\$421,042	D-Off	179 HP		427			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.34	\$2.45	\$25.79	\$23.05	\$2.99	\$4.94	\$0.67	\$23.67	\$55.32	\$81.11
Severe	\$24.27	\$2.46	\$26.73	\$29.41	\$3.81	\$13.63	\$1.84	\$27.90	\$76.59	\$103.32
Standby	\$11.67	\$2.45							\$14.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G15CA012	160M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 16' BLADE W/ RIPPER		\$526,552	D-Off	213	HP	453		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.43	\$3.07	\$32.50	\$27.43	\$3.55	\$6.84	\$0.92	\$29.78	\$68.53	\$101.03
Severe	\$30.60	\$3.08	\$33.68	\$34.99	\$4.53	\$20.17	\$2.72	\$35.10	\$97.52	\$131.20
Standby	\$14.72	\$3.07							\$17.79	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
G15CA038	120M2 AWD	MOTOR GRADER, ARTICULATED, 6X6, 12' BLADE		\$368,450	D-Off	179	HP	426		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.53	\$2.15	\$22.68	\$23.05	\$2.99	\$5.19	\$0.70	\$20.80	\$52.73	\$75.41
Severe	\$21.36	\$2.15	\$23.51	\$29.41	\$3.81	\$15.30	\$2.07	\$24.51	\$75.10	\$98.61
Standby	\$10.27	\$2.15							\$12.42	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G15CA039	140M3 AWD	MOTOR GRADER, ARTICULATED, 6X6, 14' BLADE	\$455,945	D-Off	179 HP		388			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.58	\$2.66	\$28.24	\$23.05	\$2.99	\$5.19	\$0.70	\$25.86	\$57.79	\$86.03
Severe	\$26.61	\$2.66	\$29.27	\$29.41	\$3.81	\$15.30	\$2.07	\$30.49	\$81.07	\$110.34
Standby	\$12.79	\$2.66							\$15.45	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
G15JD008	670G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS	\$310,402	D-Off	235 HP		423			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.96	\$1.81	\$18.77	\$30.26	\$3.92	\$6.05	\$0.82	\$17.26	\$58.31	\$77.08
Severe	\$17.63	\$1.81	\$19.44	\$38.61	\$5.00	\$17.20	\$2.32	\$20.35	\$83.48	\$102.92
Standby	\$8.48	\$1.81							\$10.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
G15JD009	672G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS								\$357,688	D-Off	255 HP	440	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.68	\$2.08	\$21.76	\$32.83	\$4.25	\$6.84	\$0.92	\$20.00	\$64.85	\$86.61				
Severe	\$20.47	\$2.09	\$22.56	\$41.89	\$5.43	\$20.17	\$2.72	\$23.57	\$93.78	\$116.34				
Standby	\$9.84	\$2.08							\$11.92					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
G15JD010	770G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS								\$338,286	D-Off	255 HP	428	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$18.56	\$1.97	\$20.53	\$32.83	\$4.25	\$6.05	\$0.82	\$18.88	\$62.82	\$83.35				
Severe	\$19.31	\$1.98	\$21.29	\$41.89	\$5.43	\$17.20	\$2.32	\$22.25	\$89.09	\$110.38				
Standby	\$9.28	\$1.97							\$11.25					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier		CWT	
G15JD011	772G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS			\$392,906	D-Off	275	HP		446
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.72	\$2.29	\$24.01	\$35.41	\$4.59	\$6.84	\$0.92	\$22.04	\$69.81	\$93.82
Severe	\$22.58	\$2.30	\$24.88	\$45.18	\$5.86	\$20.17	\$2.72	\$25.98	\$99.90	\$124.78
Standby	\$10.86	\$2.29							\$13.15	

LEE-BOY										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier		CWT	
G15LD008	685D	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/9 TEETH SCARIFIERS AND RIPPER			\$230,587	D-Off	130	HP		170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.10	\$1.34	\$14.44	\$16.74	\$2.17	\$0.86	\$0.12	\$13.20	\$33.09	\$47.53
Severe	\$13.63	\$1.35	\$14.98	\$21.36	\$2.77	\$2.54	\$0.34	\$15.56	\$42.58	\$57.56
Standby	\$6.55	\$1.34							\$7.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for poi

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP019	PH-06	HAMMERS, HYDRAULIC, 150 FT-LBS, IMPACT FREQUENCY 840 BPM (ADD 2,400-4,400 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$7,736			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.03	\$0.05	\$1.08	\$0.00	\$0.80	\$0.00	\$0.00	\$1.33	\$2.13	\$3.21
Standby	\$0.52	\$0.05							\$0.57	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP020	PH-07	HAMMERS, HYDRAULIC, 200 FT-LBS, IMPACT FREQUENCY 850 BPM (ADD 3,000-5,500 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$8,047			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.05	\$1.12	\$0.00	\$0.80	\$0.00	\$0.00	\$1.39	\$2.19	\$3.31
Standby	\$0.54	\$0.05							\$0.59	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP021	PH-1	HAMMERS, HYDRAULIC, 350 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 4,000-7,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$9,094			4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.06	\$1.27	\$0.00	\$1.20	\$0.00	\$0.00	\$1.57	\$2.77	\$4.04
Standby	\$0.61	\$0.06							\$0.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for poi

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP022	PH-2	HAMMERS, HYDRAULIC, 500 FT-LBS, IMPACT FREQUENCY 900 BPM (ADD 6,000-11,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$11,370			5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.52	\$0.07	\$1.59	\$0.00	\$1.20	\$0.00	\$0.00	\$1.96	\$3.16	\$4.75
Standby	\$0.76	\$0.07							\$0.83	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP023	PH-3	HAMMERS, HYDRAULIC, 750 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 8,000-16,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$18,029			8				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.40	\$0.11	\$2.51	\$0.00	\$1.60	\$0.00	\$0.00	\$3.11	\$4.71	\$7.22
Standby	\$1.20	\$0.11							\$1.31	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP024	PH-4	HAMMERS, HYDRAULIC, 1,300 FT-LBS, IMPACT FREQUENCY 730 BPM (ADD 12,000-18,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$24,424			10				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.26	\$0.15	\$3.41	\$0.00	\$1.60	\$0.00	\$0.00	\$4.21	\$5.81	\$9.22
Standby	\$1.63	\$0.15							\$1.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for poi

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP025	GH6	HAMMERS, HYDRAULIC, 2,000 FT-LBS, IMPACT FREQUENCY 650 BPM (ADD 22,000-31,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$43,198			22				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.76	\$0.26	\$6.02	\$0.00	\$2.00	\$0.00	\$0.00	\$7.45	\$9.45	\$15.47
Standby	\$2.88	\$0.26							\$3.14	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP026	GH7	HAMMERS, HYDRAULIC, 2,500 FT-LBS, IMPACT FREQUENCY 580 BPM (ADD 28,000-42,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$54,797			29				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.31	\$0.33	\$7.64	\$0.00	\$2.00	\$0.00	\$0.00	\$9.45	\$11.45	\$19.09
Standby	\$3.66	\$0.33							\$3.99	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H10NP027	GH9	HAMMERS, HYDRAULIC, 3,000 FT-LBS, IMPACT FREQUENCY 590 BPM (ADD 40,000-56,000 EXCAVATOR)(ADD COST FOR POINT WEAR)	\$64,172			36				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.56	\$0.39	\$8.95	\$0.00	\$2.00	\$0.00	\$0.00	\$11.07	\$13.07	\$22.02
Standby	\$4.28	\$0.39							\$4.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H10 0.00 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for poi

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP028	GH12	HAMMERS, HYDRAULIC, 5,500 FT-LBS, IMPACT FREQUENCY 430 BPM (ADD 56,000-86,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$89,065			57				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.88	\$0.54	\$12.42	\$0.00	\$2.40	\$0.00	\$0.00	\$15.36	\$17.76	\$30.18
Standby	\$5.94	\$0.54							\$6.48	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP029	GH15	HAMMERS, HYDRAULIC, 8,000 FT-LBS, IMPACT FREQUENCY 360 BPM (ADD 66,000-100,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$116,252			68				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.50	\$0.71	\$16.21	\$0.00	\$2.40	\$0.00	\$0.00	\$20.05	\$22.45	\$38.66
Standby	\$7.75	\$0.71							\$8.46	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H10NP030	GH40	HAMMERS, HYDRAULIC, 17,000 FT-LBS, IMPACT FREQUENCY 290 BPM (ADD 160,000-260,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)	\$281,519			170				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.54	\$1.72	\$39.26	\$0.00	\$2.40	\$0.00	\$0.00	\$48.55	\$50.95	\$90.21
Standby	\$18.77	\$1.72							\$20.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H10 HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

ENVIRO-PAK

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13EP001	4000HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON HAZARDOUS WASTE, HAZ-MAT STORAGE CONTAINER 40"X40"X40"	\$59,425		Elec	5	HP	32		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.05	\$0.33	\$5.38	\$0.38	\$0.43	\$0.00	\$0.00	\$4.92	\$5.73	\$11.11
Standby	\$2.53	\$0.33							\$2.86	

TEEMARK CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13TH001	DPC60-E50	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER	\$15,834		Elec	5	HP	20		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.35	\$0.09	\$1.44	\$0.38	\$0.18	\$0.00	\$0.00	\$1.31	\$1.87	\$3.31
Standby	\$0.68	\$0.09							\$0.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

TEEMARK CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
H13TH002	DPC60-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER								\$20,028	D-Off	9	HP	32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.70	\$0.11	\$1.81	\$1.24	\$0.11	\$0.00	\$0.00	\$1.66	\$3.01	\$4.82				
Standby	\$0.85	\$0.11							\$0.96					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
H13TH003	DPC85-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON DRUM CRUSHER								\$26,466	D-Off	9	HP	47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.25	\$0.15	\$2.40	\$1.24	\$0.11	\$0.00	\$0.00	\$2.19	\$3.54	\$5.94				
Standby	\$1.13	\$0.15							\$1.28					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13CO002	8041CC	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 37 TON HAZARD WASTE IN-DRUM , EXPLOSION PROOF		\$25,395	Elec	5	HP	167		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.16	\$0.14	\$2.30	\$0.38	\$0.43	\$0.00	\$0.00	\$2.10	\$2.91	\$5.21
Standby	\$1.08	\$0.14							\$1.22	

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

ENVIRO-PAK

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13EP002	9600HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON HAZARDOUS WASTE, B-25 METAL STORAGE CONTAINER 4'X4'X6'		\$66,782	Elec	7.5	HP	100		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.45	\$0.38	\$4.83	\$0.57	\$0.57	\$0.00	\$0.00	\$5.18	\$6.32	\$11.15
Standby	\$2.23	\$0.38							\$2.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
H13CO003	8551	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM	\$61,675	Elec	3	HP	270			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.11	\$0.35	\$4.46	\$0.23	\$0.36	\$0.00	\$0.00	\$4.79	\$5.38	\$9.84
Standby	\$2.06	\$0.35							\$2.41	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
H13CO004	8564	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER	\$76,038	Elec	3	HP	290			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.07	\$0.43	\$5.50	\$0.23	\$0.61	\$0.00	\$0.00	\$5.90	\$6.74	\$12.24
Standby	\$2.54	\$0.43							\$2.97	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
H13CO005	8560-EXL	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, EXPLOSION PROOF, W/LIQUID REMOVAL SYSTEM	\$100,049	Elec	3	HP	310			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.67	\$0.57	\$7.24	\$0.23	\$0.61	\$0.00	\$0.00	\$7.76	\$8.60	\$15.84
Standby	\$3.34	\$0.57							\$3.91	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13CO006	8560-EX	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER & SS PLATEN & CHAMBER		\$100,973	Elec	3	HP	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.73	\$0.57	\$7.30	\$0.23	\$0.46	\$0.00	\$0.00	\$7.84	\$8.53	\$15.83
Standby	\$3.37	\$0.57							\$3.94	

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13DC001	EP1000/32-48	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 48 CHAMBERS, 1M X 1M POLYPROPYLENE PLATES, 40 CF CAKE CAPACITY PER FILTER, 830 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG		\$64,371				108		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.15	\$0.37	\$5.52	\$0.00	\$0.00	\$0.00	\$0.00	\$5.99	\$5.99	\$11.51
Standby	\$2.58	\$0.37							\$2.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC002	EP1200/32-78	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 72 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG	\$157,344				244			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.59	\$0.91	\$13.50	\$0.00	\$0.00	\$0.00	\$0.00	\$14.65	\$14.65	\$28.15
Standby	\$6.30	\$0.91							\$7.21	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC003	EP1500/32-76	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 76 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG	\$215,029				236			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.20	\$1.24	\$18.44	\$0.00	\$0.00	\$0.00	\$0.00	\$20.02	\$20.02	\$38.46
Standby	\$8.60	\$1.24							\$9.84	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13DC004	EP1200/32-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 100 CHAMBERS, 1.5M X 1.5M POLYPROPYLENE PLATES, 200 CF CAKE CAPACITY PER FILTER, 4042 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG		\$243,642				255		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.49	\$1.40	\$20.89	\$0.00	\$0.00	\$0.00	\$0.00	\$22.69	\$22.69	\$43.58
Standby	\$9.75	\$1.40							\$11.15	

EVOQUA

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13EV001	PLC 25-1000	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ		\$69,867	Elec	1.5	HP	125		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.59	\$0.40	\$5.99	\$0.11	\$0.05	\$0.00	\$0.00	\$6.51	\$6.67	\$12.66
Standby	\$2.80	\$0.40							\$3.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

EVOQUA													
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H13EV003	PLC 115-1200	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ								\$152,291	Elec	1.5 HP	460
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.18	\$0.88	\$13.06	\$0.11	\$0.05	\$0.00	\$0.00	\$14.18	\$14.34	\$27.40			
Standby	\$6.09	\$0.88							\$6.97				
H13EV004	PLC 180-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ								\$306,134	Elec	3 HP	680
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.49	\$1.76	\$26.25	\$0.23	\$0.11	\$0.00	\$0.00	\$28.51	\$28.85	\$55.10			
Standby	\$12.25	\$1.76							\$14.01				
H13EV005	PLC 270-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 270 CF MAXI FILTER PRESS, 1,500 MM SQ								\$388,882	Elec	10 HP	1100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.11	\$2.24	\$33.35	\$0.75	\$0.36	\$0.00	\$0.00	\$36.21	\$37.32	\$70.67			
Standby	\$15.56	\$2.24							\$17.80				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC005	EP1200/32-78 TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 72 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, TRLR MTD	\$183,897		Air		304			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.42	\$1.02	\$16.44	\$0.00	\$0.10	\$0.55	\$0.07	\$15.04	\$15.77	\$32.21
Standby	\$7.71	\$1.02							\$8.73	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC006	EP1500/32-76 TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 76 CHAMBERS, 1.2M X 1.2M POLYPROPYLENE PLATES, 97 CF CAKE CAPACITY PER FILTER, 1825 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, TRLR MTD	\$241,646		Air		396			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.32	\$1.35	\$21.67	\$0.00	\$0.60	\$0.55	\$0.07	\$19.82	\$21.05	\$42.72
Standby	\$10.16	\$1.35							\$11.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC007	EP1000/32-48 M TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 48 CHAMBERS, 1M X 1M POLYPROPYLENE PLATES, 40 CF CAKE CAPACITY PER FILTER, 830 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, FLATBED SEMI TRAILER MTD		\$92,514			168			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.65	\$0.52	\$8.17	\$0.00	\$0.60	\$0.55	\$0.07	\$7.48	\$8.70	\$16.87
Standby	\$3.83	\$0.52							\$4.35	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H13DC008	EP1200/32-100 M TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 100 CHAMBERS, 1.5M X 1.5M POLYPROPYLENE PLATES, 200 CF CAKE CAPACITY PER FILTER, 4042 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG, FLATBED SEMI TRAILER MTD		\$270,163			315			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.75	\$1.50	\$24.25	\$0.00	\$0.60	\$0.55	\$0.07	\$22.18	\$23.41	\$47.66
Standby	\$11.38	\$1.50							\$12.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

EVOQUA										Value TEV		Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT	
H13EV002	PLC 100-1200M	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 100 CF STANDARD FILTER PRESS, 1,200 MM SQ, TRAILER MOUNTED								\$592,033	Elec	3	HP	145	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$50.11	\$3.30	\$53.41	\$0.23	\$1.61	\$0.55	\$0.07	\$48.82	\$51.29	\$104.70					
Standby	\$25.06	\$3.30							\$28.36						
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT	
H13EV006	PLC 25-1000-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ, FLATBED SEMI TRAILER MTD								\$477,796	Elec	1.5	HP	185	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$40.40	\$2.66	\$43.06	\$0.11	\$0.65	\$0.55	\$0.07	\$39.37	\$40.76	\$83.82					
Standby	\$20.20	\$2.66							\$22.86						
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT	
H13EV007	PLC 115-1200-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ, FLATBED SEMI TRAILER MTD								\$612,822	Elec	1.5	HP	520	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$51.87	\$3.41	\$55.28	\$0.11	\$0.65	\$0.55	\$0.07	\$50.55	\$51.93	\$107.21					
Standby	\$25.94	\$3.41							\$29.35						

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

EVOQUA

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13EV008	PLC 180-1500-TRLR	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ, FLATBED SEMI TRAILER MTD		\$903,476	Elec	3	HP	740		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$76.58	\$5.03	\$81.61	\$0.23	\$0.71	\$0.55	\$0.07	\$74.60	\$76.17	\$157.78
Standby	\$38.29	\$5.03							\$43.32	

SOMAT WASTE REDUCTION TECHNOLOGY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13S5001	1PB-6D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 6-15 GPM CAPACITY, TRAILER MOUNTED		\$78,676	Elec	3	HP	14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.47	\$0.44	\$6.91	\$0.23	\$0.11	\$0.55	\$0.07	\$6.33	\$7.30	\$14.21
Standby	\$3.24	\$0.44							\$3.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

SOMAT WASTE REDUCTION TECHNOLOGY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13S5002	1PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 15-40 GPM CAPACITY, TRAILER MOUNTED		\$123,366	Elec	5	HP	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.27	\$0.69	\$10.96	\$0.38	\$0.18	\$0.55	\$0.07	\$10.03	\$11.22	\$22.18
Standby	\$5.14	\$0.69							\$5.83	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13S5003	2PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 30-80 GPM CAPACITY, TRAILER MOUNTED		\$146,489	Elec	5	HP	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.24	\$0.82	\$13.06	\$0.38	\$0.18	\$0.55	\$0.07	\$11.95	\$13.13	\$26.19
Standby	\$6.12	\$0.82							\$6.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.30 CENTRIFUGES

NORTH STAR ENGINEERED PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13BC008	755	HAZARDOUS/TOXIC WASTE EQUIPMENT, CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB	\$58,551	Elec	5 HP		12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.71	\$0.38	\$12.09	\$0.38	\$0.18	\$0.00	\$0.00	\$10.60	\$11.16	\$23.25
Standby	\$5.86	\$0.38							\$6.24	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13BC014	805 TX	HAZARDOUS/TOXIC WASTE EQUIPMENT CENTRIFUGE FIXED SPEED, TIMER, 100 LB. DRY WEIGHT	\$29,642	Elec	5 HP		10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.93	\$0.19	\$6.12	\$0.38	\$0.18	\$0.00	\$0.00	\$5.37	\$5.93	\$12.05
Standby	\$2.97	\$0.19							\$3.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13MN001	52-32HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 32" X 52" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET/ BELT-TYPE INFEED & DISCHARGE CONVEYORS	\$498,185	D-Off	150	HP	200			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.01	\$2.77	\$44.78	\$20.65	\$5.21	\$0.85	\$0.11	\$46.08	\$72.90	\$117.68
Standby	\$21.01	\$2.77							\$23.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13MN002	62-40HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 38" X 62" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET, HOOK-TYPE INFEED FOR TIRES, & DISCHARGE CONVEYOR	\$579,675	D-Off	200	HP	300			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.82	\$3.23	\$52.05	\$27.53	\$6.95	\$1.15	\$0.16	\$53.56	\$89.34	\$141.39
Standby	\$24.41	\$3.23							\$27.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13MN003	62-40HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 38" X 62" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM	\$683,568	D-Off	200	HP	300			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.65	\$3.81	\$61.46	\$27.53	\$7.95	\$1.15	\$0.16	\$63.23	\$100.02	\$161.48
Standby	\$28.83	\$3.81							\$32.64	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13MN004	72-46HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 45" X 72" OPENING , TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM	\$759,876	D-Off	300	HP	400			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.14	\$4.23	\$68.37	\$41.29	\$10.42	\$1.15	\$0.16	\$70.34	\$123.36	\$191.73
Standby	\$32.07	\$4.23							\$36.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
H13SH001	ST-25	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 42" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)								\$779,009	Elec	20	HP	23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$66.22	\$4.34	\$70.56	\$1.51	\$0.65	\$0.00	\$0.00	\$72.54	\$74.70	\$145.26				
Standby	\$33.11	\$4.34							\$37.45					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
H13SH002	ST-25EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 46" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)								\$789,587	Elec	20	HP	25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$67.11	\$4.40	\$71.51	\$1.51	\$0.65	\$0.00	\$0.00	\$73.52	\$75.68	\$147.19				
Standby	\$33.56	\$4.40							\$37.96					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
H13SH005	ST-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 63" X 70" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)								\$1,161,313	Elec	100	HP	145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$98.71	\$6.47	\$105.18	\$7.54	\$3.24	\$0.00	\$0.00	\$108.14	\$118.92	\$224.10				
Standby	\$49.36	\$6.47							\$55.83					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13SH006	ST-400EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 75" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)		\$1,373,822	Elec	200	HP	350		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$116.77	\$7.65	\$124.42	\$15.08	\$6.47	\$0.00	\$0.00	\$127.93	\$149.48	\$273.90
Standby	\$58.39	\$7.65							\$66.04	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H13SH007	ST-400ES	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 53" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)		\$1,268,824	Elec	200	HP	300		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$107.85	\$7.07	\$114.92	\$15.08	\$6.47	\$0.00	\$0.00	\$118.15	\$139.70	\$254.62
Standby	\$53.93	\$7.07							\$61.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.51 SOIL TREATMENT PLANT, MOBILE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier		CWT			
H13XX025	A36	WINDROW TURNER, FOR MASS COMPOST, 2000 CY/HR, CAPABLE OF 12' X 6' WINDROWS, CRAWLER MOUNTED	\$292,401	D-Off	154	HP	140			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.85	\$1.63	\$26.48	\$21.20	\$2.27	\$0.00	\$0.00	\$30.25	\$53.72	\$80.20
Standby	\$12.43	\$1.63							\$14.06	

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier		CWT			
H13XX001	DC7000-10	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM CRUSHER, 3 KSI CRUSHING FORCE	\$25,695	Elec	10	HP	10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.46	\$0.16	\$5.62	\$0.75	\$0.32	\$0.00	\$0.00	\$6.65	\$7.72	\$13.34
Standby	\$2.73	\$0.16							\$2.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13XX002	DW55-ITR	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM WASHER W/ IMMERSION HEATER, AUTO FILL, AND 1.5 HP DISCHARGE PUMP, PLC OPERATION	\$143,259	Elec	1.5	HP	15			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.44	\$0.92	\$31.36	\$0.11	\$0.05	\$0.00	\$0.00	\$37.06	\$37.21	\$68.57
Standby	\$15.22	\$0.92							\$16.14	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
H13XX003	FRK LFT DRUM GRAB	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, ADAPTS FORKLIFT TO LIFT/TRANSPORT 55 GAL DRUMS 1500 LB LOAD CAPACITY	\$289				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.06	\$0.00	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07	\$0.07	\$0.13
Standby	\$0.03	\$0.00							\$0.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
H13XX004	DRUM TRUCK	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 30, 55, AND 85 GAL PALLET JACK STYLE DRUM LIFT TRUCK, 1100 LB CAPACITY, ON CASTORS	\$2,001			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.01	\$0.44	\$0.00	\$0.00	\$0.00	\$0.00	\$0.52	\$0.52	\$0.96
Standby	\$0.22	\$0.01							\$0.23	

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
H20IR002	FA2.5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 5,000 LBS CAP, 145 FPM (ADD 700 CFM COMPRESSOR)	\$37,506			11				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.33	\$0.22	\$3.55	\$0.00	\$0.20	\$0.00	\$0.00	\$3.45	\$3.65	\$7.20
Standby	\$1.67	\$0.22							\$1.89	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H20IR003	FA5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 11,000 LBS CAP, 65 FPM (ADD 700 CFM COMPRESSOR)								\$49,325			19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.38	\$0.29	\$4.67	\$0.00	\$0.30	\$0.00	\$0.00	\$4.54	\$4.84	\$9.51			
Standby	\$2.19	\$0.29							\$2.48				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H20IR004	FA10i	AIR WINCH, AUTOMATIC BRAKE, 24" DRUM, 22,000 LBS CAP, 30 FPM (ADD 800 CFM COMPRESSOR)								\$74,588			32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.63	\$0.43	\$7.06	\$0.00	\$0.40	\$0.00	\$0.00	\$6.86	\$7.26	\$14.32			
Standby	\$3.32	\$0.43							\$3.75				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS001	CX17C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 4,110 LBS, 0.05 CY BUCKET, 7' 9" MAX DIGGING DEPTH								\$38,771	D-Off	18 HP	77	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.63	\$0.24	\$3.87	\$2.48	\$0.33	\$0.00	\$0.00	\$3.43	\$6.25	\$10.12				
Severe	\$4.15	\$0.24	\$4.39	\$3.28	\$0.44	\$0.00	\$0.00	\$4.48	\$8.20	\$12.59				
Standby	\$1.82	\$0.24							\$2.06					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS002	CX26C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 5,830 LBS, 0.09 CY BUCKET, 8' 8" MAX DIGGING DEPTH								\$44,437	D-Off	24.8 HP	58	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.17	\$0.27	\$4.44	\$3.41	\$0.46	\$0.00	\$0.00	\$3.94	\$7.80	\$12.24				
Severe	\$4.76	\$0.27	\$5.03	\$4.51	\$0.60	\$0.00	\$0.00	\$5.14	\$10.25	\$15.28				
Standby	\$2.09	\$0.27							\$2.36					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS003	CX30C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 7,420 LBS, 0.12 CY BUCKET, 10' 11" MAX DIGGING DEPTH								\$50,753	D-Off	24.4 HP	74	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.76	\$0.31	\$5.07	\$3.36	\$0.45	\$0.00	\$0.00	\$4.49	\$8.31	\$13.38				
Severe	\$5.44	\$0.31	\$5.75	\$4.44	\$0.60	\$0.00	\$0.00	\$5.87	\$10.91	\$16.66				
Standby	\$2.38	\$0.31							\$2.69					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS004	CX37C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 8,660 LBS, 0.14 CY BUCKET, 11' 3" MAX DIGGING DEPTH								\$54,632	D-Off	24.4 HP	87	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.12	\$0.33	\$5.45	\$3.36	\$0.45	\$0.00	\$0.00	\$4.84	\$8.65	\$14.10				
Severe	\$5.85	\$0.34	\$6.19	\$4.44	\$0.60	\$0.00	\$0.00	\$6.32	\$11.35	\$17.54				
Standby	\$2.56	\$0.33							\$2.89					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
H25CS005	CX57C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 12,300 LBS, 0.24 CY BUCKET, 13' 4" MAX DIGGING DEPTH				\$87,693	D-Off	66.9 HP		123
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.22	\$0.53	\$8.75	\$9.21	\$1.24	\$0.00	\$0.00	\$7.77	\$18.21	\$26.96
Severe	\$9.40	\$0.54	\$9.94	\$12.18	\$1.63	\$0.00	\$0.00	\$10.14	\$23.96	\$33.90
Standby	\$4.11	\$0.53							\$4.64	

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
H25CA006	300.9D	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 2,200 LBS, 0.05 CY BUCKET, 5.67' MAX DIGGING DEPTH				\$29,383	D-Off	18 HP		22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.75	\$0.18	\$2.93	\$2.48	\$0.33	\$0.00	\$0.00	\$2.60	\$5.41	\$8.34
Severe	\$3.15	\$0.18	\$3.33	\$3.28	\$0.44	\$0.00	\$0.00	\$3.40	\$7.12	\$10.45
Standby	\$1.38	\$0.18							\$1.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		
H25CA010	304E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 8,700 LBS, 0.11 CY BUCKET, 11.25' MAX DIGGING DEPTH								\$67,877	D-Off	41.8	HP	87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.36	\$0.41	\$6.77	\$5.75	\$0.77	\$0.00	\$0.00	\$6.01	\$12.53	\$19.30				
Severe	\$7.27	\$0.42	\$7.69	\$7.61	\$1.02	\$0.00	\$0.00	\$7.85	\$16.48	\$24.17				
Standby	\$3.18	\$0.41							\$3.59					

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		
H25CA035	303E CR	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 7800 LBS, 0.16 CY BUCKET, 9' MAX DIGGING DEPTH								\$61,570	D-Off	24.8	HP	78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.77	\$0.37	\$6.14	\$3.41	\$0.46	\$0.00	\$0.00	\$5.45	\$9.32	\$15.46				
Severe	\$6.60	\$0.38	\$6.98	\$4.51	\$0.60	\$0.00	\$0.00	\$7.12	\$12.24	\$19.22				
Standby	\$2.89	\$0.37							\$3.26					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25CA036	305E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 11,500 LBS, 0.17 CY BUCKET, 12.7' MAX DIGGING DEPTH								\$100,158	D-Off	45.7 HP	115
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.39	\$0.61	\$10.00	\$6.29	\$0.84	\$0.00	\$0.00	\$8.87	\$16.00	\$26.00			
Severe	\$10.73	\$0.62	\$11.35	\$8.32	\$1.12	\$0.00	\$0.00	\$11.58	\$21.02	\$32.37			
Standby	\$4.70	\$0.61							\$5.31				

KOMATSU AMERICA INTERNATIONAL COMPANY

KOMATSU AMERICA INTERNATIONAL COMPANY										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25KM021	PC45MR-5	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,001 LBS, 0.07 CY - 0.21 CY BUCKET, 12'0" MAX DIGGING DEPTH								\$79,924	D-Off	38 HP	110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.49	\$0.48	\$7.97	\$5.23	\$0.70	\$0.00	\$0.00	\$7.08	\$13.01	\$20.98			
Severe	\$8.56	\$0.49	\$9.05	\$6.92	\$0.93	\$0.00	\$0.00	\$9.24	\$17.09	\$26.14			
Standby	\$3.75	\$0.48							\$4.23				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KM022	PC55MR-5	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,618 LBS, 0.07 CY - 0.24 CY BUCKET, 12.3' MAX DIGGING DEPTH								\$93,139	D-Off	38 HP	116	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.73	\$0.56	\$9.29	\$5.23	\$0.70	\$0.00	\$0.00	\$8.25	\$14.18	\$23.47				
Severe	\$9.98	\$0.57	\$10.55	\$6.92	\$0.93	\$0.00	\$0.00	\$10.77	\$18.62	\$29.17				
Standby	\$4.37	\$0.56							\$4.93					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KM023	PC78US-10	HYDRAULIC EXCAVATOR, CRAWLER, 17,747 LBS, 0.37 CY BUCKET, 15'5" MAX DIGGING DEPTH								\$114,606	D-Off	65.5 HP	178	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.74	\$0.69	\$11.43	\$9.02	\$1.21	\$0.00	\$0.00	\$10.15	\$20.38	\$31.81				
Severe	\$12.28	\$0.70	\$12.98	\$11.92	\$1.60	\$0.00	\$0.00	\$13.26	\$26.77	\$39.75				
Standby	\$5.37	\$0.69							\$6.06					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KM034	PC88MR-10	HYDRAULIC EXCAVATOR, CRAWLER, 19,290 LBS, 0.26 CY BUCKET, 15' 0" MAX DIGGING DEPTH								\$122,409	D-Off	66 HP	193	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.48	\$0.74	\$12.22	\$9.08	\$1.22	\$0.00	\$0.00	\$10.84	\$21.14	\$33.36				
Severe	\$13.12	\$0.75	\$13.87	\$12.01	\$1.61	\$0.00	\$0.00	\$14.16	\$27.78	\$41.65				
Standby	\$5.74	\$0.74							\$6.48					

MELROE BOBCAT

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25ME001	E26	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 6,490 LBS, 1.4 CY BUCKET, 9.5' MAX DIGGING DEPTH								\$52,900	D-Off	25 HP	65	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.96	\$0.32	\$5.28	\$3.44	\$0.46	\$0.00	\$0.00	\$4.68	\$8.59	\$13.87				
Severe	\$5.67	\$0.33	\$6.00	\$4.55	\$0.61	\$0.00	\$0.00	\$6.12	\$11.28	\$17.28				
Standby	\$2.48	\$0.32							\$2.80					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

MELROE BOBCAT

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25ME002	E35	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 7,700 LBS, 0.10 CY BUCKET, 10.2' MAX DIGGING DEPTH								\$80,423	D-Off	25 HP	77	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.54	\$0.49	\$8.03	\$3.44	\$0.46	\$0.00	\$0.00	\$7.12	\$11.02	\$19.05				
Severe	\$8.62	\$0.49	\$9.11	\$4.55	\$0.61	\$0.00	\$0.00	\$9.30	\$14.46	\$23.57				
Standby	\$3.77	\$0.49							\$4.26					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25ME003	E50	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,360 LBS, 0.18 CY BUCKET, 11.4' MAX DIGGING DEPTH								\$100,786	D-Off	50 HP	107	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.45	\$0.61	\$10.06	\$6.88	\$0.92	\$0.00	\$0.00	\$8.93	\$16.73	\$26.79				
Severe	\$10.80	\$0.62	\$11.42	\$9.10	\$1.22	\$0.00	\$0.00	\$11.66	\$21.98	\$33.40				
Standby	\$4.73	\$0.61							\$5.34					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS021	CX80C	HYDRAULIC EXCAVATOR, CRAWLER, 18,900 LBS, 0.59 CY BUCKET, 15.33' MAX DIGGING DEPTH								\$149,938	D-Off	54 HP	190	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$13.23	\$0.90	\$14.13	\$7.43	\$1.00	\$0.00	\$0.00	\$12.50	\$20.92	\$35.05				
Severe	\$16.06	\$0.92	\$16.98	\$9.83	\$1.32	\$0.00	\$0.00	\$18.43	\$29.57	\$46.55				
Standby	\$6.62	\$0.90							\$7.52					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS022	CX130D	HYDRAULIC EXCAVATOR, CRAWLER, 30,400 LBS, 0.97 CY BUCKET, 19.83' MAX DIGGING DEPTH								\$237,298	D-Off	102 HP	304	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.94	\$1.43	\$22.37	\$14.04	\$1.88	\$0.00	\$0.00	\$19.78	\$35.70	\$58.07				
Severe	\$25.42	\$1.46	\$26.88	\$18.57	\$2.49	\$0.00	\$0.00	\$29.16	\$50.22	\$77.10				
Standby	\$10.47	\$1.43							\$11.90					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS023	CX160D	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 0.97 CY BUCKET, 21.33' MAX DIGGING DEPTH								\$263,524	D-Off	115 HP	384	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$23.25	\$1.59	\$24.84	\$15.83	\$2.12	\$0.00	\$0.00	\$21.96	\$39.92	\$64.76				
Severe	\$28.23	\$1.62	\$29.85	\$20.93	\$2.81	\$0.00	\$0.00	\$32.38	\$56.12	\$85.97				
Standby	\$11.63	\$1.59							\$13.22					

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CA011	307E2	HYDRAULIC MINI EXCAVATOR, CRAWLER-RUBBER TRACK, 16,100 LBS, 0.48 CY BUCKET, 13' 4" MAX DIGGING DEPTH								\$111,825	D-Off	53.1 HP	161	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.87	\$0.67	\$10.54	\$7.31	\$0.98	\$0.00	\$0.00	\$9.32	\$17.61	\$28.15				
Severe	\$11.98	\$0.69	\$12.67	\$9.67	\$1.30	\$0.00	\$0.00	\$13.74	\$24.71	\$37.38				
Standby	\$4.94	\$0.67							\$5.61					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA012	313F	HYDRAULIC EXCAVATOR, CRAWLER, 29,300 LBS, 1.00 CY BUCKET, 19' 10" MAX DIGGING DEPTH		\$246,652	D-Off	100	HP	298		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.76	\$1.49	\$23.25	\$13.76	\$1.85	\$0.00	\$0.00	\$20.56	\$36.16	\$59.41
Severe	\$26.43	\$1.52	\$27.95	\$18.20	\$2.44	\$0.00	\$0.00	\$30.31	\$50.95	\$78.90
Standby	\$10.88	\$1.49							\$12.37	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA014	315F	HYDRAULIC EXCAVATOR, CRAWLER, 36,300 LBS, 1.00 CY BUCKET, 19.5' MAX DIGGING DEPTH		\$260,718	D-Off	100	HP	360		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.00	\$1.57	\$24.57	\$13.76	\$1.85	\$0.00	\$0.00	\$21.73	\$37.33	\$61.90
Severe	\$27.93	\$1.60	\$29.53	\$18.20	\$2.44	\$0.00	\$0.00	\$32.04	\$52.68	\$82.21
Standby	\$11.50	\$1.57							\$13.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25CA020	311F RR	HYDRAULIC EXCAVATOR, CRAWLER, 29,000 LBS, 1.00 CY BUCKET, 18.3' MAX DIGGING DEPTH							\$247,260	D-Off	74 HP	290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$21.82	\$1.49	\$23.31	\$10.19	\$1.37	\$0.00	\$0.00	\$20.61	\$32.16	\$55.47		
Severe	\$26.49	\$1.52	\$28.01	\$13.47	\$1.81	\$0.00	\$0.00	\$30.39	\$45.66	\$73.67		
Standby	\$10.91	\$1.49							\$12.40			

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25CA038	308	HYDRAULIC EXCAVATOR, CRAWLER, 20,100 LBS, 0.48 CY BUCKET, 15.25' MAX DIGGING DEPTH							\$155,116	D-Off	74.3 HP	201
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$13.69	\$0.93	\$14.62	\$10.23	\$1.37	\$0.00	\$0.00	\$12.93	\$24.53	\$39.15		
Severe	\$16.62	\$0.95	\$17.57	\$13.53	\$1.81	\$0.00	\$0.00	\$19.06	\$34.41	\$51.98		
Standby	\$6.85	\$0.93							\$7.78			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

KOBELCO AMERICA INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC017	SK75SR-3E	HYDRAULIC EXCAVATOR, CRAWLER, 17,100 LBS, 0.46 CY BUCKET, 15' MAX DIGGING DEPTH								\$161,399	D-Off	55 HP	191	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.24	\$0.97	\$15.21	\$7.57	\$1.02	\$0.00	\$0.00	\$13.45	\$22.04	\$37.25				
Severe	\$17.29	\$0.99	\$18.28	\$10.01	\$1.34	\$0.00	\$0.00	\$19.83	\$31.19	\$49.47				
Standby	\$7.12	\$0.97							\$8.09					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC027	SK140SR LC-5	HYDRAULIC EXCAVATOR, CRAWLER, 33,100 LBS, 0.90 CY BUCKET, 19' 7" MAX DIGGING DEPTH								\$191,998	D-Off	115 HP	331	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.94	\$1.16	\$18.10	\$15.83	\$2.12	\$0.00	\$0.00	\$16.00	\$33.96	\$52.06				
Severe	\$20.57	\$1.18	\$21.75	\$20.93	\$2.81	\$0.00	\$0.00	\$23.59	\$47.33	\$69.08				
Standby	\$8.47	\$1.16							\$9.63					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag									Value TEV	Engine Horsepower and Fuel Type		CWT	
Model									7/1/2019	Main	Carrier		
Equipment Description													
H25KM001	PC138USLC-11	HYDRAULIC EXCAVATOR, CRAWLER, 37,547 LBS, 0.34 CY - 1.0 CY BUCKET, 18.0' MAX DIGGING DEPTH							\$222,764	D-Off	97.2	HP	376
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.66	\$1.34	\$21.00	\$13.38	\$1.79	\$0.00	\$0.00	\$18.57	\$33.74	\$54.74			
Severe	\$23.87	\$1.37	\$25.24	\$17.69	\$2.37	\$0.00	\$0.00	\$27.38	\$47.44	\$72.68			
Standby	\$9.83	\$1.34							\$11.17				

SourceTag									Value TEV	Engine Horsepower and Fuel Type		CWT	
Model									7/1/2019	Main	Carrier		
Equipment Description													
H25KM003	PC170LC-11	HYDRAULIC EXCAVATOR, CRAWLER, 43,115 LBS, 0.48 CY - 1.24 CY BUCKET, 19' 7" MAX DIGGING DEPTH							\$212,767	D-Off	121	HP	431
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.77	\$1.28	\$20.05	\$16.65	\$2.23	\$0.00	\$0.00	\$17.73	\$36.62	\$56.67			
Severe	\$22.80	\$1.31	\$24.11	\$22.03	\$2.95	\$0.00	\$0.00	\$26.15	\$51.13	\$75.24			
Standby	\$9.39	\$1.28							\$10.67				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.11 OVER 12,500 LBS THRU 40,000 LBS

LINK-BELT CONSTRUCTION EQUIPMENT CO.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25LB003	145X3	HYDRAULIC EXCAVATOR, CRAWLER, 33,200 LBS, 0.98 CY BUCKET, 18' 1" MAX DIGGING DEPTH								\$167,147	D-Off	100 HP	332	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.75	\$1.01	\$15.76	\$13.76	\$1.85	\$0.00	\$0.00	\$13.93	\$29.54	\$45.30				
Severe	\$17.91	\$1.03	\$18.94	\$18.20	\$2.44	\$0.00	\$0.00	\$20.54	\$41.18	\$60.12				
Standby	\$7.38	\$1.01							\$8.39					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25LB005	160X4	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 1.14 CY BUCKET, 19' 11" MAX DIGGING DEPTH								\$173,306	D-Off	112 HP	384	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.29	\$1.04	\$16.33	\$15.42	\$2.07	\$0.00	\$0.00	\$14.44	\$31.93	\$48.26				
Severe	\$18.57	\$1.07	\$19.64	\$20.39	\$2.73	\$0.00	\$0.00	\$21.30	\$44.42	\$64.06				
Standby	\$7.65	\$1.04							\$8.69					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS024	CX210D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 52,650 LBS, 1.48 CY BUCKET, 21.5' MAX DIGGING DEPTH								\$319,224	D-Off	160 HP	489	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.95	\$1.87	\$21.82	\$22.02	\$2.95	\$0.00	\$0.00	\$21.54	\$46.51	\$68.33				
Severe	\$23.94	\$1.90	\$25.84	\$29.13	\$3.91	\$0.00	\$0.00	\$30.69	\$63.73	\$89.57				
Standby	\$9.98	\$1.87							\$11.85					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS025	CX250D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 63,500 LBS, 1.02 CY BUCKET, 47.75' MAX DIGGING DEPTH								\$416,632	D-Off	177 HP	569	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$26.04	\$2.44	\$28.48	\$24.36	\$3.27	\$0.00	\$0.00	\$28.11	\$55.74	\$84.22				
Severe	\$31.25	\$2.48	\$33.73	\$32.22	\$4.32	\$0.00	\$0.00	\$40.06	\$76.60	\$110.33				
Standby	\$13.02	\$2.44							\$15.46					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS026	CX300D	HYDRAULIC EXCAVATOR, CRAWLER, 67,300 LBS, 2.03 CY BUCKET, 24.83' MAX DIGGING DEPTH								\$433,076	D-Off	207	HP	673
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$27.07	\$2.54	\$29.61	\$28.49	\$3.82	\$0.00	\$0.00	\$29.22	\$61.53	\$91.14				
Severe	\$32.48	\$2.57	\$35.05	\$37.68	\$5.05	\$0.00	\$0.00	\$41.64	\$84.37	\$119.42				
Standby	\$13.54	\$2.54							\$16.08					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS027	CX350D	HYDRAULIC EXCAVATOR, CRAWLER, 82,500 LBS, 2.33 CY BUCKET, 26.67' MAX DIGGING DEPTH								\$476,164	D-Off	268	HP	825
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$29.76	\$2.79	\$32.55	\$36.89	\$4.95	\$0.00	\$0.00	\$32.13	\$73.96	\$106.51				
Severe	\$35.71	\$2.83	\$38.54	\$48.79	\$6.54	\$0.00	\$0.00	\$45.78	\$101.11	\$139.65				
Standby	\$14.88	\$2.79							\$17.67					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA001	336	HYDRAULIC EXCAVATOR, CRAWLER, 82,000 LBS, 2.97 CY BUCKET, 24.6' MAX DIGGING DEPTH		\$394,657	D-Off	147	HP	820		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.67	\$2.31	\$26.98	\$20.23	\$2.71	\$0.00	\$0.00	\$26.63	\$49.57	\$76.55
Severe	\$29.60	\$2.34	\$31.94	\$26.76	\$3.59	\$0.00	\$0.00	\$37.94	\$68.29	\$100.23
Standby	\$12.34	\$2.31							\$14.65	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA022	320	HYDRAULIC EXCAVATOR, CRAWLER, 49,600 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH		\$248,705	D-Off	174	HP	496		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.54	\$1.46	\$17.00	\$23.95	\$3.21	\$0.00	\$0.00	\$16.78	\$43.94	\$60.94
Severe	\$18.65	\$1.48	\$20.13	\$31.67	\$4.25	\$0.00	\$0.00	\$23.91	\$59.83	\$79.96
Standby	\$7.77	\$1.46							\$9.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA040	318F	HYDRAULIC EXCAVATOR, CRAWLER, 42,300 LBS, 1.00 CY BUCKET, 21' 7" MAX DIGGING DEPTH		\$251,735	D-Off	122	HP	423		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.73	\$1.48	\$17.21	\$16.79	\$2.25	\$0.00	\$0.00	\$16.98	\$36.03	\$53.24
Severe	\$18.88	\$1.50	\$20.38	\$22.21	\$2.98	\$0.00	\$0.00	\$24.20	\$49.39	\$69.77
Standby	\$7.87	\$1.48							\$9.35	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA041	323	HYDRAULIC EXCAVATOR, CRAWLER, 53,800 LBS, 0.69 CY BUCKET, 38.3' MAX DIGGING DEPTH		\$306,164	D-Off	174	HP	538		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.14	\$1.79	\$20.93	\$23.95	\$3.21	\$0.00	\$0.00	\$20.66	\$47.82	\$68.75
Severe	\$22.96	\$1.82	\$24.78	\$31.67	\$4.25	\$0.00	\$0.00	\$29.44	\$65.35	\$90.13
Standby	\$9.57	\$1.79							\$11.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA042	325FCR	HYDRAULIC EXCAVATOR, CRAWLER, 57,200 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH		\$305,209	D-Off	164	HP	572		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.08	\$1.79	\$20.87	\$22.57	\$3.03	\$0.00	\$0.00	\$20.59	\$46.19	\$67.06
Severe	\$22.89	\$1.81	\$24.70	\$29.85	\$4.00	\$0.00	\$0.00	\$29.34	\$63.20	\$87.90
Standby	\$9.54	\$1.79							\$11.33	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA043	326F	HYDRAULIC EXCAVATOR, CRAWLER, 66,000 LBS, 0.69 CY BUCKET, 48.3' MAX DIGGING DEPTH		\$303,821	D-Off	207	HP	662		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.99	\$1.78	\$20.77	\$28.49	\$3.82	\$0.00	\$0.00	\$20.50	\$52.81	\$73.58
Severe	\$22.79	\$1.80	\$24.59	\$37.68	\$5.05	\$0.00	\$0.00	\$29.21	\$71.94	\$96.53
Standby	\$9.50	\$1.78							\$11.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25CA045	335F CR	HYDRAULIC EXCAVATOR, CRAWLER, 84,600 LBS, 2.01 CY BUCKET, 22.9' MAX DIGGING DEPTH								\$402,407	D-Off	207 HP	846
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$25.15	\$2.36	\$27.51	\$28.49	\$3.82	\$0.00	\$0.00	\$27.15	\$59.46	\$86.97			
Severe	\$30.18	\$2.39	\$32.57	\$37.68	\$5.05	\$0.00	\$0.00	\$38.69	\$81.42	\$113.99			
Standby	\$12.58	\$2.36							\$14.94				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25CA074	320	HYDRAULIC EXCAVATOR, CRAWLER, 46,600 LBS, 1.56 CY BUCKET, 37' 10" MAX DIGGING DEPTH								\$281,899	D-Off	174 HP	496
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.62	\$1.65	\$19.27	\$23.95	\$3.21	\$0.00	\$0.00	\$19.02	\$46.18	\$65.45			
Severe	\$21.14	\$1.67	\$22.81	\$31.67	\$4.25	\$0.00	\$0.00	\$27.10	\$63.02	\$85.83			
Standby	\$8.81	\$1.65							\$10.46				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

KOBELCO AMERICA INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC020	SK210 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 49,000 LBS, 0.91 CY BUCKET, 34' MAX DIGGING DEPTH								\$245,228	D-Off	166 HP	494	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.33	\$1.44	\$16.77	\$22.85	\$3.06	\$0.00	\$0.00	\$16.55	\$42.46	\$59.23				
Severe	\$18.39	\$1.46	\$19.85	\$30.22	\$4.05	\$0.00	\$0.00	\$23.58	\$57.85	\$77.70				
Standby	\$7.67	\$1.44							\$9.11					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC029	SK260 SRLC-10	HYDRAULIC EXCAVATOR, CRAWLER, 59,300 LBS, 1.22 CY BUCKET, 25' 2" MAX DIGGING DEPTH								\$300,933	D-Off	185 HP	593	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$18.81	\$1.76	\$20.57	\$25.46	\$3.41	\$0.00	\$0.00	\$20.30	\$49.18	\$69.75				
Severe	\$22.57	\$1.79	\$24.36	\$33.68	\$4.52	\$0.00	\$0.00	\$28.93	\$67.13	\$91.49				
Standby	\$9.41	\$1.76							\$11.17					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.12 OVER 40,000 LBS THRU 100,000 LBS

KOBELCO AMERICA INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC030	SK350 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 82,500 LBS, 2.75 CY BUCKET, 27'7" MAX DIGGING DEPTH								\$444,422	D-Off	286 HP	825	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$27.78	\$2.60	\$30.38	\$39.37	\$5.28	\$0.00	\$0.00	\$29.99	\$74.63	\$105.01				
Severe	\$33.33	\$2.64	\$35.97	\$52.06	\$6.98	\$0.00	\$0.00	\$42.73	\$101.77	\$137.74				
Standby	\$13.89	\$2.60							\$16.49					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KC032	SK300 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 68,800 LBS 1.875 CY BUCKET, 26' 7" MAX DIGGING DEPTH								\$344,448	D-Off	268 HP	688	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.53	\$2.02	\$23.55	\$36.89	\$4.95	\$0.00	\$0.00	\$23.24	\$65.08	\$88.63				
Severe	\$25.83	\$2.05	\$27.88	\$48.79	\$6.54	\$0.00	\$0.00	\$33.12	\$88.45	\$116.33				
Standby	\$10.77	\$2.02							\$12.79					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS028	CX490D	HYDRAULIC EXCAVATOR, CRAWLER, 109,300 LBS, 3.37 CY BUCKET, 30.17' MAX DIGGING DEPTH								\$665,051	D-Off	362 HP	1093	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$38.37	\$3.88	\$42.25	\$49.83	\$2.11	\$0.00	\$0.00	\$51.77	\$103.71	\$145.96				
Severe	\$41.57	\$3.90	\$45.47	\$65.90	\$2.79	\$0.00	\$0.00	\$61.70	\$130.39	\$175.86				
Standby	\$19.19	\$3.88							\$23.07					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CS029	CX750D	HYDRAULIC EXCAVATOR, CRAWLER, 153,400 LBS, 4.2 CY BUCKET, 32.33' MAX DIGGING DEPTH								\$894,311	D-Off	463 HP	596	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$51.59	\$5.21	\$56.80	\$63.73	\$2.70	\$0.00	\$0.00	\$69.62	\$136.05	\$192.85				
Severe	\$55.89	\$5.24	\$61.13	\$84.28	\$3.57	\$0.00	\$0.00	\$82.97	\$170.81	\$231.94				
Standby	\$25.80	\$5.21							\$31.01					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA002	349	HYDRAULIC EXCAVATOR, CRAWLER, 105,00 LBS, 3.52 CY BUCKET, 27' MAX DIGGING DEPTH		\$460,592	D-Off	424	HP	1053		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.57	\$2.68	\$29.25	\$58.36	\$2.47	\$0.00	\$0.00	\$35.86	\$96.69	\$125.94
Severe	\$28.79	\$2.70	\$31.49	\$77.18	\$3.26	\$0.00	\$0.00	\$42.73	\$123.17	\$154.66
Standby	\$13.29	\$2.68							\$15.97	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA003	352	HYDRAULIC EXCAVATOR, CRAWLER, 115,700 LBS, 5.00 CY BUCKET, 26' 5" MAX DIGGING DEPTH		\$484,927	D-Off	432	HP	1157		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.98	\$2.83	\$30.81	\$59.46	\$2.52	\$0.00	\$0.00	\$37.75	\$99.73	\$130.54
Severe	\$30.31	\$2.84	\$33.15	\$78.64	\$3.33	\$0.00	\$0.00	\$44.99	\$126.95	\$160.10
Standby	\$13.99	\$2.83							\$16.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25CA004	374	HYDRAULIC EXCAVATOR, CRAWLER, 166,000 LBS, 5.0 CY BUCKET, 28' MAX DIGGING DEPTH								\$781,537	D-Off	485 HP	1657
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$45.09	\$4.55	\$49.64	\$66.76	\$2.82	\$0.00	\$0.00	\$60.84	\$130.43	\$180.07			
Severe	\$48.85	\$4.58	\$53.43	\$88.29	\$3.73	\$0.00	\$0.00	\$72.50	\$164.53	\$217.96			
Standby	\$22.55	\$4.55							\$27.10				

KOBELCO AMERICA INC.

KOBELCO AMERICA INC.										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25KC031	SK500 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 114,000 LBS 4.26 CY BUCKET, 30' 5" MAX DIGGING DEPTH								\$627,550	D-Off	369 HP	1140
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$36.20	\$3.66	\$39.86	\$50.79	\$2.15	\$0.00	\$0.00	\$48.85	\$101.79	\$141.65			
Severe	\$39.22	\$3.68	\$42.90	\$67.17	\$2.84	\$0.00	\$0.00	\$58.22	\$128.23	\$171.13			
Standby	\$18.10	\$3.66							\$21.76				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.13 OVER 100,000 LBS THRU 160,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25KM015	PC650LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 139,330 LBS, 4.98 CY BUCKET, 27' 10" MAX DIGGING DEPTH							\$1,570,793	D-Off	429 HP	1464
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$90.62	\$9.15	\$99.77	\$59.05	\$2.50	\$0.00	\$0.00	\$122.29	\$183.83	\$283.60		
Severe	\$98.17	\$9.20	\$107.37	\$78.10	\$3.30	\$0.00	\$0.00	\$145.73	\$227.13	\$334.50		
Standby	\$45.31	\$9.15							\$54.46			

H25 0.14 OVER 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25CA005	390F	HYDRAULIC EXCAVATOR, CRAWLER, 192,000 LBS, 6.0 CY BUCKET, 35' 3" MAX DIGGING DEPTH							\$1,238,709	D-Off	524 HP	1902
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$48.90	\$7.07	\$55.97	\$72.12	\$3.31	\$0.00	\$0.00	\$72.58	\$148.01	\$203.98		
Severe	\$61.94	\$7.16	\$69.10	\$95.39	\$4.38	\$0.00	\$0.00	\$104.47	\$204.24	\$273.34		
Standby	\$24.45	\$7.07							\$31.52			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25CA101	395	HYDRAULIC EXCAVATOR, CRAWLER, 209,300 LBS, 8.5 CY BUCKET, 23' 4" MAX DIGGING DEPTH								\$995,732	D-Off	543 HP	2093	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$39.31	\$5.69	\$45.00	\$74.74	\$3.43	\$0.00	\$0.00	\$58.34	\$136.51	\$181.51				
Severe	\$49.79	\$5.75	\$55.54	\$98.85	\$4.54	\$0.00	\$0.00	\$83.98	\$187.36	\$242.90				
Standby	\$19.66	\$5.69							\$25.35					

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H25KM009	PC 800 LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 184,705 LBS, 6.0 CY BUCKET, 28' 3" MAX DIGGING DEPTH								\$1,308,437	D-Off	487 HP	1930	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$51.65	\$7.47	\$59.12	\$67.03	\$3.08	\$0.00	\$0.00	\$76.66	\$146.77	\$205.89				
Severe	\$65.42	\$7.56	\$72.98	\$88.65	\$4.07	\$0.00	\$0.00	\$110.35	\$203.07	\$276.05				
Standby	\$25.83	\$7.47							\$33.30					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25KM035	PC1250SP-11	HYDRAULIC EXCAVATOR, CRAWLER, 265,000 LBS, 4.1 CY - 11.9 CY BUCKET, 26' MAX DIGGING DEPTH		\$1,609,175	D-Off	758	HP	2726		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.52	\$9.19	\$72.71	\$104.33	\$4.79	\$0.00	\$0.00	\$94.29	\$203.40	\$276.11
Severe	\$80.46	\$9.30	\$89.76	\$137.99	\$6.33	\$0.00	\$0.00	\$135.71	\$280.04	\$369.80
Standby	\$31.76	\$9.19							\$40.95	

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25CA055	S305	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 15.7" JAW OPENING (ADD 14,000 - 20,000 LB HYDRAULIC EXCAVATOR)		\$56,562				33		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.01	\$0.34	\$8.35	\$0.00	\$0.40	\$0.00	\$0.00	\$8.78	\$9.18	\$17.53
Standby	\$4.01	\$0.34							\$4.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25CA057	S3025	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 18" JAW OPENING (ADD 22,000 - 30,000 LB HYDRAULIC EXCAVATOR)	\$82,467			54				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.68	\$0.49	\$12.17	\$0.00	\$0.80	\$0.00	\$0.00	\$12.80	\$13.60	\$25.77
Standby	\$5.84	\$0.49							\$6.33	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25CA066	S3035	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 21.3" JAW OPENING (ADD 32,000 - 40,000 LB HYDRAULIC EXCAVATOR)	\$107,730			76				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.26	\$0.64	\$15.90	\$0.00	\$0.00	\$0.00	\$0.00	\$16.72	\$16.72	\$32.62
Standby	\$7.63	\$0.64							\$8.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

LABOUNTY MANUFACTURING,									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU001	MSD 7	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 10" JAW OPENING (ADD 10,000 LB HYDRAULIC EXCAVATOR)							\$34,121			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.83	\$0.20	\$5.03	\$0.00	\$0.40	\$0.00	\$0.00	\$5.30	\$5.70	\$10.73		
Standby	\$2.42	\$0.20							\$2.62			

LABOUNTY MANUFACTURING,									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU002	MSD 7R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 10" JAW OPENING (ADD 14,000 LB HYDRAULIC EXCAVATOR)							\$38,587			12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.47	\$0.23	\$5.70	\$0.00	\$0.50	\$0.00	\$0.00	\$5.99	\$6.49	\$12.19		
Standby	\$2.74	\$0.23							\$2.97			

LABOUNTY MANUFACTURING,									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU003	MSD 800	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 15" JAW OPENING (ADD 20,000 LB HYDRAULIC EXCAVATOR)							\$78,990			23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$11.19	\$0.47	\$11.66	\$0.00	\$0.80	\$0.00	\$0.00	\$12.26	\$13.06	\$24.72		
Standby	\$5.60	\$0.47							\$6.07			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU004	MSD 800R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 15" JAW OPENING (ADD 25,000 LB HYDRAULIC EXCAVATOR)							\$88,364			28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$12.52	\$0.52	\$13.04	\$0.00	\$0.90	\$0.00	\$0.00	\$13.71	\$14.61	\$27.65		
Standby	\$6.26	\$0.52							\$6.78			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU005	MSD 1000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 19" JAW OPENING (ADD 35,000 LB HYDRAULIC EXCAVATOR)							\$106,822			42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$15.13	\$0.63	\$15.76	\$0.00	\$1.10	\$0.00	\$0.00	\$16.58	\$17.68	\$33.44		
Standby	\$7.57	\$0.63							\$8.20			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU006	MSD 1000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 19" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)							\$116,003			44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$16.43	\$0.69	\$17.12	\$0.00	\$1.50	\$0.00	\$0.00	\$18.00	\$19.50	\$36.62		
Standby	\$8.22	\$0.69							\$8.91			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU007	MSD 1500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 22" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)	\$131,337			70				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.61	\$0.78	\$19.39	\$0.00	\$1.40	\$0.00	\$0.00	\$20.38	\$21.78	\$41.17
Standby	\$9.31	\$0.78							\$10.09	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU008	MSD 1500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 22" JAW OPENING (ADD 65,000 LB HYDRAULIC EXCAVATOR)	\$154,823			74				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.93	\$0.92	\$22.85	\$0.00	\$1.60	\$0.00	\$0.00	\$24.03	\$25.63	\$48.48
Standby	\$10.97	\$0.92							\$11.89	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU009	MSD 2000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 28" JAW OPENING (ADD 70,000 LB HYDRAULIC EXCAVATOR)	\$146,183			90				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.71	\$0.87	\$21.58	\$0.00	\$1.70	\$0.00	\$0.00	\$22.69	\$24.39	\$45.97
Standby	\$10.36	\$0.87							\$11.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU010	MSD 2000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 28" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)							\$185,831			110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$26.33	\$1.10	\$27.43	\$0.00	\$2.00	\$0.00	\$0.00	\$28.84	\$30.84	\$58.27		
Standby	\$13.17	\$1.10							\$14.27			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU011	MSD 2500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 32" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)							\$205,778			119
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$29.15	\$1.22	\$30.37	\$0.00	\$2.00	\$0.00	\$0.00	\$31.94	\$33.94	\$64.31		
Standby	\$14.58	\$1.22							\$15.80			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU012	MSD 2500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 32" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)							\$245,696			148
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$34.81	\$1.46	\$36.27	\$0.00	\$2.50	\$0.00	\$0.00	\$38.13	\$40.63	\$76.90		
Standby	\$17.41	\$1.46							\$18.87			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU013	MSD 3000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 35" JAW OPENING (ADD 145,000 LB HYDRAULIC EXCAVATOR)							\$245,516			142
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$34.78	\$1.46	\$36.24	\$0.00	\$2.60	\$0.00	\$0.00	\$38.10	\$40.70	\$76.94		
Standby	\$17.39	\$1.46							\$18.85			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU014	MSD 3000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 35" JAW OPENING (ADD 160,000 LB HYDRAULIC EXCAVATOR)							\$293,222			171
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$41.54	\$1.74	\$43.28	\$0.00	\$3.00	\$0.00	\$0.00	\$45.51	\$48.51	\$91.79		
Standby	\$20.77	\$1.74							\$22.51			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU055	MSD 2250	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 30" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)							\$179,869			106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$25.48	\$1.07	\$26.55	\$0.00	\$2.60	\$0.00	\$0.00	\$27.92	\$30.52	\$57.07		
Standby	\$12.74	\$1.07							\$13.81			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU056	MSD 2250R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 30" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)								\$219,444			127
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.09	\$1.30	\$32.39	\$0.00	\$2.60	\$0.00	\$0.00	\$34.06	\$36.66	\$69.05			
Standby	\$15.55	\$1.30							\$16.85				

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25DX001	30X1.63-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.63 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)								\$20,809			39
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.77	\$0.13	\$2.90	\$0.00	\$0.00	\$0.00	\$0.00	\$2.87	\$2.87	\$5.77			
Standby	\$1.39	\$0.13							\$1.52				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25DX002	42X1.88-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.88 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)								\$23,167			43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.09	\$0.14	\$3.23	\$0.00	\$0.00	\$0.00	\$0.00	\$3.20	\$3.20	\$6.43			
Standby	\$1.55	\$0.14							\$1.69				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25DX003	48X2.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 2.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)								\$24,785			46
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.30	\$0.15	\$3.45	\$0.00	\$0.00	\$0.00	\$0.00	\$3.42	\$3.42	\$6.87			
Standby	\$1.65	\$0.15							\$1.80				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25DX004	54X3.00-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.00 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)								\$26,937			50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.59	\$0.16	\$3.75	\$0.00	\$0.00	\$0.00	\$0.00	\$3.72	\$3.72	\$7.47			
Standby	\$1.80	\$0.16							\$1.96				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX														
SourceTag	Model	Equipment Description									Value TEV	Engine Horsepower and Fuel Type		CWT
											7/1/2019	Main	Carrier	
H25DX005	60X3.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)									\$30,709			57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.09	\$0.19	\$4.28	\$0.00	\$0.00	\$0.00	\$0.00	\$4.24	\$4.24	\$8.52				
Standby	\$2.05	\$0.19							\$2.24					

LABOUNTY MANUFACTURING,														
SourceTag	Model	Equipment Description									Value TEV	Engine Horsepower and Fuel Type		CWT
											7/1/2019	Main	Carrier	
H25LU023	TW 100	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 1.25CY, 4-TINE/ 5-TINE (ADD 25,000 LB HYDRAULIC EXCAVATOR)									\$42,947			16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.73	\$0.26	\$5.99	\$0.00	\$0.25	\$0.00	\$0.00	\$5.92	\$6.17	\$12.16				
Standby	\$2.87	\$0.26							\$3.13					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU024	HDR 30S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 25,000-35,000 LB HYDRAULIC EXCAVATOR)								\$18,035			17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.40	\$0.11	\$2.51	\$0.00	\$0.30	\$0.00	\$0.00	\$2.49	\$2.79	\$5.30			
Standby	\$1.20	\$0.11							\$1.31				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU025	HDR 40S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 35,000-45,000 LB HYDRAULIC EXCAVATOR)								\$23,448			30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.13	\$0.14	\$3.27	\$0.00	\$0.40	\$0.00	\$0.00	\$3.23	\$3.63	\$6.90			
Standby	\$1.57	\$0.14							\$1.71				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU026	HDR 50S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 45,000-65,000 LB HYDRAULIC EXCAVATOR)								\$29,427			38
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.92	\$0.18	\$4.10	\$0.00	\$0.50	\$0.00	\$0.00	\$4.06	\$4.56	\$8.66			
Standby	\$1.96	\$0.18							\$2.14				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU027	HDR 70S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 65,000-85,000 LB HYDRAULIC EXCAVATOR)								\$32,602			55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.35	\$0.20	\$4.55	\$0.00	\$0.60	\$0.00	\$0.00	\$4.50	\$5.10	\$9.65			
Standby	\$2.18	\$0.20							\$2.38				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25LU028	HDR 170C	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 9.00CY, 4-TINE/ 5-TINE (ADD 100,000 LB HYDRAULIC EXCAVATOR)								\$71,676			90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.56	\$0.44	\$10.00	\$0.00	\$0.70	\$0.00	\$0.00	\$9.89	\$10.59	\$20.59			
Standby	\$4.78	\$0.44							\$5.22				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25LU036	RDG 120	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 2.00 CY (ADD 120,000-160,000 LB HYDRAULIC EXCAVATOR)	\$104,838			100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.98	\$0.64	\$14.62	\$0.00	\$1.00	\$0.00	\$0.00	\$14.46	\$15.46	\$30.08
Standby	\$6.99	\$0.64							\$7.63	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25LU057	HDR 100S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 85,000-110,000 LB HYDRAULIC EXCAVATOR)	\$40,938			63				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.46	\$0.25	\$5.71	\$0.00	\$0.60	\$0.00	\$0.00	\$5.65	\$6.25	\$11.96
Standby	\$2.73	\$0.25							\$2.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

ROCKLAND MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25RZ001	EPR-B2-36	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, BUCKET, 36" CONCRETE/PAVEMENT REMOVAL (ADD 75,000 LB HYDRAULIC EXCAVATOR)		\$11,342			21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.51	\$0.07	\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$1.56	\$1.56	\$3.14
Standby	\$0.76	\$0.07							\$0.83	

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25CA068	P215	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRUSHER, 33.0" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)		\$52,266			37			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.40	\$0.31	\$7.71	\$0.00	\$0.00	\$0.00	\$0.00	\$9.01	\$9.01	\$16.72
Standby	\$3.70	\$0.31							\$4.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25CA069	P225	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40.1" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)	\$62,616			55				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.87	\$0.37	\$9.24	\$0.00	\$0.00	\$0.00	\$0.00	\$10.80	\$10.80	\$20.04
Standby	\$4.44	\$0.37							\$4.81	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
H25CA070	P235	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 47.8" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)	\$87,761			88				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.43	\$0.52	\$12.95	\$0.00	\$0.00	\$0.00	\$0.00	\$15.13	\$15.13	\$28.08
Standby	\$6.22	\$0.52							\$6.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

FURUKAWA CO.,LTD.

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25FU001	FX175	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 3,250 FT-LB, W/4.72" DIA (ADD 13,000-22,000 LB HYDRAULIC EXCAVATOR)							\$40,153			21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.69	\$0.24	\$5.93	\$0.00	\$0.50	\$0.00	\$0.00	\$6.92	\$7.42	\$13.35		
Standby	\$2.85	\$0.24							\$3.09			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25FU002	FX275	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 5,250 FT-LB, W/5.51" DIA. POINT (ADD 42,000-66,000 LB HYDRAULIC EXCAVATOR)							\$59,824			38
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.48	\$0.36	\$8.84	\$0.00	\$0.50	\$0.00	\$0.00	\$10.32	\$10.82	\$19.66		
Standby	\$4.24	\$0.36							\$4.60			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25FU003	FX770	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE BREAKER, 10,000 FT-LB, W/7.09 " DIA. POINT (ADD 80,000 LB HYDRAULIC EXCAVATOR)							\$132,315			103
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.74	\$0.79	\$19.53	\$0.00	\$1.00	\$0.00	\$0.00	\$22.82	\$23.82	\$43.35		
Standby	\$9.37	\$0.79							\$10.16			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25LU040	UPX 250 SH	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 45" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)		\$142,400			63			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.17	\$0.85	\$21.02	\$0.00	\$0.75	\$0.00	\$0.00	\$24.56	\$25.31	\$46.33
Standby	\$10.09	\$0.85							\$10.94	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25LU041	UPX 450 SH	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 49" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)		\$208,052			106			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.47	\$1.24	\$30.71	\$0.00	\$0.75	\$0.00	\$0.00	\$35.88	\$36.63	\$67.34
Standby	\$14.74	\$1.24							\$15.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25LU042	UPX 950	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 62" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)								\$309,986			190
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$43.91	\$1.84	\$45.75	\$0.00	\$1.50	\$0.00	\$0.00	\$53.45	\$54.95	\$100.70			
Standby	\$21.96	\$1.84							\$23.80				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25LU046	CP 40 C	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 30" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)								\$42,070			29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.96	\$0.25	\$6.21	\$0.00	\$0.50	\$0.00	\$0.00	\$7.25	\$7.75	\$13.96			
Standby	\$2.98	\$0.25							\$3.23				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU047	CP 60 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 60,000 LB HYDRAULIC EXCAVATOR)	\$49,684			30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.04	\$0.29	\$7.33	\$0.00	\$0.60	\$0.00	\$0.00	\$8.57	\$9.17	\$16.50
Standby	\$3.52	\$0.29							\$3.81	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU048	CP 80 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 42" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)	\$53,311			45				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.55	\$0.32	\$7.87	\$0.00	\$0.70	\$0.00	\$0.00	\$9.19	\$9.89	\$17.76
Standby	\$3.78	\$0.32							\$4.10	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25LU049	CP 100 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 48" JAW OPENING (ADD 100,000 LB HYDRAULIC EXCAVATOR)	\$64,583			62				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.15	\$0.38	\$9.53	\$0.00	\$0.80	\$0.00	\$0.00	\$11.14	\$11.94	\$21.47
Standby	\$4.58	\$0.38							\$4.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU050	CP 120 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 54" JAW OPENING (ADD 140,000 LB HYDRAULIC EXCAVATOR)							\$102,311			100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$14.49	\$0.61	\$15.10	\$0.00	\$0.90	\$0.00	\$0.00	\$17.64	\$18.54	\$33.64		
Standby	\$7.25	\$0.61							\$7.86			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU053	UP 45 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)							\$143,661			105
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$20.35	\$0.85	\$21.20	\$0.00	\$0.75	\$0.00	\$0.00	\$24.77	\$25.52	\$46.72		
Standby	\$10.18	\$0.85							\$11.03			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25LU054	UP 75 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)							\$208,653			126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$29.56	\$1.24	\$30.80	\$0.00	\$0.75	\$0.00	\$0.00	\$35.98	\$36.73	\$67.53		
Standby	\$14.78	\$1.24							\$16.02			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ALLIED CONSTRUCTION PRODUCTS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25AU007	HO-PAC 1000B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" X 32" PLATE, 8,000 LBS FORCE (ADD 9,000-30,000 LB HYDRAULIC EXCAVATOR)	\$6,902			11				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.98	\$0.04	\$1.02	\$0.00	\$0.00	\$0.00	\$0.00	\$1.19	\$1.19	\$2.21
Standby	\$0.49	\$0.04							\$0.53	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25AU008	HO-PAC 1600	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 29" X 32" PLATE, 18,000 LBS FORCE (ADD 19,000-45,000 LB HYDRAULIC EXCAVATOR)	\$9,870			16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.40	\$0.06	\$1.46	\$0.00	\$0.00	\$0.00	\$0.00	\$1.70	\$1.70	\$3.16
Standby	\$0.70	\$0.06							\$0.76	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
H25AU009	HO-PAC 2300	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 36" PLATE, 24,000 LBS FORCE (ADD 35,000-120,000 LB HYDRAULIC EXCAVATOR)	\$13,806			22				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.96	\$0.08	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$2.38	\$2.38	\$4.42
Standby	\$0.98	\$0.08							\$1.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ALLIED CONSTRUCTION PRODUCTS

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25AU010	HO-PAC 4000	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 50" X 42" PLATE, 40,000 LBS FORCE (ADD 70,000-120,000 LB HYDRAULIC EXCAVATOR)								\$23,735			40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.36	\$0.14	\$3.50	\$0.00	\$0.00	\$0.00	\$0.00	\$4.09	\$4.09	\$7.59			
Standby	\$1.68	\$0.14							\$1.82				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25AU011	HO-PAC 700B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 18" X 27" PLATE, 6,400 LBS FORCE (ADD 7,000-15,000 LB HYDRAULIC EXCAVATOR)								\$5,813			6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.82	\$0.03	\$0.85	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$1.00	\$1.85			
Standby	\$0.41	\$0.03							\$0.44				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25AX001	DC-24BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 38" DIA (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)	\$12,591				25			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.78	\$0.07	\$1.85	\$0.00	\$0.00	\$0.00	\$0.00	\$2.17	\$2.17	\$4.02
Standby	\$0.89	\$0.07							\$0.96	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
H25AX002	DC-36BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 38" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)	\$14,296				33			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.03	\$0.08	\$2.11	\$0.00	\$0.00	\$0.00	\$0.00	\$2.47	\$2.47	\$4.58
Standby	\$1.02	\$0.08							\$1.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25AX003	DC-24EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)								\$15,626			33
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.21	\$0.09	\$2.30	\$0.00	\$0.00	\$0.00	\$0.00	\$2.69	\$2.69	\$4.99			
Standby	\$1.11	\$0.09							\$1.20				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25AX004	DC-36EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)								\$18,323			43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.60	\$0.11	\$2.71	\$0.00	\$0.00	\$0.00	\$0.00	\$3.16	\$3.16	\$5.87			
Standby	\$1.30	\$0.11							\$1.41				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25AX005	DC-24EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)								\$19,535			39
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.77	\$0.12	\$2.89	\$0.00	\$0.00	\$0.00	\$0.00	\$3.37	\$3.37	\$6.26			
Standby	\$1.39	\$0.12							\$1.51				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25AX006	DC-36EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPS FOOT, 4 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)								\$23,547			53
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.34	\$0.14	\$3.48	\$0.00	\$0.00	\$0.00	\$0.00	\$4.06	\$4.06	\$7.54			
Standby	\$1.67	\$0.14							\$1.81				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

FURUKAWA CO.,LTD.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25FU004	HP35ME	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 12" X 36" PLATE, 3000 LB FORCE (ADD 14,000-25,000 LB HYDRAULIC EXCAVATOR)								\$5,613			4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.80	\$0.03	\$0.83	\$0.00	\$0.15	\$0.00	\$0.00	\$0.97	\$1.12	\$1.95			
Standby	\$0.40	\$0.03							\$0.43				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25FU005	HP135II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 28" X 40" PLATE, 13,500 LB FORCE (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)								\$11,167			14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.58	\$0.07	\$1.65	\$0.00	\$0.15	\$0.00	\$0.00	\$1.93	\$2.08	\$3.73			
Standby	\$0.79	\$0.07							\$0.86				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
H25FU006	HP210II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 46" PLATE, 21,000 LB FORCE (ADD 40,000-75,000 LB HYDRAULIC EXCAVATOR)								\$15,889			22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.25	\$0.09	\$2.34	\$0.00	\$0.15	\$0.00	\$0.00	\$2.74	\$2.89	\$5.23			
Standby	\$1.13	\$0.09							\$1.22				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ROCKLAND MANUFACTURING COMPANY

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25RZ002	WI24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)								\$10,354			21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.47	\$0.06	\$1.53	\$0.00	\$0.00	\$0.00	\$0.00	\$1.79	\$1.79	\$3.32			
Standby	\$0.74	\$0.06							\$0.80				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25RZ003	WI36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)								\$12,023			25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.70	\$0.07	\$1.77	\$0.00	\$0.00	\$0.00	\$0.00	\$2.07	\$2.07	\$3.84			
Standby	\$0.85	\$0.07							\$0.92				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
H25RZ004	WE24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)								\$12,783			29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.81	\$0.08	\$1.89	\$0.00	\$0.00	\$0.00	\$0.00	\$2.20	\$2.20	\$4.09			
Standby	\$0.91	\$0.08							\$0.99				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ROCKLAND MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H25RZ005	WE36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)		\$15,712				36		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.23	\$0.09	\$2.32	\$0.00	\$0.00	\$0.00	\$0.00	\$2.71	\$2.71	\$5.03
Standby	\$1.12	\$0.09							\$1.21	

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
H30CA001	M314F	HYDRAULIC EXCAVATORS, WHEEL, 0.69 CY BUCKET, TELESCOPIC BOOM, 19' DIGGING DEPTH, AWD		\$265,485	D-Off	148	HP	322		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.63	\$1.61	\$26.24	\$19.06	\$2.42	\$0.60	\$0.08	\$16.66	\$38.82	\$65.06
Severe	\$30.32	\$1.65	\$31.97	\$24.31	\$3.08	\$2.02	\$0.27	\$22.56	\$52.24	\$84.21
Standby	\$12.32	\$1.61							\$13.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30CA007	M315F	HYDRAULIC EXCAVATORS, WHEEL, 34,800 LBS, 0.84 CY BUCKET, 1-PIECE BOOM, 18.3' MAX DIG DEPTH, 4X4								\$250,371	D-Off	150 HP	348	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$23.21	\$1.52	\$24.73	\$19.31	\$2.45	\$0.60	\$0.08	\$15.71	\$38.15	\$62.88				
Severe	\$28.57	\$1.55	\$30.12	\$24.64	\$3.13	\$2.02	\$0.27	\$21.26	\$51.32	\$81.44				
Standby	\$11.61	\$1.52							\$13.13					

GRADALL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30GA009	XL 4100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 19' 11" MAX DIGGING DEPTH, 6X6								\$445,543	D-On	262 HP	509	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$40.90	\$2.70	\$43.60	\$40.35	\$5.12	\$1.82	\$0.25	\$27.74	\$75.28	\$118.88				
Severe	\$50.34	\$2.76	\$53.10	\$51.48	\$6.53	\$5.95	\$0.80	\$37.56	\$102.33	\$155.43				
Standby	\$20.45	\$2.70							\$23.15					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

GRADALL COMPANY

GRADALL COMPANY									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H30GA010	XL 3100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 18' 11" MAX DIGGING DEPTH, 4X4							\$382,292	D-On	235 HP	417
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$35.26	\$2.32	\$37.58	\$36.19	\$4.59	\$1.13	\$0.15	\$23.89	\$65.95	\$103.53		
Severe	\$43.40	\$2.37	\$45.77	\$46.17	\$5.86	\$3.60	\$0.49	\$32.34	\$88.46	\$134.23		
Standby	\$17.63	\$2.32							\$19.95			

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H30CA002	M316F	HYDRAULIC EXCAVATORS, WHEEL, 1.43 CY BUCKET, TELESCOPIC BOOM, 20' DIGGING DEPTH, AWD							\$291,379	D-Off	148 HP	340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$21.44	\$1.73	\$23.17	\$19.06	\$2.42	\$1.20	\$0.16	\$17.44	\$40.28	\$63.45		
Severe	\$26.80	\$1.77	\$28.57	\$24.31	\$3.08	\$4.04	\$0.54	\$23.62	\$55.60	\$84.17		
Standby	\$10.72	\$1.73							\$12.45			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30CA003	M318F	HYDRAULIC EXCAVATORS, WHEEL, 38,000 LBS, 1.43 CY BUCKET, 1-PIECE BOOM, 19.5' DIGGING DEPTH, 4X4								\$353,260	D-Off	169 HP	380	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$26.08	\$2.10	\$28.18	\$21.76	\$2.76	\$1.20	\$0.16	\$21.20	\$47.08	\$75.26				
Severe	\$32.60	\$2.14	\$34.74	\$27.76	\$3.52	\$4.04	\$0.54	\$28.71	\$64.57	\$99.31				
Standby	\$13.04	\$2.10							\$15.14					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30CA004	M320F	HYDRAULIC EXCAVATORS, WHEEL, 1.54 CY BUCKET. TELESCOPIC BOOM, 20' 9" DIGGING DEPTH, AWD								\$330,331	D-Off	174 HP	408	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$24.36	\$1.96	\$26.32	\$22.40	\$2.84	\$1.20	\$0.16	\$19.81	\$46.41	\$72.73				
Severe	\$30.45	\$2.00	\$32.45	\$28.58	\$3.63	\$4.04	\$0.54	\$26.82	\$63.61	\$96.06				
Standby	\$12.18	\$1.96							\$14.14					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30CA006	M322F	HYDRAULIC EXCAVATORS, WHEEL, 1.87 CY BUCKET. TELESCOPIC BOOM, 21' 10" DIGGING DEPTH, AWD								\$369,848	D-Off	173 HP	459	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$27.22	\$2.20	\$29.42	\$22.28	\$2.83	\$1.51	\$0.20	\$22.14	\$48.96	\$78.38				
Severe	\$34.02	\$2.24	\$36.26	\$28.42	\$3.61	\$5.08	\$0.69	\$29.98	\$67.78	\$104.04				
Standby	\$13.61	\$2.20							\$15.81					

GRADALL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
H30GA011	XL 5100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1.50 CY BUCKET, TELESCOPIC BOOM, 24' 1" DIGGING DEPTH, 6X6								\$500,751	D-On	282 HP	584	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$36.84	\$2.97	\$39.81	\$43.43	\$5.51	\$1.86	\$0.25	\$29.97	\$81.02	\$120.83				
Severe	\$46.05	\$3.04	\$49.09	\$55.40	\$7.03	\$6.07	\$0.82	\$40.59	\$109.91	\$159.00				
Standby	\$18.42	\$2.97							\$21.39					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H35 HYDRAULIC SHOVELS, CRAWLER MOUNTED

H35 0.12 DIESEL, OVER 5.0 CY

HITACHI CONSTRUCTION MACHINERY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
H35HI006	EX1200-7	HYDRAULIC SHOVEL, CRAWLER, 8.5 CY BUCKET, FRONT SHOVEL, 17' 3" DIGGING DEPTH	\$1,767,050	D-Off 760	HP	2602				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$100.97	\$9.91	\$110.88	\$104.61	\$4.80	\$0.00	\$0.00	\$153.29	\$262.70	\$373.58
Severe	\$108.74	\$9.96	\$118.70	\$138.35	\$6.35	\$0.00	\$0.00	\$178.83	\$323.53	\$442.23
Standby	\$50.49	\$9.91							\$60.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
H35HI007	EX1900-6	HYDRAULIC SHOVEL, CRAWLER, 15.7 CY BUCKET, FRONT SHOVEL, 35' 3" MAX DIGGING DEPTH	\$2,505,660	D-Off 1086	HP	4233				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$143.18	\$14.05	\$157.23	\$149.48	\$6.86	\$0.00	\$0.00	\$217.36	\$373.70	\$530.93
Severe	\$154.19	\$14.12	\$168.31	\$197.70	\$9.07	\$0.00	\$0.00	\$253.58	\$460.36	\$628.67
Standby	\$71.59	\$14.05							\$85.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10BU005	CBH315FB-2	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 5' WIDE-SIDE MTD (ADD FARM 50 HP TRACTOR)								\$4,977			22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.40	\$0.03	\$0.43	\$0.00	\$2.00	\$0.00	\$0.00	\$0.46	\$2.46	\$2.89			
Severe	\$0.57	\$0.03	\$0.60	\$0.00	\$2.00	\$0.00	\$0.00	\$0.73	\$2.73	\$3.33			
Standby	\$0.20	\$0.03							\$0.23				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10BU010	C327FB	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 7' WIDE, 1.5" - 10.5" CUT HEIGHT (ADD FARM 55 HP TRACTOR)								\$10,217			16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.82	\$0.06	\$0.88	\$0.00	\$2.50	\$0.00	\$0.00	\$0.95	\$3.45	\$4.33			
Severe	\$1.17	\$0.06	\$1.23	\$0.00	\$2.50	\$0.00	\$0.00	\$1.51	\$4.01	\$5.24			
Standby	\$0.41	\$0.06							\$0.47				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
L10BU011	3810	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 10.5' WIDE, 2 - 13" CUT HEIGHT (ADD FARM 70 HP TRACTOR)	\$28,679			28				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.29	\$0.17	\$2.46	\$0.00	\$3.00	\$0.00	\$0.00	\$2.67	\$5.67	\$8.13
Severe	\$3.28	\$0.17	\$3.45	\$0.00	\$3.00	\$0.00	\$0.00	\$4.23	\$7.23	\$10.68
Standby	\$1.15	\$0.17							\$1.32	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
L10BU014	2815	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 15' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 60 HP TRACTOR)	\$31,992			45				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.56	\$0.18	\$2.74	\$0.00	\$3.00	\$0.00	\$0.00	\$2.97	\$5.97	\$8.71
Severe	\$3.66	\$0.19	\$3.85	\$0.00	\$3.00	\$0.00	\$0.00	\$4.72	\$7.72	\$11.57
Standby	\$1.28	\$0.18							\$1.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
L10BU015	2820	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 20' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 90 HP TRACTOR)			\$39,907					59
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.19	\$0.23	\$3.42	\$0.00	\$3.50	\$0.00	\$0.00	\$3.71	\$7.21	\$10.63
Severe	\$4.56	\$0.24	\$4.80	\$0.00	\$3.50	\$0.00	\$0.00	\$5.89	\$9.39	\$14.19
Standby	\$1.60	\$0.23							\$1.83	

DYMAX										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
L10DX001	136IN-TD-10	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 136" WIDE (ADD 250 HP DOZER)			\$32,365					53
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.59	\$0.19	\$2.78	\$0.00	\$0.00	\$0.00	\$0.00	\$3.01	\$3.01	\$5.79
Severe	\$3.70	\$0.19	\$3.89	\$0.00	\$0.00	\$0.00	\$0.00	\$4.77	\$4.77	\$8.66
Standby	\$1.30	\$0.19							\$1.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
L10DX002	156IN-TD-20	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 156" WIDE (ADD 300 HP DOZER)								\$39,082			64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.13	\$0.22	\$3.35	\$0.00	\$0.00	\$0.00	\$0.00	\$3.63	\$3.63	\$6.98			
Severe	\$4.47	\$0.23	\$4.70	\$0.00	\$0.00	\$0.00	\$0.00	\$5.77	\$5.77	\$10.47			
Standby	\$1.57	\$0.22							\$1.79				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
L10DX003	158IN-TD-30	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 158" WIDE (ADD 400 HP DOZER)								\$55,049			84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.40	\$0.32	\$4.72	\$0.00	\$0.00	\$0.00	\$0.00	\$5.12	\$5.12	\$9.84			
Severe	\$6.29	\$0.33	\$6.62	\$0.00	\$0.00	\$0.00	\$0.00	\$8.12	\$8.12	\$14.74			
Standby	\$2.20	\$0.32							\$2.52				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
L10DX004	55INX88IN-WL-60	LAND CLEARING EQUIPMENT, LOGGING FORK, 55" TINE LENGTH (ADD 150+ HP WHEEL LOADER)								\$25,601			36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.05	\$0.15	\$2.20	\$0.00	\$0.00	\$0.00	\$0.00	\$2.38	\$2.38	\$4.58			
Severe	\$2.93	\$0.15	\$3.08	\$0.00	\$0.00	\$0.00	\$0.00	\$3.78	\$3.78	\$6.86			
Standby	\$1.03	\$0.15							\$1.18				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
L10DX005	180IN-TD-40	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 180" WIDE (ADD 500 HP DOZER)								\$58,037			90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.64	\$0.33	\$4.97	\$0.00	\$0.00	\$0.00	\$0.00	\$5.39	\$5.39	\$10.36			
Severe	\$6.63	\$0.35	\$6.98	\$0.00	\$0.00	\$0.00	\$0.00	\$8.56	\$8.56	\$15.54			
Standby	\$2.32	\$0.33							\$2.65				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10XX001	40" SPADE	TREE SPADE, 40" DIA, ACCOMODATES 4" DIA EVERGREENS AND 3" DIA HARDWOODS, 30" DEPTH (ATTACHMENT FOR SKID STEER LOADER)								\$14,111			19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.13	\$0.08	\$1.21	\$0.00	\$0.00	\$0.00	\$0.00	\$1.31	\$1.31	\$2.52			
Severe	\$1.61	\$0.08	\$1.69	\$0.00	\$0.00	\$0.00	\$0.00	\$2.08	\$2.08	\$3.77			
Standby	\$0.57	\$0.08							\$0.65				

ROME PLOW CO.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10RM001	RV BLADE	LAND CLEARING EQUIPMENT, V-TREE CUTTER (ADD 150 - 250 HP TRACTOR DOZER)								\$40,371			109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.23	\$0.23	\$3.46	\$0.00	\$0.00	\$0.00	\$0.00	\$3.75	\$3.75	\$7.21			
Severe	\$4.61	\$0.24	\$4.85	\$0.00	\$0.00	\$0.00	\$0.00	\$5.96	\$5.96	\$10.81			
Standby	\$1.62	\$0.23							\$1.85				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

ROME PLOW CO.

ROME PLOW CO.										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10RM002	MA RAKE	LAND CLEARING EQUIPMENT, MULTI-APPLICATION RAKE, 12' WIDE, 9 TEETH (ADD 275 - 325 HP TRACTOR DOZER)								\$22,731			51
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.82	\$0.13	\$1.95	\$0.00	\$0.00	\$0.00	\$0.00	\$2.11	\$2.11	\$4.06			
Severe	\$2.60	\$0.14	\$2.74	\$0.00	\$0.00	\$0.00	\$0.00	\$3.35	\$3.35	\$6.09			
Standby	\$0.91	\$0.13							\$1.04				

TORO

TORO										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
L10TO001	STX-26	LAND CLEARING EQUIPMENT, STUMP GRINDER, HYDRAULIC, 19" DIA ARTICULATED BLADE, SELF-PROPELLED, CRAWLER, 33" ABOVE GRADE TO 12.5" BELOW GRADE CUTTING RANGE								\$21,010	Gas	26 HP	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.68	\$0.12	\$1.80	\$5.43	\$0.62	\$0.00	\$0.00	\$1.95	\$8.00	\$9.80			
Severe	\$2.40	\$0.13	\$2.53	\$7.04	\$0.80	\$0.00	\$0.00	\$3.10	\$10.94	\$13.47			
Standby	\$0.84	\$0.12							\$0.96				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L10VE002	SC 382	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD							\$34,841	Gas	37	HP	18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.79	\$0.20	\$2.99	\$7.73	\$0.88	\$0.00	\$0.00	\$3.24	\$11.85	\$14.84			
Severe	\$3.98	\$0.21	\$4.19	\$10.02	\$1.15	\$0.00	\$0.00	\$5.14	\$16.31	\$20.50			
Standby	\$1.40	\$0.20							\$1.60				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L10VE009	SC 802	LAND CLEARING EQUIPMENT, STUMPER, 28" DIA WHEEL, TRAILER MTD							\$73,651	D-Off	74	HP	44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.87	\$0.42	\$6.29	\$9.53	\$0.94	\$0.04	\$0.01	\$6.83	\$17.35	\$23.64			
Severe	\$8.39	\$0.44	\$8.83	\$12.16	\$1.20	\$0.11	\$0.01	\$10.84	\$24.32	\$33.15			
Standby	\$2.94	\$0.42							\$3.36				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L10VE010	SC 292	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD		\$22,168	Gas	27	HP	13		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.75	\$0.13	\$1.88	\$5.64	\$0.64	\$0.05	\$0.01	\$2.04	\$8.38	\$10.26
Severe	\$2.50	\$0.13	\$2.63	\$7.31	\$0.84	\$0.12	\$0.02	\$3.24	\$11.52	\$14.15
Standby	\$0.88	\$0.13							\$1.01	

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L15BW002	VICTOR 800	LANDSCAPING EQUIPMENT, 800 GAL, HYDROMULCHER, TRAILER MTD		\$44,951	Gas	35	HP	48		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.52	\$0.28	\$7.80	\$9.75	\$0.90	\$0.14	\$0.02	\$6.42	\$17.22	\$25.02
Standby	\$3.76	\$0.28							\$4.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L15BW003	VICTOR 1100	LANDSCAPING EQUIPMENT, 1,100 GAL, HYDROMULCHER, GOOSENECK TRAILER MTD	\$49,317	Gas	50 HP	60				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.26	\$0.30	\$8.56	\$13.93	\$1.28	\$0.14	\$0.02	\$7.05	\$22.42	\$30.98
Standby	\$4.13	\$0.30							\$4.43	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L15BW004	IMPERIAL 3000	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROMULCHER, TRUCK MTD (ADD 55,000 GVW TRUCK)	\$99,994	D-Off	90 HP	88				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.00	\$0.61	\$17.61	\$15.18	\$1.39	\$0.00	\$0.00	\$14.48	\$31.06	\$48.67
Standby	\$8.50	\$0.61							\$9.11	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L15BW005	LANCER 600	LANDSCAPING EQUIPMENT, 600 GAL, HYDROMULCHER, TRAILER MTD	\$26,399	Gas	25 HP	29				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.27	\$0.16	\$4.43	\$6.97	\$0.64	\$0.24	\$0.03	\$3.67	\$11.55	\$15.98
Standby	\$2.14	\$0.16							\$2.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

FINN CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT	
										7/1/2019	Main	Carrier			
L15FG001	T330	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROSEEDER, TRUCK MTD (ADD 56,000 GVW TRUCK)								\$97,383	D-On	134	HP		96
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$16.56	\$0.60	\$17.16	\$27.04	\$2.48	\$0.00	\$0.00	\$14.11	\$43.63	\$60.79					
Standby	\$8.28	\$0.60							\$8.88						

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT	
										7/1/2019	Main	Carrier			
L15FG002	B260T	LANDSCAPING EQUIPMENT, MULCHER, STRAW BLOWER, 20 TONS PER HOUR, TRAILER MOUNTED								\$60,503	D-On	115	HP		48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$10.24	\$0.37	\$10.61	\$23.20	\$2.13	\$0.06	\$0.01	\$8.73	\$34.12	\$44.73					
Standby	\$5.12	\$0.37							\$5.49						

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L15HV004	FT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 26" WIDTH BY 6" DEPTH	\$503	Gas	7	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.09	\$0.00	\$0.09	\$1.95	\$0.18	\$0.00	\$0.00	\$0.07	\$2.20	\$2.29
Standby	\$0.05	\$0.00							\$0.05	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L15JD005	MX5	LANDSCAPING EQUIPMENT, ROTARY MOWER, 60" WIDE, MEDIUM DUTY, PTO DRIVE (ADD 45 - 100 HP AGRICULTURAL TRACTOR)	\$3,206				8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.02	\$0.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.46	\$0.46	\$1.03
Standby	\$0.28	\$0.02							\$0.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

STIHL													
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L15S7001	BT131	POST HOLE DRILL, UP TO 8" DIA, 30" DEEP, ONE MAN OPERATION							\$779	Gas	1.9	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.13	\$0.00	\$0.13	\$0.53	\$0.05	\$0.00	\$0.00	\$0.11	\$0.69	\$0.82			
Standby	\$0.07	\$0.00							\$0.07				

TORO													
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L15TO001	22298	LANDSCAPING EQUIPMENT, LAWNMOWER, 21" DECK, REAR BAGGER, WALK BEHIND MOWER							\$2,232	Gas	6	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.38	\$0.01	\$0.39	\$1.67	\$0.15	\$0.00	\$0.00	\$0.32	\$2.15	\$2.54			
Standby	\$0.19	\$0.01							\$0.20				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L15TO002	30672	LANDSCAPING EQUIPMENT, LAWNMOWER, 32" DECK, SIDE DISCHARGE, WALK BEHIND MOWER								\$3,922	Gas	14.5 HP	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.62	\$0.02	\$0.64	\$4.04	\$0.37	\$0.06	\$0.01	\$0.54	\$5.01	\$5.65				
Standby	\$0.31	\$0.02							\$0.33					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT	
L15TO003	74952	LANDSCAPING EQUIPMENT, LAWNMOWER, 48" DECK, SIDE DISCHARGE, RIDING MOWER								\$10,132	Gas	20.5 HP	12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.58	\$0.06	\$1.64	\$5.71	\$0.52	\$0.19	\$0.03	\$1.36	\$7.82	\$9.46				
Standby	\$0.79	\$0.06							\$0.85					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT	
L15TO004	74955	LANDSCAPING EQUIPMENT, LAWNMOWER, 52" DECK, TRACTOR, SIDE DISCHARGE, RIDING MOWER								\$10,057	Gas	25 HP	13	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.57	\$0.06	\$1.63	\$6.97	\$0.64	\$0.19	\$0.03	\$1.35	\$9.18	\$10.81				
Standby	\$0.79	\$0.06							\$0.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L15TO006	74472	LANDSCAPING EQUIPMENT, LAWNMOWER, 60" DECK, SIDE DISCHARGE, RIDING MOWER								\$8,527	Gas	23.5 HP	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.24	\$0.05	\$1.29	\$6.55	\$0.60	\$0.28	\$0.04	\$1.08	\$8.56	\$9.85				
Standby	\$0.62	\$0.05							\$0.67					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT	
L15TO007	74918	LANDSCAPING EQUIPMENT, LAWNMOWER, 72" DECK, SIDE DISCHARGE, RIDING MOWER								\$19,655	Gas	26.5 HP	17	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.13	\$0.12	\$3.25	\$7.38	\$0.68	\$0.28	\$0.04	\$2.69	\$11.07	\$14.32				
Standby	\$1.57	\$0.12							\$1.69					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT	
L15TO009	POWER MAX 8260E	LANDSCAPING EQUIPMENT, SNOWBLOWER, 26" PATH, 40' THROW								\$1,203	Gas	8 HP	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.20	\$0.01	\$0.21	\$2.23	\$0.20	\$0.00	\$0.00	\$0.17	\$2.61	\$2.82				
Standby	\$0.10	\$0.01							\$0.11					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO														
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
L15TO010	POWER MAX 10280HXE	LANDSCAPING EQUIPMENT, SNOWBLOWER, 28" PATH, 45' THROW								\$1,495	Gas	10 HP		3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.25	\$0.01	\$0.26	\$2.79	\$0.26	\$0.00	\$0.00	\$0.22	\$3.26	\$3.52				
Standby	\$0.13	\$0.01							\$0.14					

WILLMAR EQUIPMENT COMPANY

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
L15WI001	S-150	LANDSCAPING EQUIPMENT, SPREADER, 54CF DRY CHEMICAL (ADD 55 HP FARM TRACTOR)								\$9,768				15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.57	\$0.06	\$1.63	\$0.00	\$0.05	\$0.10	\$0.01	\$1.35	\$1.51	\$3.14				
Standby	\$0.79	\$0.06							\$0.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB017	NLV 7KW LED	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH	\$19,777	D-Off 10 HP			19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.95	\$0.12	\$2.07	\$1.82	\$0.17	\$0.05	\$0.01	\$3.79	\$5.84	\$7.91
Standby	\$0.98	\$0.12							\$1.10	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB018	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH	\$21,313	D-Off 10 HP			19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.10	\$0.13	\$2.23	\$1.82	\$0.17	\$0.05	\$0.01	\$4.09	\$6.13	\$8.36
Standby	\$1.05	\$0.13							\$1.18	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB019	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH	\$23,620	D-Off 10 HP			19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.33	\$0.14	\$2.47	\$1.82	\$0.17	\$0.05	\$0.01	\$4.54	\$6.58	\$9.05
Standby	\$1.17	\$0.14							\$1.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB021	MAXI LITE V	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/8 KW GEN, MANUAL MAST WINCH	\$28,873	D-Off	11 HP		34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.86	\$0.17	\$3.03	\$2.00	\$0.18	\$0.05	\$0.01	\$5.56	\$7.80	\$10.83
Standby	\$1.43	\$0.17							\$1.60	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB025	MAXI LITE V	LITE SET, TRAILER MTD., 6/320W LED LAMPS, W/15 KW GEN, MANUAL 15KW LED MAST WINCH	\$36,560	D-Off	20 HP		34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.63	\$0.22	\$3.85	\$3.64	\$0.33	\$0.05	\$0.01	\$7.05	\$11.08	\$14.93
Standby	\$1.82	\$0.22							\$2.04	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L20AB026	NLV 7KW	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH	\$17,855	D-Off	10 HP		19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.76	\$0.11	\$1.87	\$1.82	\$0.17	\$0.05	\$0.01	\$3.42	\$5.46	\$7.33
Standby	\$0.88	\$0.11							\$0.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L20AB027	MAXI LITE V LED	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/8 KW GEN, MANUAL MAST WINCH								\$30,795	D-Off	11 HP	34	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.05	\$0.18	\$3.23	\$2.00	\$0.18	\$0.05	\$0.01	\$5.93	\$8.17	\$11.40				
Standby	\$1.53	\$0.18							\$1.71					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L20AB028	MAXI LITE V 15KW	LITE SET, TRAILER MTD., 6/1250W METAL HALIDE, W/15 KW GEN, MANUAL MAST WINCH								\$34,638	D-Off	20 HP	34	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.44	\$0.20	\$3.64	\$3.64	\$0.33	\$0.05	\$0.01	\$6.68	\$10.71	\$14.35				
Standby	\$1.72	\$0.20							\$1.92					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

JCL EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L25JE002	ROAD RUNNER	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, TRUCK MOUNTED (17,590 LB GVW), TWO COLORS	\$244,851	D-On	190	HP	116			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.97	\$1.44	\$25.41	\$41.36	\$3.80	\$1.09	\$0.15	\$37.36	\$83.75	\$109.16
Standby	\$11.99	\$1.44							\$13.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L25JE003	HRL-1	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 1 GUNS SELF PROPELLED, SINGLE COLOR	\$5,518	Gas	5.5	HP	9			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.03	\$0.58	\$1.64	\$0.15	\$0.00	\$0.00	\$0.86	\$2.65	\$3.23
Standby	\$0.28	\$0.03							\$0.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
L25MB004	TPX 2000	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, W/11,000 LBS GVW TRUCK, TWO COLORS								\$478,520	Gas	190	HP	290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$47.34	\$2.82	\$50.16	\$56.62	\$6.70	\$1.09	\$0.15	\$73.62	\$138.18	\$188.34				
Standby	\$23.67	\$2.82							\$26.49					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
L25MB006	245	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, SELF PROPELLED, TWO COLORS								\$211,244	Gas	20	HP	48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.12	\$1.24	\$22.36	\$5.96	\$1.80	\$0.00	\$0.00	\$32.78	\$40.54	\$62.90				
Standby	\$10.56	\$1.24							\$11.80					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
L25MB007	260 ACL	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, SELF PROPELLED, THREE COLORS								\$105,802	Gas	23	HP	30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.58	\$0.62	\$11.20	\$6.85	\$1.63	\$0.00	\$0.00	\$16.42	\$24.90	\$36.10				
Standby	\$5.29	\$0.62							\$5.91					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L25MB008	360	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, THERMAL 120 GAL, TRUCK MTD, TWO COLORS	\$257,527	D-Off	74	HP	192			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.28	\$1.52	\$26.80	\$13.47	\$2.74	\$1.00	\$0.13	\$39.38	\$56.72	\$83.52
Standby	\$12.64	\$1.52							\$14.16	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L25XX001	300TC	THERMOPLASTIC LINE STRIPER, 4" WIDTH, LP FIRED, CART MOUNTED (ADD COST FOR THERMOPLASTIC)	\$13,136				5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.31	\$0.08	\$1.39	\$0.00	\$0.00	\$0.00	\$0.00	\$2.04	\$2.04	\$3.43
Standby	\$0.66	\$0.08							\$0.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L25XX002	3-610	PAVEMENT GROOVER AND LINE REMOVAL TRUCK, HAS 3 PAVEMENT GRIDING UNITS IN SERIES.								\$790,003	Gas	190 HP	290	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$78.48	\$4.65	\$83.13	\$56.62	\$6.70	\$1.09	\$0.15	\$121.96	\$186.52	\$269.65				
Standby	\$39.24	\$4.65							\$43.89					

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

KPI-JCI

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L30KJ001	11-2450	LOADER, CONVEYOR BELT & ACCESSORIES, 24" WIDE X 50' LONG CONVEYOR WITH 24" DEEP LATTICE FRAME, SINGLE AXLE TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, UP TO 250 TONS PER HOUR								\$52,448	Elec	10 HP	105	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.06	\$0.30	\$4.36	\$0.75	\$0.32	\$0.30	\$0.04	\$5.28	\$6.70	\$11.06				
Severe	\$5.07	\$0.31	\$5.38	\$0.99	\$0.43	\$0.77	\$0.10	\$7.27	\$9.56	\$14.94				
Standby	\$2.03	\$0.30							\$2.33					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L30KJ002	11-2460	LOADER, CONVEYOR BELT & ACCESSORIES, 24" WIDE X 60' LONG CONVEYOR WITH 24" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, UP TO 250 TONS PER HOUR	\$51,944		Elec	10	HP	128		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.02	\$0.30	\$4.32	\$0.75	\$0.32	\$0.30	\$0.04	\$5.23	\$6.65	\$10.97
Severe	\$5.02	\$0.31	\$5.33	\$0.99	\$0.43	\$0.77	\$0.10	\$7.19	\$9.49	\$14.82
Standby	\$2.01	\$0.30							\$2.31	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L30KJ004	616 E-3	LOADER, CONVEYOR BELT & ACCESSORIES, 6' X 16', VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 36" X 28.5' FEEDER CONVEYOR/ 48" X27' UNDER SCREEN CONVEYOR/ & 24" X 20' SIDE DELIVERY CONVEYOR, TRAILER MTD	\$225,832		Elec	85	HP	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.27	\$1.30	\$18.57	\$6.41	\$2.75	\$1.88	\$0.25	\$22.54	\$33.84	\$52.41
Severe	\$21.59	\$1.33	\$22.92	\$8.38	\$3.60	\$4.89	\$0.66	\$30.99	\$48.52	\$71.44
Standby	\$8.64	\$1.30							\$9.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L30S4002	RUN-ON HYDRAULIC LEG	LOADER CONVERYOR BELT & ACCESSORIES, 4 HYDRAULIC JACK LEGS		\$26,553				28		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.15	\$2.27	\$0.00	\$0.00	\$0.00	\$0.00	\$2.75	\$2.75	\$5.02
Severe	\$2.66	\$0.16	\$2.82	\$0.00	\$0.00	\$0.00	\$0.00	\$3.78	\$3.78	\$6.60
Standby	\$1.06	\$0.15							\$1.21	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L30S4007	30" X 100' CONVEYOR	CONVEYOR, 30" WIDTH X 100' L, 500 TPH MAX (ADD 12KW GENERATOR)		\$54,372	Elec	15	HP	64		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.55	\$0.31	\$3.86	\$1.13	\$0.49	\$2.03	\$0.27	\$4.80	\$8.72	\$12.58
Severe	\$4.44	\$0.32	\$4.76	\$1.48	\$0.64	\$5.76	\$0.78	\$6.60	\$15.26	\$20.02
Standby	\$1.78	\$0.31							\$2.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L30S4008	LOADER HOPPER	HOPPER FOR FRONT WHEEL LOADER, 500 TPH INCLUDES GRIZZLY SCREEN	\$69,386			40				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.55	\$0.40	\$5.95	\$0.00	\$0.00	\$0.00	\$0.00	\$7.18	\$7.18	\$13.13
Severe	\$6.94	\$0.41	\$7.35	\$0.00	\$0.00	\$0.00	\$0.00	\$9.87	\$9.87	\$17.22
Standby	\$2.78	\$0.40							\$3.18	

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L35CS001	TR270B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET	\$80,478	D-Off	74 HP	98				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.44	\$0.46	\$6.90	\$11.17	\$1.02	\$0.00	\$0.00	\$9.14	\$21.33	\$28.23
Severe	\$8.05	\$0.47	\$8.52	\$14.46	\$1.31	\$0.00	\$0.00	\$12.99	\$28.76	\$37.28
Standby	\$3.22	\$0.46							\$3.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CS002	TR310B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET	\$83,653		D-Off	74 HP	89			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.69	\$0.48	\$7.17	\$11.17	\$1.02	\$0.00	\$0.00	\$9.50	\$21.69	\$28.86
Severe	\$8.37	\$0.49	\$8.86	\$14.46	\$1.31	\$0.00	\$0.00	\$13.50	\$29.27	\$38.13
Standby	\$3.35	\$0.48							\$3.83	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CS003	TR340B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET	\$102,733		D-Off	84 HP	100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.22	\$0.59	\$8.81	\$12.68	\$1.15	\$0.00	\$0.00	\$11.67	\$25.50	\$34.31
Severe	\$10.27	\$0.60	\$10.87	\$16.41	\$1.49	\$0.00	\$0.00	\$16.58	\$34.48	\$45.35
Standby	\$4.11	\$0.59							\$4.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35CS100	TV370B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET								\$89,894	D-Off	74 HP	93	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.19	\$0.52	\$7.71	\$11.17	\$1.02	\$0.00	\$0.00	\$10.21	\$22.40	\$30.11				
Severe	\$8.99	\$0.53	\$9.52	\$14.46	\$1.31	\$0.00	\$0.00	\$14.51	\$30.28	\$39.80				
Standby	\$3.60	\$0.52							\$4.12					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35CS101	TV450B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET								\$104,947	D-Off	90 HP	100	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.40	\$0.60	\$9.00	\$13.59	\$1.24	\$0.00	\$0.00	\$11.92	\$26.75	\$35.75				
Severe	\$10.49	\$0.62	\$11.11	\$17.58	\$1.60	\$0.00	\$0.00	\$16.94	\$36.11	\$47.22				
Standby	\$4.20	\$0.60							\$4.80					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA001	239D	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET	\$74,898		D-Off	67.1 HP	73			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.99	\$0.43	\$6.42	\$10.13	\$0.92	\$0.00	\$0.00	\$8.51	\$19.56	\$25.98
Severe	\$7.49	\$0.44	\$7.93	\$13.11	\$1.19	\$0.00	\$0.00	\$12.09	\$26.39	\$34.32
Standby	\$3.00	\$0.43							\$3.43	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA002	249D3	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET	\$74,926		D-Off	67.1 HP	78			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.99	\$0.43	\$6.42	\$10.13	\$0.92	\$0.00	\$0.00	\$8.51	\$19.56	\$25.98
Severe	\$7.49	\$0.44	\$7.93	\$13.11	\$1.19	\$0.00	\$0.00	\$12.09	\$26.39	\$34.32
Standby	\$3.00	\$0.43							\$3.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA003	257D	COMPACT TRACK LOADER, 0.54 CY, 66" BUCKET	\$79,098		D-Off 74.3	HP	81			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.33	\$0.46	\$6.79	\$11.22	\$1.02	\$0.00	\$0.00	\$8.99	\$21.23	\$28.02
Severe	\$7.91	\$0.47	\$8.38	\$14.52	\$1.32	\$0.00	\$0.00	\$12.76	\$28.60	\$36.98
Standby	\$3.17	\$0.46							\$3.63	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA004	259D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	\$68,737		D-Off 74.3	HP	90			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.50	\$0.40	\$5.90	\$11.22	\$1.02	\$0.00	\$0.00	\$7.81	\$20.05	\$25.95
Severe	\$6.87	\$0.40	\$7.27	\$14.52	\$1.32	\$0.00	\$0.00	\$11.09	\$26.93	\$34.20
Standby	\$2.75	\$0.40							\$3.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
L35CA005	953K	LOADER, FRONT END, CRAWLER, 2.9 CY BUCKET							\$330,472	D-Off	177 HP	317
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$26.44	\$1.90	\$28.34	\$26.72	\$2.43	\$0.00	\$0.00	\$37.54	\$66.69	\$95.03		
Severe	\$33.05	\$1.94	\$34.99	\$34.58	\$3.14	\$0.00	\$0.00	\$53.33	\$91.05	\$126.04		
Standby	\$13.22	\$1.90							\$15.12			

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
L35CA006	277D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$95,298	D-Off	74.3 HP	93
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.62	\$0.55	\$8.17	\$11.22	\$1.02	\$0.00	\$0.00	\$10.83	\$23.07	\$31.24		
Severe	\$9.53	\$0.56	\$10.09	\$14.52	\$1.32	\$0.00	\$0.00	\$15.38	\$31.22	\$41.31		
Standby	\$3.81	\$0.55							\$4.36			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA007	973K	LOADER, FRONT END, CRAWLER, 5.50 CY BUCKET	\$617,544		D-Off 310	HP	585			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.40	\$3.55	\$52.95	\$46.80	\$4.25	\$0.00	\$0.00	\$70.15	\$121.21	\$174.16
Severe	\$61.75	\$3.63	\$65.38	\$60.56	\$5.50	\$0.00	\$0.00	\$99.65	\$165.72	\$231.10
Standby	\$24.70	\$3.55							\$28.25	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA008	279D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	\$86,962		D-Off 74.3	HP	99			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.96	\$0.50	\$7.46	\$11.22	\$1.02	\$0.00	\$0.00	\$9.88	\$22.12	\$29.58
Severe	\$8.70	\$0.51	\$9.21	\$14.52	\$1.32	\$0.00	\$0.00	\$14.03	\$29.87	\$39.08
Standby	\$3.48	\$0.50							\$3.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA009	287D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	\$98,929		D-Off 74.3	HP	100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.91	\$0.57	\$8.48	\$11.22	\$1.02	\$0.00	\$0.00	\$11.24	\$23.48	\$31.96
Severe	\$9.89	\$0.58	\$10.47	\$14.52	\$1.32	\$0.00	\$0.00	\$15.96	\$31.80	\$42.27
Standby	\$3.96	\$0.57							\$4.53	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L35CA010	289D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	\$93,721		D-Off 74.3	HP	107			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.50	\$0.54	\$8.04	\$11.22	\$1.02	\$0.00	\$0.00	\$10.65	\$22.89	\$30.93
Severe	\$9.37	\$0.55	\$9.92	\$14.52	\$1.32	\$0.00	\$0.00	\$15.12	\$30.96	\$40.88
Standby	\$3.75	\$0.54							\$4.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L35CA011	299D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$103,424	D-Off	98	HP	115
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.27	\$0.60	\$8.87	\$14.79	\$1.34	\$0.00	\$0.00	\$11.75	\$27.88	\$36.75			
Severe	\$10.34	\$0.61	\$10.95	\$19.15	\$1.74	\$0.00	\$0.00	\$16.69	\$37.58	\$48.53			
Standby	\$4.14	\$0.60							\$4.74				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L35CA014	963K	LOADER, FRONT END, CRAWLER, 3.70 CY BUCKET							\$394,006	D-Off	224	HP	448
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.52	\$2.27	\$33.79	\$33.82	\$3.07	\$0.00	\$0.00	\$44.76	\$81.65	\$115.44			
Severe	\$39.40	\$2.32	\$41.72	\$43.76	\$3.98	\$0.00	\$0.00	\$63.58	\$111.32	\$153.04			
Standby	\$15.76	\$2.27							\$18.03				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L35CA015	297 D2 XHP	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$129,147	D-Off	110	HP	109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.33	\$0.74	\$11.07	\$16.61	\$1.51	\$0.00	\$0.00	\$14.67	\$32.79	\$43.86			
Severe	\$12.91	\$0.76	\$13.67	\$21.49	\$1.95	\$0.00	\$0.00	\$20.84	\$44.28	\$57.95			
Standby	\$5.17	\$0.74							\$5.91				

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type			CWT
									7/1/2019	Main	Carrier		
L35CA040	297D2	FRONT END LOADER, TRACKED, 0.54 CY, 66" WIDE BUCKET							\$112,540	D-Off	98	HP	107
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.00	\$0.65	\$9.65	\$14.79	\$1.34	\$0.00	\$0.00	\$12.78	\$28.92	\$38.57			
Severe	\$11.25	\$0.66	\$11.91	\$19.15	\$1.74	\$0.00	\$0.00	\$18.16	\$39.05	\$50.96			
Standby	\$4.50	\$0.65							\$5.15				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

MELROE BOBCAT

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35ME001	T550	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET								\$55,442	D-Off	68 HP	76	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.44	\$0.32	\$4.76	\$10.27	\$0.93	\$0.00	\$0.00	\$6.30	\$17.50	\$22.26				
Severe	\$5.54	\$0.33	\$5.87	\$13.28	\$1.21	\$0.00	\$0.00	\$8.95	\$23.43	\$29.30				
Standby	\$2.22	\$0.32							\$2.54					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35ME002	S590	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET								\$50,597	D-Off	68 HP	78	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.05	\$0.29	\$4.34	\$10.27	\$0.93	\$0.00	\$0.00	\$5.75	\$16.95	\$21.29				
Severe	\$5.06	\$0.30	\$5.36	\$13.28	\$1.21	\$0.00	\$0.00	\$8.16	\$22.65	\$28.01				
Standby	\$2.03	\$0.29							\$2.32					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

MELROE BOBCAT

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35ME003	T595	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET								\$59,239	D-Off	70 HP	81	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.74	\$0.34	\$5.08	\$10.57	\$0.96	\$0.00	\$0.00	\$6.73	\$18.26	\$23.34				
Severe	\$5.92	\$0.35	\$6.27	\$13.68	\$1.24	\$0.00	\$0.00	\$9.56	\$24.48	\$30.75				
Standby	\$2.37	\$0.34							\$2.71					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L35ME004	T62	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET								\$64,294	D-Off	68 HP	86	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.14	\$0.37	\$5.51	\$10.27	\$0.93	\$0.00	\$0.00	\$7.30	\$18.51	\$24.02				
Severe	\$6.43	\$0.38	\$6.81	\$13.28	\$1.21	\$0.00	\$0.00	\$10.37	\$24.86	\$31.67				
Standby	\$2.57	\$0.37							\$2.94					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

MELROE BOBCAT										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
L35ME005	T64	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET			\$68,611	D-Off	68	HP		88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.49	\$0.39	\$5.88	\$10.27	\$0.93	\$0.00	\$0.00	\$7.79	\$19.00	\$24.88
Severe	\$6.86	\$0.40	\$7.26	\$13.28	\$1.21	\$0.00	\$0.00	\$11.07	\$25.56	\$32.82
Standby	\$2.75	\$0.39							\$3.14	

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION										
SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				
					7/1/2019	Main	Carrier			CWT
L40CS004	21F	LOADER, FRONT END, WHEEL, 1.05 CY BUCKET, ARTICULATED, 4X4			\$98,319	D-Off	58	HP		109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.74	\$0.59	\$8.33	\$7.98	\$0.80	\$0.68	\$0.09	\$7.52	\$17.07	\$25.40
Severe	\$8.19	\$0.59	\$8.78	\$10.56	\$1.05	\$2.18	\$0.29	\$9.09	\$23.18	\$31.96
Standby	\$3.87	\$0.59							\$4.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS005	121F	LOADER, FRONT END, WHEEL, 1.18 CY BUCKET, ARTICULATED, 4X4	\$104,448	D-Off 60	HP	114				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.24	\$0.62	\$8.86	\$8.26	\$0.83	\$0.68	\$0.09	\$8.00	\$17.85	\$26.71
Severe	\$8.71	\$0.63	\$9.34	\$10.92	\$1.09	\$2.18	\$0.29	\$9.66	\$24.15	\$33.49
Standby	\$4.12	\$0.62							\$4.74	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS012	621G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4	\$251,975	D-Off 172	HP	282				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.70	\$1.51	\$21.21	\$23.67	\$2.36	\$3.60	\$0.49	\$19.17	\$49.29	\$70.50
Severe	\$20.83	\$1.51	\$22.34	\$31.31	\$3.13	\$11.61	\$1.57	\$23.16	\$70.77	\$93.11
Standby	\$9.85	\$1.51							\$11.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS013	721G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4	\$301,461	D-Off	195 HP		325			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.71	\$1.80	\$25.51	\$26.84	\$2.68	\$3.60	\$0.49	\$23.04	\$56.65	\$82.16
Severe	\$25.07	\$1.81	\$26.88	\$35.50	\$3.55	\$11.61	\$1.57	\$27.83	\$80.06	\$106.94
Standby	\$11.86	\$1.80							\$13.66	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS014	821G	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4	\$377,321	D-Off	230 HP		401			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.38	\$2.26	\$30.64	\$31.66	\$3.16	\$10.93	\$1.48	\$27.89	\$75.13	\$105.77
Severe	\$30.00	\$2.27	\$32.27	\$41.87	\$4.18	\$35.23	\$4.76	\$33.70	\$119.74	\$152.01
Standby	\$14.19	\$2.26							\$16.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
L40CS031	521G	LOADER, FRONT END, WHEEL, 2.1 CY BUCKET, ARTICULATED, 4X4				\$219,708	D-Off	131 HP		241
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.14	\$1.31	\$18.45	\$18.03	\$1.80	\$3.34	\$0.45	\$16.68	\$40.31	\$58.76
Severe	\$18.12	\$1.32	\$19.44	\$23.85	\$2.38	\$10.77	\$1.45	\$20.16	\$58.61	\$78.05
Standby	\$8.57	\$1.31							\$9.88	

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description				Value TEV	Engine Horsepower and Fuel Type			CWT
						7/1/2019	Main	Carrier		
L40CA001	903D	LOADER, FRONT END, WHEEL, 0.8-1.3 CY BUCKET, ARTICULATED, 4X4				\$81,984	D-Off	42 HP		94
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.64	\$0.49	\$4.13	\$5.78	\$0.58	\$13.91	\$1.88	\$4.24	\$26.38	\$30.51
Severe	\$3.85	\$0.49	\$4.34	\$7.65	\$0.76	\$44.81	\$6.05	\$5.12	\$64.39	\$68.73
Standby	\$1.82	\$0.49							\$2.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA002	926M	LOADER, FRONT END, WHEEL, 3.8 HEAPED CY BUCKET, ARTICULATED, 4X4		\$251,848	D-Off	155	HP	288		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.47	\$1.51	\$18.98	\$21.33	\$2.13	\$14.58	\$1.97	\$17.55	\$57.56	\$76.54
Severe	\$18.46	\$1.51	\$19.97	\$28.22	\$2.82	\$46.98	\$6.34	\$21.20	\$105.57	\$125.54
Standby	\$8.74	\$1.51							\$10.25	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA014	907M	LOADER, FRONT END, WHEEL, 1.3 HEAPED CY BUCKET, ARTICULATED, 4X4		\$122,926	D-Off	74	HP	127		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.72	\$0.74	\$10.46	\$10.19	\$1.02	\$0.73	\$0.10	\$9.43	\$21.47	\$31.93
Severe	\$10.28	\$0.74	\$11.02	\$13.47	\$1.35	\$2.36	\$0.32	\$11.39	\$28.89	\$39.91
Standby	\$4.86	\$0.74							\$5.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA019	914	LOADER, FRONT END, WHEEL, 2.0 HEAPED CY BUCKET, ARTICULATED, 4X4	\$182,675		D-Off	111 HP	191			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.13	\$1.09	\$15.22	\$15.28	\$1.53	\$3.34	\$0.45	\$13.79	\$34.39	\$49.61
Severe	\$14.94	\$1.10	\$16.04	\$20.21	\$2.02	\$10.77	\$1.45	\$16.66	\$51.11	\$67.15
Standby	\$7.07	\$1.09							\$8.16	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA023	938M	LOADER, FRONT END, WHEEL, 3.80 CY BUCKET, ARTICULATED, 4X4	\$311,215		D-Off	190 HP	362			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.45	\$1.86	\$26.31	\$26.15	\$2.61	\$3.85	\$0.52	\$23.76	\$56.89	\$83.20
Severe	\$25.85	\$1.87	\$27.72	\$34.59	\$3.46	\$12.40	\$1.67	\$28.71	\$80.82	\$108.54
Standby	\$12.23	\$1.86							\$14.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA024	950M	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4	\$368,613	D-Off	250 HP		424			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.33	\$2.20	\$30.53	\$34.41	\$3.44	\$7.66	\$1.03	\$27.69	\$74.24	\$104.77
Severe	\$29.95	\$2.22	\$32.17	\$45.51	\$4.55	\$24.69	\$3.33	\$33.46	\$111.54	\$143.71
Standby	\$14.17	\$2.20							\$16.37	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA025	962M	LOADER, FRONT END, WHEEL, 4.75 HEAPED CY BUCKET, ARTICULATED, 4X4	\$383,338	D-Off	271 HP		446			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.53	\$2.29	\$31.82	\$37.30	\$3.73	\$7.66	\$1.03	\$28.84	\$78.57	\$110.39
Severe	\$31.22	\$2.30	\$33.52	\$49.33	\$4.93	\$24.69	\$3.33	\$34.85	\$117.13	\$150.65
Standby	\$14.77	\$2.29							\$17.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA033	906M	LOADER, FRONT END, WHEEL, 2.0 CY BUCKET, ARTICULATED, 4X4	\$119,591	D-Off	74 HP		124			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.45	\$0.72	\$10.17	\$10.19	\$1.02	\$0.73	\$0.10	\$9.17	\$21.21	\$31.38
Severe	\$9.99	\$0.72	\$10.71	\$13.47	\$1.35	\$2.36	\$0.32	\$11.08	\$28.57	\$39.28
Standby	\$4.73	\$0.72							\$5.45	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA034	908M	LOADER, FRONT END, WHEEL, 1.40 CY BUCKET, ARTICULATED, 4X4	\$135,606	D-Off	74 HP		141			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.77	\$0.81	\$11.58	\$10.19	\$1.02	\$0.66	\$0.09	\$10.44	\$22.40	\$33.98
Severe	\$11.39	\$0.82	\$12.21	\$13.47	\$1.35	\$2.13	\$0.29	\$12.61	\$29.84	\$42.05
Standby	\$5.39	\$0.81							\$6.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA040	930M	LOADER, FRONT END, WHEEL, 3.2 CY BUCKET, ARTICULATED, 4X4	\$273,491	D-Off 166	HP		309			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.40	\$1.64	\$23.04	\$22.85	\$2.28	\$3.85	\$0.52	\$20.81	\$50.31	\$73.35
Severe	\$22.62	\$1.64	\$24.26	\$30.22	\$3.02	\$12.40	\$1.67	\$25.15	\$72.45	\$96.71
Standby	\$10.70	\$1.64							\$12.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA041	910	LOADER, FRONT END, WHEEL, 1.7 CY BUCKET, ARTICULATED, 4X4	\$153,638	D-Off 102	HP		178			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.78	\$0.92	\$12.70	\$14.04	\$1.40	\$3.34	\$0.45	\$11.52	\$30.75	\$43.45
Severe	\$12.45	\$0.92	\$13.37	\$18.57	\$1.86	\$10.77	\$1.45	\$13.92	\$46.56	\$59.93
Standby	\$5.89	\$0.92							\$6.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA050	918M	LOADER, FRONT END, WHEEL, 2.2 CY BUCKET, ARTICULATED, 4X4	\$185,726	D-Off 117	HP		209			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.38	\$1.11	\$15.49	\$16.10	\$1.61	\$3.34	\$0.45	\$14.03	\$35.53	\$51.02
Severe	\$15.20	\$1.12	\$16.32	\$21.30	\$2.13	\$10.77	\$1.45	\$16.95	\$52.60	\$68.92
Standby	\$7.19	\$1.11							\$8.30	

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40KM003	WA200-8	LOADER, FRONT END, WHEEL, 2.60 CY - 3.10 HEAPED CY BUCKET, ARTICULATED, 4X4	\$181,191	D-Off 126	HP		258			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.91	\$1.08	\$14.99	\$17.34	\$1.73	\$3.85	\$0.52	\$13.60	\$37.04	\$52.03
Severe	\$14.71	\$1.09	\$15.80	\$22.94	\$2.29	\$12.40	\$1.67	\$16.43	\$55.73	\$71.53
Standby	\$6.96	\$1.08							\$8.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40CS032	921G	LOADER, FRONT END, WHEEL, 2.1 HEAPED CY BUCKET, ARTICULATED, 4X4								\$397,141	D-Off	242 HP	451	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$23.33	\$2.24	\$25.57	\$33.31	\$2.40	\$7.66	\$1.03	\$21.29	\$65.70	\$91.27				
Severe	\$25.28	\$2.25	\$27.53	\$44.05	\$3.17	\$24.69	\$3.33	\$24.71	\$99.96	\$127.49				
Standby	\$11.67	\$2.24							\$13.91					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40CS033	1021G	LOADER, FRONT END, WHEEL, 5.5 CY BUCKET, ARTICULATED, 4X4								\$490,871	D-Off	296 HP	553	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$29.10	\$2.77	\$31.87	\$40.74	\$2.93	\$7.66	\$1.03	\$26.50	\$78.87	\$110.74				
Severe	\$31.53	\$2.78	\$34.31	\$53.88	\$3.88	\$24.69	\$3.33	\$30.76	\$116.55	\$150.86				
Standby	\$14.55	\$2.77							\$17.32					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CASE CORPORATION

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L40CS034	1121G	LOADER, FRONT END, WHEEL, 6.25 CY BUCKET, ARTICULATED, 4X4	\$520,969	D-Off	320 HP	617				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.66	\$2.94	\$33.60	\$44.04	\$3.17	\$9.72	\$1.31	\$27.96	\$86.20	\$119.80
Severe	\$33.21	\$2.95	\$36.16	\$58.25	\$4.19	\$31.31	\$4.23	\$32.46	\$130.44	\$166.60
Standby	\$15.33	\$2.94							\$18.27	

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L40CA007	980M	LOADER, FRONT END, WHEEL, 7.50 HEAPED CY BUCKET, ARTICULATED, 4X4	\$720,526	D-Off	425 HP	664				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.87	\$4.06	\$45.93	\$58.50	\$4.21	\$17.15	\$2.31	\$38.29	\$120.46	\$166.39
Severe	\$45.36	\$4.08	\$49.44	\$77.37	\$5.57	\$55.25	\$7.46	\$44.44	\$190.09	\$239.53
Standby	\$20.94	\$4.06							\$25.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
L40CA018	990K	LOADER, FRONT END, WHEEL, 11.20 CY BUCKET, ARTICULATED, 4X4	\$1,661,525	D-Off	752	HP	1701			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$93.43	\$9.36	\$102.79	\$103.51	\$7.45	\$61.15	\$8.25	\$86.04	\$266.40	\$369.19
Severe	\$101.22	\$9.42	\$110.64	\$136.89	\$9.86	\$197.02	\$26.60	\$99.87	\$470.24	\$580.88
Standby	\$46.72	\$9.36							\$56.08	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
L40CA035	988K	LOADER, FRONT END, WHEEL, UP TO 11.00 CY BUCKET, ARTICULATED, 4X4	\$1,006,130	D-Off	580	HP	1010			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.93	\$5.67	\$62.60	\$79.83	\$5.75	\$34.55	\$4.66	\$52.36	\$177.15	\$239.75
Severe	\$61.68	\$5.70	\$67.38	\$105.58	\$7.60	\$111.34	\$15.03	\$60.77	\$300.33	\$367.71
Standby	\$28.47	\$5.67							\$34.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA042	966M	LOADER, FRONT END, WHEEL, 5.5 CY BUCKET, ARTICULATED, 4X4		\$554,294	D-Off	298	HP	512		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.11	\$3.12	\$34.23	\$41.02	\$2.95	\$20.84	\$2.81	\$28.66	\$96.28	\$130.51
Severe	\$33.70	\$3.14	\$36.84	\$54.25	\$3.91	\$67.15	\$9.07	\$33.26	\$167.63	\$204.47
Standby	\$15.56	\$3.12							\$18.68	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA051	950GC	LOADER, FRONT END, WHEEL, 4.25 CY BUCKET, ARTICULATED, 4X4		\$303,617	D-Off	243	HP	416		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.58	\$1.71	\$19.29	\$33.45	\$2.41	\$7.66	\$1.03	\$16.09	\$60.64	\$79.93
Severe	\$19.04	\$1.72	\$20.76	\$44.24	\$3.19	\$24.69	\$3.33	\$18.67	\$94.12	\$114.88
Standby	\$8.79	\$1.71							\$10.50	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA052	972M	LOADER, FRONT END, WHEEL, 7 CY, BUCKET, ARTICULATED, 4X4	\$566,855		D-Off 311	HP	549			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.88	\$3.19	\$35.07	\$42.81	\$3.08	\$20.84	\$2.81	\$29.36	\$98.90	\$133.97
Severe	\$34.54	\$3.21	\$37.75	\$56.61	\$4.08	\$67.15	\$9.07	\$34.07	\$170.97	\$208.72
Standby	\$15.94	\$3.19							\$19.13	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA053	982M	LOADER, FRONT END, WHEEL, 9.25 HEAPED CY BUCKET, ARTICULATED, 4X4	\$723,601		D-Off 436	HP	784			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.53	\$4.08	\$45.61	\$60.01	\$4.32	\$20.84	\$2.81	\$38.07	\$126.06	\$171.67
Severe	\$44.99	\$4.10	\$49.09	\$79.37	\$5.71	\$67.15	\$9.07	\$44.19	\$205.49	\$254.58
Standby	\$20.77	\$4.08							\$24.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40KM008	WA480-8	LOADER, FRONT END, WHEEL, 6.0 CY - 6.5 HEAPED CY BUCKET, ARTICULATED, 4X4								\$424,825	D-Off	299 HP	564	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$24.74	\$2.39	\$27.13	\$41.15	\$2.96	\$9.72	\$1.31	\$22.62	\$77.76	\$104.89				
Severe	\$26.80	\$2.41	\$29.21	\$54.43	\$3.92	\$31.31	\$4.23	\$26.25	\$120.14	\$149.35				
Standby	\$12.37	\$2.39							\$14.76					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40KM009	WA600-6	LOADER, FRONT END, WHEEL, 9.20 HEAPED CY BUCKET, ARTICULATED, 4X4								\$1,299,336	D-Off	527 HP	1190	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$77.00	\$7.32	\$84.32	\$72.54	\$5.22	\$20.51	\$2.77	\$70.13	\$171.17	\$255.49				
Severe	\$83.42	\$7.37	\$90.79	\$95.94	\$6.91	\$66.09	\$8.92	\$81.40	\$259.26	\$350.05				
Standby	\$38.50	\$7.32							\$45.82					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40KM011	WA800-3	LOADER, FRONT END, WHEEL, 18.30 HEAPED CY BUCKET, ARTICULATED, 4X4								\$1,670,900	D-Off	808 HP	2304	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$97.83	\$9.42	\$107.25	\$111.21	\$8.01	\$34.62	\$4.67	\$89.32	\$247.84	\$355.09				
Severe	\$105.99	\$9.47	\$115.46	\$147.09	\$10.59	\$111.57	\$15.06	\$103.68	\$387.99	\$503.45				
Standby	\$48.92	\$9.42							\$58.34					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40KM036	WA380-8	LOADER, FRONT END, WHEEL, 3.5 CY - 4.3 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4								\$306,645	D-Off	191 HP	410	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.83	\$1.73	\$19.56	\$26.29	\$1.89	\$6.74	\$0.91	\$16.31	\$52.14	\$71.70				
Severe	\$19.32	\$1.74	\$21.06	\$34.77	\$2.50	\$21.72	\$2.93	\$18.93	\$80.86	\$101.92				
Standby	\$8.92	\$1.73							\$10.65					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40KM037	WA470-8	LOADER, FRONT END, WHEEL, 5.0 CY - 5.8 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4								\$444,647	D-Off	272 HP	564	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$25.26	\$2.51	\$27.77	\$37.44	\$2.70	\$14.58	\$1.97	\$23.21	\$79.90	\$107.67				
Severe	\$27.37	\$2.52	\$29.89	\$49.51	\$3.56	\$46.98	\$6.34	\$26.94	\$133.34	\$163.23				
Standby	\$12.63	\$2.51							\$15.14					

L40 0.20 SKID STEER

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L40CS006	221F	LOADER, FRONT END, WHEEL, 1.57 CY BUCKET, ARTICULATED, 4X4								\$108,165	D-Off	70 HP	126	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.26	\$0.64	\$11.90	\$10.57	\$1.06	\$1.01	\$0.14	\$11.68	\$24.45	\$36.35				
Standby	\$5.63	\$0.64							\$6.27					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS015	321F	LOADER, FRONT END, WHEEL, 1.70 CY BUCKET, ARTICULATED, 4X4	\$118,880	D-Off	74	HP	136			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.78	\$0.70	\$12.48	\$11.17	\$1.12	\$3.20	\$0.43	\$12.36	\$28.28	\$40.76
Standby	\$5.89	\$0.70							\$6.59	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS039	SR160B	LOADER, FRONT END WHEEL, SKID-STEER, 14.1 CF, 72" BUCKET	\$52,239	D-Off	60	HP	55			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.25	\$0.31	\$5.56	\$9.06	\$0.91	\$1.16	\$0.16	\$5.49	\$16.77	\$22.33
Standby	\$2.63	\$0.31							\$2.94	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS040	SR175B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	\$57,301	D-Off	64	HP	84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.79	\$0.34	\$6.13	\$9.66	\$0.97	\$1.16	\$0.16	\$6.05	\$17.98	\$24.11
Standby	\$2.90	\$0.34							\$3.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS041	SV185	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	\$60,383	D-Off	57 HP		84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.12	\$0.36	\$6.48	\$8.60	\$0.86	\$1.16	\$0.16	\$6.39	\$17.16	\$23.64
Standby	\$3.06	\$0.36							\$3.42	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS042	SR210B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	\$63,729	D-Off	74 HP		84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.47	\$0.38	\$6.85	\$11.17	\$1.12	\$1.16	\$0.16	\$6.75	\$20.35	\$27.20
Standby	\$3.24	\$0.38							\$3.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS043	SR240B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	\$66,075	D-Off	74 HP		84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.81	\$0.39	\$7.20	\$11.17	\$1.12	\$0.85	\$0.12	\$7.08	\$20.34	\$27.54
Standby	\$3.41	\$0.39							\$3.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS044	SR270B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	\$77,533	D-Off	90	HP	90			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.03	\$0.46	\$8.49	\$13.59	\$1.36	\$0.85	\$0.12	\$8.35	\$24.26	\$32.75
Standby	\$4.02	\$0.46							\$4.48	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS045	SV280B	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 CY, 84" BUCKET	\$66,473	D-Off	74	HP	84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.85	\$0.39	\$7.24	\$11.17	\$1.12	\$0.85	\$0.12	\$7.13	\$20.38	\$27.62
Standby	\$3.43	\$0.39							\$3.82	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CS047	SV340B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	\$82,956	D-Off	90	HP	84			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.40	\$0.49	\$8.89	\$13.59	\$1.36	\$1.62	\$0.22	\$8.77	\$25.55	\$34.44
Standby	\$4.20	\$0.49							\$4.69	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA003	226D	LOADER, FRONT END WHEEL, SKID-STEER, 0.47 HEAPED CY, 60" BUCKET	\$41,647	D-Off	67.1 HP		57			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.26	\$0.25	\$4.51	\$10.13	\$1.01	\$0.66	\$0.09	\$4.44	\$16.33	\$20.84
Standby	\$2.13	\$0.25							\$2.38	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA004	232D	LOADER, FRONT END WHEEL, SKID-STEER, HEAPED 0.47 CY, 60" BUCKET	\$50,594	D-Off	67.1 HP		62			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.21	\$0.30	\$5.51	\$10.13	\$1.01	\$0.66	\$0.09	\$5.42	\$17.31	\$22.82
Standby	\$2.61	\$0.30							\$2.91	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA005	236D	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET	\$57,110	D-Off	74.3 HP		66			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.91	\$0.34	\$6.25	\$11.22	\$1.12	\$0.66	\$0.09	\$6.14	\$19.23	\$25.48
Standby	\$2.96	\$0.34							\$3.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA006	242D	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET	\$58,731	D-Off 74.3	HP		71			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.07	\$0.35	\$6.42	\$11.22	\$1.12	\$0.69	\$0.09	\$6.31	\$19.44	\$25.86
Standby	\$3.04	\$0.35							\$3.39	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA008	262D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET	\$66,493	D-Off 74.3	HP		83			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.90	\$0.39	\$7.29	\$11.22	\$1.12	\$0.69	\$0.09	\$7.17	\$20.29	\$27.58
Standby	\$3.45	\$0.39							\$3.84	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA010	272D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET	\$76,844	D-Off 98	HP		91			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.00	\$0.46	\$8.46	\$14.79	\$1.48	\$0.69	\$0.09	\$8.31	\$25.36	\$33.82
Standby	\$4.00	\$0.46							\$4.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40CA031	246D	LOADER, FRONT END, WHEEL, SKID-STEER, 15.4 CF, 72" BUCKET, 4X4	\$51,947	D-Off 74.3	HP	74				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.35	\$0.31	\$5.66	\$11.22	\$1.12	\$0.69	\$0.09	\$5.56	\$18.69	\$24.35
Standby	\$2.68	\$0.31							\$2.99	

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40ME012	S450	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET	\$38,606	D-Off 49	HP	54				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.79	\$0.23	\$4.02	\$7.40	\$0.74	\$1.16	\$0.16	\$3.99	\$13.44	\$17.46
Standby	\$1.90	\$0.23							\$2.13	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40ME016	S70	LOADER, FRONT END, WHEEL, SKID-STEER, 7.4 HEAPED CF, 36" WIDE BUCKET, 4X4	\$24,007	D-Off 23.5	HP	28				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.46	\$0.14	\$2.60	\$3.55	\$0.35	\$0.35	\$0.05	\$2.57	\$6.86	\$9.46
Standby	\$1.23	\$0.14							\$1.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40ME017	S510	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 CF, 62" BUCKET, 4X4	\$41,126	D-Off 55	HP		62			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.06	\$0.24	\$4.30	\$8.30	\$0.83	\$1.16	\$0.16	\$4.26	\$14.71	\$19.01
Standby	\$2.03	\$0.24							\$2.27	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40ME021	S62	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET, 4X4	\$57,638	D-Off 68	HP		69			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.82	\$0.34	\$6.16	\$10.27	\$1.03	\$1.16	\$0.16	\$6.08	\$18.69	\$24.85
Standby	\$2.91	\$0.34							\$3.25	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
L40ME022	S64	LOADER, FRONT END, WHEEL, SKID-STEER, 20.6 CF, 74" BUCKET, 4X4	\$58,467	D-Off 68	HP		70			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.00	\$0.35	\$6.35	\$10.27	\$1.03	\$0.85	\$0.12	\$6.24	\$18.51	\$24.86
Standby	\$3.00	\$0.35							\$3.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

MELROE BOBCAT

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40ME023	S740	LOADER, FRONT END, WHEEL, SKID-STEER, 23.3 HEAPED CF, 78" BUCKET, 4X4							\$58,377	D-Off	74 HP	88	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.99	\$0.35	\$6.34	\$11.17	\$1.12	\$0.85	\$0.12	\$6.23	\$19.49	\$25.83			
Standby	\$3.00	\$0.35							\$3.35				

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40CA015	TH255C	TELEHANDLER, 5,500 LB RATED LOAD CAPACITY, 18.3' MAX LIFT HEIGHT WITH 3000 LB CAPACITY, 10.8' MAX FORWARD REACH WITH 1700 LB CAPACITY, 4X4							\$97,337	D-Off	74 HP	110	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.16	\$0.58	\$7.74	\$10.19	\$1.02	\$0.49	\$0.07	\$8.42	\$20.18	\$27.92			
Severe	\$7.74	\$0.58	\$8.32	\$13.47	\$1.35	\$1.22	\$0.17	\$9.64	\$25.84	\$34.16			
Standby	\$3.58	\$0.58							\$4.16				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L40CA026	TL1055D	TELEHANDLER, 10,000 LB RATED LOAD CAPACITY, 55' MAX LIFT HEIGHT WITH 5,000 LB CAPACITY, 42' MAX FORWARD REACH WITH 2,500 LB CAPACITY, 4X4	\$227,655	D-Off 142.1	HP	319				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.82	\$1.35	\$18.17	\$19.56	\$1.95	\$0.87	\$0.12	\$19.76	\$42.26	\$60.43
Severe	\$18.18	\$1.36	\$19.54	\$25.87	\$2.58	\$2.17	\$0.29	\$22.62	\$53.54	\$73.08
Standby	\$8.41	\$1.35							\$9.76	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
L40CA027	TL1255D	TELEHANDLER, 12,000 LB RATED LOAD CAPACITY, 54.6' MAX LIFT HEIGHT WITH 5,000 LB CAPACITY, 42' MAX FORWARD REACH WITH 3,500 LB CAPACITY, 4X4	\$245,749	D-Off 142.1	HP	344				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.06	\$1.46	\$19.52	\$19.56	\$1.95	\$1.24	\$0.17	\$21.25	\$44.18	\$63.70
Severe	\$19.53	\$1.47	\$21.00	\$25.87	\$2.58	\$3.11	\$0.42	\$24.33	\$56.31	\$77.31
Standby	\$9.03	\$1.46							\$10.49	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA036	TL642D	TELEHANDLER, 6,500 LB RATED LOAD CAPACITY, 42' MAX LIFT HEIGHT WITH 6,500 LB CAPACITY, 30' MAX FORWARD REACH WITH 700 LB CAPACITY, 4X4		\$149,361	D-Off	100	HP	220		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.86	\$0.89	\$11.75	\$13.76	\$1.37	\$1.90	\$0.26	\$12.82	\$30.11	\$41.86
Severe	\$11.75	\$0.89	\$12.64	\$18.20	\$1.82	\$4.74	\$0.64	\$14.67	\$40.07	\$52.71
Standby	\$5.43	\$0.89							\$6.32	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA037	TL943D	TELEHANDLER, 9,000 LB RATED LB RATED LOAD CAPACITY, 43' MAX LIFT HEIGHT WITH 7,000 LB CAPACITY, 31' MAX FORWARD REACH WITH 1,200 LB CAPACITY, 4X4		\$170,209	D-Off	111	HP	258		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.40	\$1.01	\$13.41	\$15.28	\$1.53	\$1.24	\$0.17	\$14.62	\$32.84	\$46.25
Severe	\$13.40	\$1.02	\$14.42	\$20.21	\$2.02	\$3.11	\$0.42	\$16.74	\$42.50	\$56.92
Standby	\$6.20	\$1.01							\$7.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA038	TH514D	TELEHANDLER, 11,000 LB RATED LOAD CAPACITY, 45.6' MAX LIFT HEIGHT WITH 7,000 LB CAPACITY, 32.1' MAX FORWARD REACH WITH 3,750 LB CAPACITY, 4X4	\$201,762		D-Off	100	HP	262		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.80	\$1.20	\$16.00	\$13.76	\$1.37	\$1.90	\$0.26	\$17.42	\$34.71	\$50.71
Severe	\$15.99	\$1.21	\$17.20	\$18.20	\$1.82	\$4.74	\$0.64	\$19.94	\$45.34	\$62.54
Standby	\$7.40	\$1.20							\$8.60	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40CA039	TH408D	TELEHANDLER, 8,800 LB RATED LOAD CAPACITY, 24.9' MAX LIFT HEIGHT WITH 4400 LB CAPACITY, 14.1' MAX FORWARD REACH WITH 3,075 LB CAPACITY, 4X4	\$142,716		D-Off	124	HP	188		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.31	\$0.85	\$11.16	\$17.07	\$1.71	\$2.24	\$0.30	\$12.18	\$33.50	\$44.66
Severe	\$11.14	\$0.85	\$11.99	\$22.57	\$2.25	\$5.61	\$0.76	\$13.94	\$45.13	\$57.12
Standby	\$5.16	\$0.85							\$6.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40JC015	505-20TC	TELEHANDLER, 5500 LB MAX LOAD, 20' MAX LIFT HEIGHT WITH 3000 LB LOAD, 11.5' MAX FORWARD REACH WITH 1750 LB CAPACITY							\$77,491	D-Off	74	HP	121
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.73	\$0.46	\$6.19	\$10.19	\$1.02	\$0.29	\$0.04	\$6.73	\$18.26	\$24.45			
Severe	\$6.19	\$0.46	\$6.65	\$13.47	\$1.35	\$0.72	\$0.10	\$7.70	\$23.33	\$29.98			
Standby	\$2.87	\$0.46							\$3.33				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40JC016	508-66TC	TELEHANDLER, 8800 LB MAX LOAD, 65.5' MAX LIFT HEIGHT WITH 3300 LB LOAD, 52' MAX FORWARD REACH WITH 440 LB CAPACITY							\$155,823	D-Off	74	HP	287
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.06	\$0.93	\$11.99	\$10.19	\$1.02	\$3.52	\$0.48	\$13.13	\$28.34	\$40.33			
Severe	\$11.96	\$0.93	\$12.89	\$13.47	\$1.35	\$8.81	\$1.19	\$15.03	\$39.84	\$52.73			
Standby	\$5.53	\$0.93							\$6.46				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40JC017	509-23TC	TELEHANDLER, 9000 LB MAX LOAD, 23' MAX LIFT HEIGHT WITH 5000 LB LOAD, 12' MAX FORWARD REACH WITH 3300 LB CAPACITY		\$129,941	D-Off	74	HP	156		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.60	\$0.77	\$10.37	\$10.19	\$1.02	\$0.49	\$0.07	\$11.28	\$23.05	\$33.42
Severe	\$10.38	\$0.78	\$11.16	\$13.47	\$1.35	\$1.22	\$0.17	\$12.91	\$29.12	\$40.28
Standby	\$4.80	\$0.77							\$5.57	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L40JC018	509-45TC	TELEHANDLER, 8800 LB MAX LOAD, 45.2' MAX LIFT HEIGHT WITH 6600 LB LOAD, 32' MAX FORWARD REACH WITH 2750 LB CAPACITY		\$154,345	D-Off	109	HP	240		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.75	\$0.92	\$11.67	\$15.00	\$1.50	\$4.64	\$0.63	\$12.83	\$34.60	\$46.27
Severe	\$11.62	\$0.92	\$12.54	\$19.84	\$1.98	\$11.61	\$1.57	\$14.68	\$49.68	\$62.22
Standby	\$5.38	\$0.92							\$6.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40JC019	510-55TC	TELEHANDLER, 10,000 LB MAX LOAD, 54.75' MAX LIFT HEIGHT WITH 5,000 LB LOAD, 41.5' MAX FORWARD REACH WITH 1,000 LB CAPACITY							\$168,715	D-Off	74	HP	275
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.03	\$1.00	\$13.03	\$10.19	\$1.02	\$3.52	\$0.48	\$14.26	\$29.47	\$42.50			
Severe	\$13.00	\$1.01	\$14.01	\$13.47	\$1.35	\$8.81	\$1.19	\$16.33	\$41.14	\$55.15			
Standby	\$6.02	\$1.00							\$7.02				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L40JC020	512-26	TELEHANDLER, 12,000 LB MAX LOAD, 26.5' MAX LIFT HEIGHT WITH 6,600 LB LOAD, 14.7' MAX FORWARD REACH WITH 3,800 LB CAPACITY							\$150,438	D-Off	125	HP	243
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.73	\$0.89	\$11.62	\$17.21	\$1.72	\$1.85	\$0.25	\$12.73	\$33.76	\$45.38			
Severe	\$11.60	\$0.90	\$12.50	\$22.76	\$2.27	\$4.63	\$0.63	\$14.57	\$44.86	\$57.36			
Standby	\$5.37	\$0.89							\$6.26				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L50CS007	580 SUPER N	LOADER / BACKHOE, WHEEL, 1.29 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 14.5' MAX DIGGING DEPTH, 4X4								\$150,883	D-Off	95 HP	191	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.57	\$0.90	\$12.47	\$10.12	\$4.02	\$0.81	\$0.11	\$12.85	\$27.90	\$40.37				
Severe	\$18.33	\$0.95	\$19.28	\$14.34	\$5.69	\$2.73	\$0.37	\$21.61	\$44.74	\$64.02				
Standby	\$5.79	\$0.90							\$6.69					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L50CS008	590 SUPER N	LOADER / BACKHOE, WHEEL, 1.50 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 15.5' MAX DIGGING DEPTH, 4X4								\$165,917	D-Off	110 HP	206	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.62	\$0.99	\$13.61	\$11.72	\$4.65	\$1.17	\$0.16	\$14.04	\$31.73	\$45.34				
Severe	\$19.98	\$1.04	\$21.02	\$16.61	\$6.59	\$3.99	\$0.54	\$23.61	\$51.35	\$72.37				
Standby	\$6.31	\$0.99							\$7.30					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION												
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
L50CS036	580N	LOADER/BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 18' 3" DIGGING DEPTH, 4X4							7/1/2019	Main	Carrier	158
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.52	\$0.76	\$10.28	\$8.84	\$3.51	\$1.90	\$0.26	\$10.63	\$25.14	\$35.42		
Severe	\$15.08	\$0.80	\$15.88	\$12.53	\$4.97	\$6.82	\$0.92	\$17.88	\$43.13	\$59.01		
Standby	\$4.76	\$0.76							\$5.52			

CATERPILLAR INC. (MACHINE DIVISION)												
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
L50CA001	416F2	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 13 CF, 14.3' DIGGING DEPTH, 4X4							7/1/2019	Main	Carrier	243
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.81	\$0.76	\$10.57	\$10.12	\$4.02	\$0.61	\$0.08	\$10.87	\$25.71	\$36.28		
Severe	\$15.53	\$0.80	\$16.33	\$14.34	\$5.69	\$2.17	\$0.29	\$18.29	\$40.78	\$57.11		
Standby	\$4.91	\$0.76							\$5.67			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L50CA002	420XE	LOADER/BACKHOE, WHEEL, 1.4 CY FRONT END BUCKET, 13 CF BACKHOE BUCKET, 17.5' DIGGING DEPTH, 4X4		\$162,698	D-Off	102	HP	243		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.53	\$0.97	\$13.50	\$10.87	\$4.31	\$0.77	\$0.10	\$13.89	\$29.95	\$43.45
Severe	\$19.84	\$1.02	\$20.86	\$15.40	\$6.11	\$2.61	\$0.35	\$23.37	\$47.85	\$68.71
Standby	\$6.27	\$0.97							\$7.24	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L50CA003	415	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 7.3 CF, 14' DIGGING DEPTH, 4X4		\$99,813	D-Off	75	HP	243		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.57	\$0.60	\$8.17	\$7.99	\$3.17	\$0.77	\$0.10	\$8.42	\$20.45	\$28.62
Severe	\$11.98	\$0.63	\$12.61	\$11.32	\$4.49	\$2.61	\$0.35	\$14.17	\$32.95	\$45.56
Standby	\$3.79	\$0.60							\$4.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L50CA005	450	LOADER / BACKHOE, WHEEL, 1.75 CY FRONT END BUCKET, 9.5 CF, 21.1' DIGGING DEPTH, 4X4	\$226,859	D-Off 146	HP	293				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.60	\$1.35	\$18.95	\$15.56	\$6.18	\$0.77	\$0.10	\$19.47	\$42.08	\$61.03
Severe	\$27.86	\$1.42	\$29.28	\$22.04	\$8.75	\$2.61	\$0.35	\$32.76	\$66.51	\$95.79
Standby	\$8.80	\$1.35							\$10.15	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
L50CA037	430	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4	\$159,261	D-Off 118	HP	243				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.26	\$0.95	\$13.21	\$12.57	\$4.99	\$0.77	\$0.10	\$13.59	\$32.02	\$45.23
Severe	\$19.41	\$1.00	\$20.41	\$17.81	\$7.07	\$2.61	\$0.35	\$22.87	\$50.71	\$71.12
Standby	\$6.13	\$0.95							\$7.08	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
L50CA101	440	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4							\$190,049	D-Off	118	HP		293
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.69	\$1.13	\$15.82	\$12.57	\$4.99	\$0.77	\$0.10	\$16.27	\$34.70	\$50.52				
Severe	\$23.26	\$1.19	\$24.45	\$17.81	\$7.07	\$2.61	\$0.35	\$27.37	\$55.22	\$79.67				
Standby	\$7.35	\$1.13							\$8.48					

JCB INC.

JCB INC.									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
L50JC008	3CX14	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 14.6' DIGGING DEPTH, 4X4							\$82,412	D-Off	74	HP		154
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.14	\$0.49	\$6.63	\$7.89	\$3.13	\$0.88	\$0.12	\$6.86	\$18.88	\$25.51				
Severe	\$9.72	\$0.52	\$10.24	\$11.17	\$4.43	\$2.92	\$0.39	\$11.55	\$30.46	\$40.70				
Standby	\$3.07	\$0.49							\$3.56					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L50JC010	3CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 16.3' DIGGING DEPTH, 4X4								\$98,671	D-Off	109	HP	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.42	\$0.59	\$8.01	\$11.62	\$4.61	\$0.88	\$0.12	\$8.28	\$25.50	\$33.51				
Severe	\$11.75	\$0.62	\$12.37	\$16.45	\$6.53	\$2.92	\$0.39	\$13.93	\$40.22	\$52.59				
Standby	\$3.71	\$0.59							\$4.30					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L50JC011	4CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 20.1' DIGGING DEPTH, 4X4								\$128,122	D-Off	109	HP	187
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.65	\$0.76	\$10.41	\$11.62	\$4.61	\$1.25	\$0.17	\$10.76	\$28.41	\$38.82				
Severe	\$15.27	\$0.80	\$16.07	\$16.45	\$6.53	\$4.60	\$0.62	\$18.10	\$46.30	\$62.37				
Standby	\$4.83	\$0.76							\$5.59					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
L50JC013	3CX COMPACT	COMPACT LOADER/BACKHOE, WHEEL, 0.92 CY FRONT END BUCKET, 2.1 CF, 10.1' DIGGING DEPTH	7/1/2019		D-Off 74 HP					134
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.47	\$0.51	\$6.98	\$7.89	\$3.13	\$0.59	\$0.08	\$7.19	\$18.88	\$25.86
Severe	\$10.24	\$0.53	\$10.77	\$11.17	\$4.43	\$2.18	\$0.29	\$12.09	\$30.17	\$40.94
Standby	\$3.24	\$0.51							\$3.75	

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
L55FU001	B555	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 500 FT-LB, W/2.5" DIA CHISEL (ADD 175 CFM COMPRESSOR & LDR/BH)	7/1/2019							5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.43	\$0.07	\$1.50	\$0.00	\$0.52	\$0.00	\$0.00	\$1.85	\$2.37	\$3.87
Standby	\$0.72	\$0.07							\$0.79	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
L55FU002	B999	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 1000 FT-LB, W/ 3.5" DIA CHISEL (ADD 250 CFM COMPRESSOR & LDR/BH)	\$19,737			10				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.63	\$0.12	\$2.75	\$0.00	\$1.06	\$0.00	\$0.00	\$3.40	\$4.46	\$7.21
Standby	\$1.32	\$0.12							\$1.44	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
L55FU003	F6QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1,000 FT-LB, W/3" DIA. POINT (ADD 12,000-14,000 LOADER/BACKHOE)	\$16,820			7				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.24	\$0.10	\$2.34	\$0.00	\$0.00	\$0.00	\$0.00	\$2.90	\$2.90	\$5.24
Standby	\$1.12	\$0.10							\$1.22	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
L55FU004	F9QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1500 FT-LB, W/3.5" DIA. POINT (ADD 14,000-20,000 LOADER/BACKHOE)	\$24,794			11				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.31	\$0.15	\$3.46	\$0.00	\$0.00	\$0.00	\$0.00	\$4.28	\$4.28	\$7.74
Standby	\$1.66	\$0.15							\$1.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L60JD001	540G III	LOG SKIDDER, CABLE, 38,000 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4		\$208,572	D-Off	119	HP	228		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.30	\$1.16	\$17.46	\$16.38	\$1.75	\$4.57	\$0.62	\$14.36	\$37.69	\$55.15
Severe	\$20.37	\$1.19	\$21.56	\$21.66	\$2.32	\$13.96	\$1.89	\$20.52	\$60.35	\$81.91
Standby	\$8.15	\$1.16							\$9.31	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
L60JD002	640H	LOG SKIDDER, CABLE, 48,867 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4		\$272,406	D-Off	151	HP	239		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.73	\$1.52	\$23.25	\$20.78	\$2.23	\$4.57	\$0.62	\$19.08	\$47.28	\$70.53
Severe	\$27.16	\$1.55	\$28.71	\$27.49	\$2.94	\$13.96	\$1.89	\$27.26	\$73.54	\$102.25
Standby	\$10.87	\$1.52							\$12.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L60JD003	548G III - GRAPPLE	LOG SKIDDER, 8.0 SF GRAPPLE WITH BLADE, WHEEL, 4X4							\$203,626	D-Off	119 HP	217	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.58	\$1.13	\$17.71	\$16.38	\$1.75	\$2.33	\$0.31	\$14.52	\$35.29	\$53.00			
Severe	\$20.73	\$1.16	\$21.89	\$21.66	\$2.32	\$7.10	\$0.96	\$20.74	\$52.77	\$74.66			
Standby	\$8.29	\$1.13							\$9.42				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L60JD004	648H	LOG SKIDDER, 10.4 SF GRAPPLE WITH BLADE, WHEEL, 4X4							\$295,316	D-Off	160 HP	266	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$23.67	\$1.64	\$25.31	\$22.02	\$2.36	\$4.57	\$0.62	\$20.77	\$50.35	\$75.66			
Severe	\$29.59	\$1.69	\$31.28	\$29.13	\$3.12	\$13.96	\$1.89	\$29.68	\$77.78	\$109.06			
Standby	\$11.84	\$1.64							\$13.48				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L60JD006	643L	LOG SKIDDER, LOG FELLER/BUNCHER, 18" DIA TREE SAW CUTTER, WHEEL, 4X4								\$265,398	D-Off	170 HP	320	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.13	\$1.48	\$22.61	\$23.40	\$2.51	\$4.57	\$0.62	\$18.56	\$49.66	\$72.27				
Severe	\$26.41	\$1.51	\$27.92	\$30.95	\$3.31	\$13.96	\$1.89	\$26.52	\$76.63	\$104.55				
Standby	\$10.57	\$1.48							\$12.05					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
L60JD007	843K	LOG SKIDDER, LOG FELLER/BUNCHER, 20" DIA TREE SAW CUTTER, WHEEL, 4X4								\$269,739	D-Off	200 HP	323	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.50	\$1.50	\$23.00	\$27.53	\$2.95	\$4.57	\$0.62	\$18.88	\$54.55	\$77.55				
Severe	\$26.87	\$1.54	\$28.41	\$36.41	\$3.90	\$13.96	\$1.89	\$26.98	\$83.14	\$111.55				
Standby	\$10.75	\$1.50							\$12.25					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
M10MZ001	BARGE 40'x8'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 8' X 4', 23 TON	\$55,359				143			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.30	\$0.32	\$8.62	\$0.00	\$0.00	\$0.00	\$0.00	\$4.59	\$4.59	\$13.21
Standby	\$4.15	\$0.32							\$4.47	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
M10MZ003	BARGE 40'x10'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 10' X 4', 30 TON	\$64,771				173			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.72	\$0.37	\$10.09	\$0.00	\$0.00	\$0.00	\$0.00	\$5.37	\$5.37	\$15.46
Standby	\$4.86	\$0.37							\$5.23	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
M10MZ005	BARGE 40'x12'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 12' X 4', 36 TON	\$73,883				193			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.08	\$0.43	\$11.51	\$0.00	\$0.00	\$0.00	\$0.00	\$6.12	\$6.12	\$17.63
Standby	\$5.54	\$0.43							\$5.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
M10MZ007	BARGE 40'x12'x5'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 12' X 5', 51 TON	\$80,277			217				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.04	\$0.46	\$12.50	\$0.00	\$0.00	\$0.00	\$0.00	\$6.65	\$6.65	\$19.15
Standby	\$6.02	\$0.46							\$6.48	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
M10XX003	20-10-7	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 20' X 10' X 7'	\$31,384			90				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.71	\$0.18	\$4.89	\$0.00	\$0.00	\$0.00	\$0.00	\$2.60	\$2.60	\$7.49
Standby	\$2.36	\$0.18							\$2.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
M10XX004	40-10-5	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 40' X 10' X 5'								\$36,482			173
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.47	\$0.21	\$5.68	\$0.00	\$0.00	\$0.00	\$0.00	\$3.02	\$3.02	\$8.70			
Standby	\$2.74	\$0.21							\$2.95				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
M10XX020	48' X 12' X 4' BARGE	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 48' X 12' X 4', 20 TON								\$31,102			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.67	\$0.18	\$4.85	\$0.00	\$0.00	\$0.00	\$0.00	\$2.58	\$2.58	\$7.43			
Standby	\$2.34	\$0.18							\$2.52				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.45 FLAT-DECK OR CARGO BARGE (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
M10XX005	120-30-7	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 120' X 30' X 7', 480 TON	\$310,862			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.28	\$1.45	\$4.73	\$0.00	\$0.00	\$0.00	\$0.00	\$2.06	\$2.06	\$6.79
Standby	\$1.64	\$1.45							\$3.09	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
M10XX007	140-45-9	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 140' X 45' X 9', 1,255 TON	\$362,667			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.83	\$1.69	\$5.52	\$0.00	\$0.00	\$0.00	\$0.00	\$2.40	\$2.40	\$7.92
Standby	\$1.92	\$1.69							\$3.61	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
M10XX008	150-45-10	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 150' X 40' X 10', 1,240 TON	\$777,108			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.20	\$3.61	\$11.81	\$0.00	\$0.00	\$0.00	\$0.00	\$5.15	\$5.15	\$16.96
Standby	\$4.10	\$3.61							\$7.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10XX016	OPEN 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON								\$611,332			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.36	\$2.93	\$22.29	\$0.00	\$0.00	\$0.00	\$0.00	\$14.19	\$14.19	\$36.48			
Standby	\$9.68	\$2.93							\$12.61				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10XX017	OPEN 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON								\$611,332			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.36	\$2.93	\$22.29	\$0.00	\$0.00	\$0.00	\$0.00	\$14.19	\$14.19	\$36.48			
Standby	\$9.68	\$2.93							\$12.61				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10XX018	CLOSED 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON (COVERED)								\$647,596			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$20.51	\$3.10	\$23.61	\$0.00	\$0.00	\$0.00	\$0.00	\$15.03	\$15.03	\$38.64			
Standby	\$10.26	\$3.10							\$13.36				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10XX019	CLOSED 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON (COVERED)								\$647,596			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$20.51	\$3.10	\$23.61	\$0.00	\$0.00	\$0.00	\$0.00	\$15.03	\$15.03	\$38.64			
Standby	\$10.26	\$3.10							\$13.36				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10XX027	120410-BW	MARINE EQUIPMENT, ALL OTHER BARGES, 40' X 24' X 5' WORK BARGE WITH 36" HIGH SIDE WALLS AND LOADING RAMP, TWO - 12" DIA SPUDS								\$109,294			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.46	\$0.52	\$3.98	\$0.00	\$0.00	\$0.00	\$0.00	\$2.54	\$2.54	\$6.52			
Standby	\$1.73	\$0.52							\$2.25				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier		CWT			
M10XX029	130601-BJ	MARINE EQUIPMENT, ALL OTHER BARGES, 40' X 12' X 5', JACK UP BARGE, 4 DETACHABLE WELLS AND HYDRAULIC SYSTEM, 12 TON CAPACITY	\$183,792				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.82	\$0.88	\$6.70	\$0.00	\$0.00	\$0.00	\$0.00	\$4.26	\$4.26	\$10.96
Standby	\$2.91	\$0.88							\$3.79	

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier		CWT			
M10MZ010	COLT	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 20.25' X 8' X 3.5'	\$116,333	D-Off	135	HP	95			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.18	\$0.62	\$6.80	\$18.58	\$2.69	\$0.00	\$0.00	\$5.06	\$26.33	\$33.13
Severe	\$7.61	\$0.63	\$8.24	\$24.58	\$3.56	\$0.00	\$0.00	\$6.67	\$34.82	\$43.06
Standby	\$3.09	\$0.62							\$3.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10MZ011	MUSTANG	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 10' X 3.5'								\$154,820	D-Off	200 HP	180
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.22	\$0.83	\$9.05	\$27.53	\$3.99	\$0.00	\$0.00	\$6.74	\$38.26	\$47.31			
Severe	\$10.12	\$0.84	\$10.96	\$36.41	\$5.28	\$0.00	\$0.00	\$8.88	\$50.57	\$61.53			
Standby	\$4.11	\$0.83							\$4.94				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
M10MZ014	CLYDESDAL E	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 14' X 5'								\$248,188	D-Off	600 HP	380
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.18	\$1.33	\$14.51	\$82.58	\$11.97	\$0.00	\$0.00	\$10.80	\$105.34	\$119.85			
Severe	\$16.23	\$1.35	\$17.58	\$109.22	\$15.83	\$0.00	\$0.00	\$14.24	\$139.29	\$156.87			
Standby	\$6.59	\$1.33							\$7.92				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MUNSON WORKBOATS

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10M5001	19-8	MARINE EQUIPMENT, BOATS & LAUNCHES, 19' UTILITY, ROOF COVERING, 8' BEAM, SINGLE 115 HP OUTBOARD MOTOR		\$66,769	Gas	115	HP	31		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.55	\$0.36	\$3.91	\$26.26	\$3.21	\$0.00	\$0.00	\$2.91	\$32.38	\$36.29
Severe	\$4.37	\$0.36	\$4.73	\$34.27	\$4.19	\$0.00	\$0.00	\$3.83	\$42.30	\$47.03
Standby	\$1.78	\$0.36							\$2.14	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10M5002	21-22	MARINE EQUIPMENT, BOATS & LAUNCHES, 21' UTILITY, ROOF COVERING, 8.5' BEAM, SINGLE 150 HP OUTBOARD MOTOR		\$77,018	Gas	150	HP	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.09	\$0.41	\$4.50	\$34.25	\$4.19	\$0.00	\$0.00	\$3.35	\$41.79	\$46.29
Severe	\$5.04	\$0.42	\$5.46	\$44.70	\$5.47	\$0.00	\$0.00	\$4.42	\$54.59	\$60.05
Standby	\$2.05	\$0.41							\$2.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MUNSON WORKBOATS

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10M5003	23-20	MARINE EQUIPMENT, BOATS & LAUNCHES, 23' UTILITY, ROOF COVERING, 8.5' BEAM, TWIN 115 HP OUTBOARD MOTORS								\$92,362	Gas	230 HP	40	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.91	\$0.50	\$5.41	\$52.52	\$6.43	\$0.00	\$0.00	\$4.02	\$62.97	\$68.38				
Severe	\$6.04	\$0.50	\$6.54	\$68.54	\$8.39	\$0.00	\$0.00	\$5.30	\$82.23	\$88.77				
Standby	\$2.46	\$0.50							\$2.96					

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX009	17'	MARINE EQUIPMENT, BOATS & LAUNCHES, 17' RUNABOUT, 6' BEAM, RUNABOUT OUTBOARD ENGINE								\$30,747	Gas	90 HP	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.63	\$0.16	\$1.79	\$20.55	\$2.52	\$0.00	\$0.00	\$1.34	\$24.40	\$26.19				
Severe	\$2.01	\$0.17	\$2.18	\$26.82	\$3.28	\$0.00	\$0.00	\$1.76	\$31.87	\$34.05				
Standby	\$0.82	\$0.16							\$0.98					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX010	16' TENDER	MARINE EQUIPMENT, BOATS & LAUNCHES, 16' TENDER, 6.5' BEAM, OUTBOARD ENGINE								\$9,439	Gas	10 HP	10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.50	\$0.05	\$0.55	\$2.28	\$0.28	\$0.00	\$0.00	\$0.41	\$2.97	\$3.52				
Severe	\$0.62	\$0.05	\$0.67	\$2.98	\$0.36	\$0.00	\$0.00	\$0.54	\$3.89	\$4.56				
Standby	\$0.25	\$0.05							\$0.30					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX031	25' - 225 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' LENGTH, 8' BEAM, CANOPY, INBOARD ENGINE								\$50,476	Gas	300 HP	27	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.68	\$0.27	\$2.95	\$68.50	\$8.38	\$0.00	\$0.00	\$2.20	\$79.08	\$82.03				
Severe	\$3.30	\$0.27	\$3.57	\$89.40	\$10.94	\$0.00	\$0.00	\$2.90	\$103.24	\$106.81				
Standby	\$1.34	\$0.27							\$1.61					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10XX051	15' ALUMINUM BOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 15' LENGTH, OUTBOARD MOTOR		\$11,126	Gas	25	HP	10		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.59	\$0.06	\$0.65	\$5.71	\$0.70	\$0.00	\$0.00	\$0.48	\$6.89	\$7.54
Severe	\$0.73	\$0.06	\$0.79	\$7.45	\$0.91	\$0.00	\$0.00	\$0.64	\$9.00	\$9.79
Standby	\$0.30	\$0.06							\$0.36	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10XX052	20' SKIFF	MARINE EQUIPMENT, BOATS & LAUNCHES, 20' LENGTH, OUTBOARD MOTOR		\$21,846	Gas	90	HP	13		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.16	\$0.12	\$1.28	\$20.55	\$2.52	\$0.00	\$0.00	\$0.95	\$24.02	\$25.30
Severe	\$1.43	\$0.12	\$1.55	\$26.82	\$3.28	\$0.00	\$0.00	\$1.25	\$31.36	\$32.91
Standby	\$0.58	\$0.12							\$0.70	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

MARINE INLAND FABRICATORS

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
M10MZ013	STALLION	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 12' X 4'	\$224,192	D-Off 400 HP		300				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.21	\$1.15	\$12.36	\$55.06	\$7.98	\$0.00	\$0.00	\$9.91	\$72.95	\$85.31
Severe	\$13.45	\$1.16	\$14.61	\$72.82	\$10.55	\$0.00	\$0.00	\$12.63	\$96.01	\$110.62
Standby	\$5.61	\$1.15							\$6.76	

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
M10XX022	500	MARINE EQUIPMENT, BOATS & LAUNCHES, 50' LENGTH, 16' BEAM, 5' 0" DRAFT, PUSH BOAT	\$624,665	D-Off 750 HP		100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.23	\$3.20	\$34.43	\$103.23	\$14.96	\$0.00	\$0.00	\$27.61	\$145.80	\$180.23
Severe	\$37.48	\$3.24	\$40.72	\$136.53	\$19.78	\$0.00	\$0.00	\$35.20	\$191.52	\$232.24
Standby	\$15.62	\$3.20							\$18.82	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
M10XX023	550	MARINE EQUIPMENT, BOATS & LAUNCHES, 55' LENGTH, 24' BEAM, 7' 5" DRAFT PUSH BOAT	\$3,111,317	D-Off	710 HP	100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$155.57	\$15.94	\$171.51	\$97.72	\$14.16	\$0.00	\$0.00	\$137.52	\$249.40	\$420.91
Severe	\$186.68	\$16.14	\$202.82	\$129.25	\$18.73	\$0.00	\$0.00	\$175.34	\$323.32	\$526.14
Standby	\$77.79	\$15.94							\$93.73	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
M10XX024	600	MARINE EQUIPMENT, BOATS & LAUNCHES, 60' LENGTH, 26' BEAM, 8' 0" DRAFT, PUSH BOAT	\$1,765,282	D-Off	2100 HP	130				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$88.26	\$9.05	\$97.31	\$289.04	\$41.88	\$0.00	\$0.00	\$78.03	\$408.95	\$506.26
Severe	\$105.92	\$9.16	\$115.08	\$382.28	\$55.39	\$0.00	\$0.00	\$99.48	\$537.15	\$652.23
Standby	\$44.13	\$9.05							\$53.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX032	25' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' LENGTH, 14' BEAM, 5' DRAFT, PUSH BOAT, INBOARD ENGINES								\$215,660	D-Off	400 HP	380	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.78	\$1.11	\$11.89	\$55.06	\$7.98	\$0.00	\$0.00	\$9.53	\$72.57	\$84.46				
Severe	\$12.94	\$1.12	\$14.06	\$72.82	\$10.55	\$0.00	\$0.00	\$12.15	\$95.53	\$109.59				
Standby	\$5.39	\$1.11							\$6.50					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX035	25' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 25.25' LENGTH, 14' BEAM, 3.5' DRAFT, PUSH BOAT, INBOARD ENGINES								\$239,906	D-Off	600 HP	430	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.00	\$1.23	\$13.23	\$82.58	\$11.97	\$0.00	\$0.00	\$10.60	\$105.15	\$118.38				
Severe	\$14.39	\$1.24	\$15.63	\$109.22	\$15.83	\$0.00	\$0.00	\$13.52	\$138.57	\$154.20				
Standby	\$6.00	\$1.23							\$7.23					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX037	28' - 300 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 28' LENGTH, 9.5' BEAM, ENCLOSED CABIN, OUTBOARD ENGINE								\$85,455	Gas	300 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.27	\$0.44	\$4.71	\$68.50	\$8.38	\$0.00	\$0.00	\$3.78	\$80.66	\$85.37				
Severe	\$5.13	\$0.44	\$5.57	\$89.40	\$10.94	\$0.00	\$0.00	\$4.82	\$105.16	\$110.73				
Standby	\$2.14	\$0.44							\$2.58					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
M10XX038	34' - 500 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 34' LENGTH, ENCLOSED CABIN, OUTBOARD ENGINE								\$188,759	Gas	500 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.44	\$0.97	\$10.41	\$114.17	\$13.97	\$0.00	\$0.00	\$8.34	\$136.49	\$146.90				
Severe	\$11.33	\$0.98	\$12.31	\$149.00	\$18.24	\$0.00	\$0.00	\$10.64	\$177.88	\$190.19				
Standby	\$4.72	\$0.97							\$5.69					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10XX039	35' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 35' LENGTH, 16' BEAM, 6' DRAFT, PUSH BOAT, INBOARD ENGINES		\$360,746	D-Off	600	HP	500		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.04	\$1.85	\$19.89	\$82.58	\$11.97	\$0.00	\$0.00	\$15.94	\$110.49	\$130.38
Severe	\$21.64	\$1.87	\$23.51	\$109.22	\$15.83	\$0.00	\$0.00	\$20.33	\$145.38	\$168.89
Standby	\$9.02	\$1.85							\$10.87	

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
M10XX013	250 HD	MARINE EQUIPMENT, BOATS & LAUNCHES, 25', SHALLOW DRAFT, INLAND TUG, HEAVY DUTY		\$270,078	D-Off	660	HP	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.08	\$1.34	\$7.42	\$84.98	\$12.31	\$0.00	\$0.00	\$6.04	\$103.34	\$110.76
Standby	\$3.04	\$1.34							\$4.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
M10XX015	250	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' X 14', INLAND TUG	\$199,351	D-Off 305	HP		83			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.49	\$0.99	\$5.48	\$39.27	\$5.69	\$0.00	\$0.00	\$4.46	\$49.42	\$54.90
Standby	\$2.25	\$0.99							\$3.24	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
M10XX021	390	MARINE EQUIPMENT, BOATS & LAUNCHES, 39', STANDARD RUDDER, INLAND TUG	\$728,276	D-Off 380	HP		100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.39	\$3.60	\$19.99	\$48.93	\$7.09	\$0.00	\$0.00	\$16.30	\$72.32	\$92.31
Standby	\$8.20	\$3.60							\$11.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
P10HS006	1' L SWING LEAD 8X21	8" X 21" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	\$342			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.09
Standby	\$0.02	\$0.00							\$0.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
P10HS007	1' L SWING LEAD 8X27	8" X 27" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	\$352			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.09
Standby	\$0.02	\$0.00							\$0.02	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
P10HS008	1' L SWING LEAD 8X32	8" X 32" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	\$442			2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.05	\$0.00	\$0.05	\$0.00	\$0.00	\$0.00	\$0.00	\$0.06	\$0.06	\$0.11
Standby	\$0.03	\$0.00							\$0.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
P10HS009	1' L SWING LEAD 8X42	8" X 42" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	\$536			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.06	\$0.00	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07	\$0.07	\$0.13
Standby	\$0.03	\$0.00							\$0.03	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
P10HS010	21" PRIMARY CAP	21" PILE CAP WITH CUSHION & STRIKER PLATE	\$2,727			10				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.30	\$0.02	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.38	\$0.38	\$0.70
Standby	\$0.15	\$0.02							\$0.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
P10HS011	27" PRIMARY CAP	27" PILE CAP WITH CUSHION & STRIKER PLATE								\$4,546			12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.49	\$0.03	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.63	\$0.63	\$1.15			
Standby	\$0.25	\$0.03							\$0.28				

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
P10HS012	32" PRIMARY CAP	32" PILE CAP WITH CUSHION & STRIKER PLATE								\$6,935			14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.75	\$0.05	\$0.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.96	\$0.96	\$1.76			
Standby	\$0.38	\$0.05							\$0.43				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P10HS013	43" PRIMARY CAP	43" PILE CAP WITH CUSHION & STRIKER PLATE	\$9,259				18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.00	\$0.06	\$1.06	\$0.00	\$0.00	\$0.00	\$0.00	\$1.28	\$1.28	\$2.34
Standby	\$0.50	\$0.06							\$0.56	

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P10IC010	SWING 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 26" X 84'	\$32,059				101			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.47	\$0.21	\$3.68	\$0.00	\$0.00	\$0.00	\$0.00	\$4.42	\$4.42	\$8.10
Standby	\$1.74	\$0.21							\$1.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P10IC011	FIXED 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, FIXED, 8" X 26" X 84' (INCLUDES BOOM POINT CONNECTOR AND MODEL 55 HYDRAULIC POWER UNIT)	\$120,516	D-Off	51 HP		134			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.06	\$0.79	\$13.85	\$7.02	\$0.86	\$0.00	\$0.00	\$16.63	\$24.50	\$38.35
Standby	\$6.53	\$0.79							\$7.32	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P10IC012	SWING 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 32" X 84'	\$47,316				155			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.13	\$0.31	\$5.44	\$0.00	\$0.00	\$0.00	\$0.00	\$6.53	\$6.53	\$11.97
Standby	\$2.57	\$0.31							\$2.88	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P10IC013	FIXED 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, FIXED, 8" X 32" X 84' (INCLUDES BOOM POINT CONNECTOR AND MODEL 55 HYDRAULIC POWER UNIT)		\$144,316	D-Off	51	HP	193		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.63	\$0.95	\$16.58	\$7.02	\$0.86	\$0.00	\$0.00	\$19.91	\$27.79	\$44.37
Standby	\$7.82	\$0.95							\$8.77	

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P25DL001	D6-42	PILE HAMMER, SINGLE ACTING, DIESEL, 10,500 FT-LBS (ADD LEADS & CRANE)		\$27,296	D-Off	21	HP	36		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.64	\$0.17	\$3.81	\$2.89	\$2.25	\$0.00	\$0.00	\$4.71	\$9.85	\$13.66
Standby	\$1.82	\$0.17							\$1.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25DL003	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,320 FT-LBS (ADD LEADS & CRANE)								\$35,493	D-Off	54	HP	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.73	\$0.22	\$4.95	\$7.43	\$3.31	\$0.00	\$0.00	\$6.12	\$16.86	\$21.81				
Standby	\$2.37	\$0.22							\$2.59					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25DL004	D19-42	PILE HAMMER, SINGLE ACTING, DIESEL, 42,800 FT-LBS (ADD LEADS & CRANE)								\$40,357	D-Off	68	HP	84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.38	\$0.25	\$5.63	\$9.36	\$4.75	\$0.00	\$0.00	\$6.96	\$21.06	\$26.69				
Standby	\$2.69	\$0.25							\$2.94					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25DL005	D25-32	PILE HAMMER, SINGLE ACTING, DIESEL, 58,248 FT-LBS (ADD LEADS & CRANE)								\$69,394	D-Off	105	HP	124
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.25	\$0.42	\$9.67	\$14.45	\$7.07	\$0.00	\$0.00	\$11.97	\$33.49	\$43.16				
Standby	\$4.63	\$0.42							\$5.05					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25DL006	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,898 FT-LBS (ADD LEADS & CRANE)								\$70,806	D-Off	119 HP	135	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.44	\$0.43	\$9.87	\$16.38	\$8.60	\$0.00	\$0.00	\$12.21	\$37.19	\$47.06				
Standby	\$4.72	\$0.43							\$5.15					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25DL008	D46-32	PILE HAMMER, SINGLE ACTING, DIESEL, 107,177 FT-LBS (ADD LEADS & CRANE)								\$88,852	D-Off	196 HP	196	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.85	\$0.54	\$12.39	\$26.98	\$8.60	\$0.00	\$0.00	\$15.32	\$50.90	\$63.29				
Standby	\$5.93	\$0.54							\$6.47					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25DL009	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 165,000 FT-LBS (ADD LEADS & CRANE)								\$130,201	D-Off	249 HP	270	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.36	\$0.79	\$18.15	\$34.27	\$10.79	\$0.00	\$0.00	\$22.45	\$67.52	\$85.67				
Standby	\$8.68	\$0.79							\$9.47					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25DL010	D80-23	PILE HAMMER, SINGLE ACTING, DIESEL, 225,000 FT-LBS (ADD LEADS & CRANE)								\$202,869	D-Off	290 HP	373	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$27.05	\$1.24	\$28.29	\$39.92	\$13.14	\$0.00	\$0.00	\$34.98	\$88.04	\$116.33				
Standby	\$13.53	\$1.24							\$14.77					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25DL011	D100-23	PILE HAMMER, SINGLE ACTING, DIESEL, 300,000 FT-LBS (ADD LEADS & CRANE)								\$252,683	D-Off	362 HP	449	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$33.69	\$1.54	\$35.23	\$49.83	\$16.00	\$0.00	\$0.00	\$43.57	\$109.40	\$144.63				
Standby	\$16.85	\$1.54							\$18.39					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25MK001	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,335 FT-LBS (ADD LEADS & CRANE)								\$32,927	D-Off	39	HP	52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.39	\$0.20	\$4.59	\$5.37	\$0.66	\$0.00	\$0.00	\$5.68	\$11.71	\$16.30				
Standby	\$2.20	\$0.20							\$2.40					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25MK002	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 162,000 FT-LBS (ADD LEADS & CRANE)								\$128,177	D-Off	171	HP	321
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.09	\$0.78	\$17.87	\$23.54	\$2.88	\$0.00	\$0.00	\$22.10	\$48.52	\$66.39				
Standby	\$8.55	\$0.78							\$9.33					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P25MK003	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,937 FT-LBS (ADD LEADS & CRANE)								\$60,400	D-Off	85	HP	160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.05	\$0.37	\$8.42	\$11.70	\$1.43	\$0.00	\$0.00	\$10.42	\$23.55	\$31.97				
Standby	\$4.03	\$0.37							\$4.40					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

MKT MANUFACTURING, INC.

MKT MANUFACTURING, INC.										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25MK004	D100-13	PILE HAMMER, SINGLE ACTING, DIESEL, 246,000 FT-LBS (ADD LEADS & CRANE)								\$212,023	D-Off	256 HP	529	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$28.27	\$1.29	\$29.56	\$35.24	\$4.31	\$0.00	\$0.00	\$36.56	\$76.11	\$105.67				
Standby	\$14.14	\$1.29							\$15.43					

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/A

VULCAN HAMMER

VULCAN HAMMER										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25VU002	306	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 18,000 FT-LBS (ADD 750 CFM COMPRESSOR, LEADS & CRANE)								\$69,317	Air	750 CFM	121	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.82	\$0.41	\$10.23	\$0.00	\$2.50	\$0.00	\$0.00	\$11.95	\$14.45	\$24.68				
Standby	\$4.91	\$0.41							\$5.32					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/A

VULCAN HAMMER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P25VU003	505	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 25,000 FT-LBS (ADD 600 CFM COMPRESSOR, LEADS & CRANE)	\$84,870	Air	600 CFM		127			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.02	\$0.50	\$12.52	\$0.00	\$2.50	\$0.00	\$0.00	\$14.64	\$17.14	\$29.66
Standby	\$6.01	\$0.50							\$6.51	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P25VU004	506	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 32,500 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)	\$86,891	Air	900 CFM		140			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.31	\$0.52	\$12.83	\$0.00	\$2.50	\$0.00	\$0.00	\$14.98	\$17.48	\$30.31
Standby	\$6.16	\$0.52							\$6.68	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P25VU005	508	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 40,000 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)	\$116,936	Air	900 CFM		202			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.57	\$0.69	\$17.26	\$0.00	\$2.50	\$0.00	\$0.00	\$20.16	\$22.66	\$39.92
Standby	\$8.29	\$0.69							\$8.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/A

VULCAN HAMMER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25VU010	510	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 50,000 FT-LBS (ADD 1,050 CFM COMPRESSOR, LEADS & CRANE)								\$120,564	Air	1050 CFM	222	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.08	\$0.72	\$17.80	\$0.00	\$0.95	\$0.00	\$0.00	\$20.79	\$21.74	\$39.54				
Standby	\$8.54	\$0.72							\$9.26					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P25VU011	512	PILE HAMMER, SINGLE ACTING, PNEUMATIC (STEAM/AIR), 60,000 FT-LBS (ADD 1,200 CFM COMPRESSOR, LEADS & CRANE)								\$120,691	Air	1200 CFM	242	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.10	\$0.72	\$17.82	\$0.00	\$1.17	\$0.00	\$0.00	\$20.81	\$21.98	\$39.80				
Standby	\$8.55	\$0.72							\$9.27					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS001	44 HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 180 TON DRIVE FORCE, MAX LINE PULL OF 86 TONS	\$402,710	D-Off	575 HP		345			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.69	\$2.46	\$56.15	\$79.14	\$9.69	\$0.00	\$0.00	\$69.44	\$158.27	\$214.42
Standby	\$26.85	\$2.46							\$29.31	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS002	HVR100	EXCAVATOR MOUNTED VIBRATORY HAMMER, 56 TON DRIVING FORCE, ADD 235HP - 300HP EXCAVATOR	\$78,809				51			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.51	\$0.48	\$10.99	\$0.00	\$0.00	\$0.00	\$0.00	\$13.59	\$13.59	\$24.58
Standby	\$5.26	\$0.48							\$5.74	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS003	58HS	CRANE SUSPENDED VIBRATORY HAMMER/EXTRACTOR, 199 TON DRIVE FORCE, MAX LINE PULL OF 70 TONS	\$304,101	D-Off	595 HP		370			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.55	\$1.86	\$42.41	\$81.90	\$10.02	\$0.00	\$0.00	\$52.44	\$144.36	\$186.77
Standby	\$20.28	\$1.86							\$22.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS004	HVR60	EXCAVATOR MOUNTED VIBRATORY HAMMER, 45 TON DRIVING FORCE, ADD 130HP - 235HP EXCAVATOR	\$50,537			30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.74	\$0.31	\$7.05	\$0.00	\$0.00	\$0.00	\$0.00	\$8.71	\$8.71	\$15.76
Standby	\$3.37	\$0.31							\$3.68	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS005	HVR85	EXCAVATOR MOUNTED VIBRATORY HAMMER, 55 TON DRIVING FORCE, ADD 175HP - 300HP EXCAVATOR	\$74,816			50				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.98	\$0.46	\$10.44	\$0.00	\$0.00	\$0.00	\$0.00	\$12.90	\$12.90	\$23.34
Standby	\$4.99	\$0.46							\$5.45	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30HS014	15HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 58 TON DRIVE FORCE, MAX LINE PULL OF 35 TONS	\$137,503	D-Off	215 HP	125				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.33	\$0.84	\$19.17	\$29.59	\$3.62	\$0.00	\$0.00	\$23.71	\$56.92	\$76.09
Standby	\$9.17	\$0.84							\$10.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P30HS015	26HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 95 TON DRIVE FORCE, MAX LINE PULL OF 55 TONS								\$303,738	D-Off	350 HP	217	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$40.50	\$1.85	\$42.35	\$48.17	\$5.90	\$0.00	\$0.00	\$52.38	\$106.44	\$148.79				
Standby	\$20.25	\$1.85							\$22.10					

INTERNATIONAL CONSTRUCTION EQUIPMENT, INC

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P30IC001	22D	PILE HAMMER, VIBRATORY DRIVER/EXTRACTOR, 104 TON DRIVE FORCE, 100 TON MAX PULL, INCLUDES MODEL 350 HYDRAULIC POWER UNIT (ADD CRANE)								\$238,691	D-Off	350 HP	105	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$31.83	\$1.46	\$33.29	\$48.17	\$5.90	\$0.00	\$0.00	\$41.16	\$95.23	\$128.52				
Standby	\$15.92	\$1.46							\$17.38					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30MK001	V5E W/ HP185	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 53 TON FORCE DRIVE (ADD CRANE)	\$159,554	D-Off	185 HP		128			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.27	\$0.97	\$22.24	\$25.46	\$3.12	\$0.00	\$0.00	\$27.51	\$56.09	\$78.33
Standby	\$10.64	\$0.97							\$11.61	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30MK002	V2E W/ HP85	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 25 TON FORCE DRIVE (ADD CRANE)	\$93,956	D-Off	85 HP		56			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.53	\$0.57	\$13.10	\$11.70	\$1.43	\$0.00	\$0.00	\$16.20	\$29.33	\$42.43
Standby	\$6.27	\$0.57							\$6.84	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P30MK003	V22 W/ HP365	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 100 TON FORCE DRIVE (ADD CRANE)	\$238,788	D-Off	365 HP		206			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.84	\$1.46	\$33.30	\$50.24	\$6.15	\$0.00	\$0.00	\$41.18	\$97.57	\$130.87
Standby	\$15.92	\$1.46							\$17.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

MKT MANUFACTURING, INC.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
P30MK004	V52 W/ HP700	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 201 TON FORCE DRIVE (ADD CRANE)							\$399,696	D-Off	700 HP	340	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$53.29	\$2.44	\$55.73	\$96.35	\$11.79	\$0.00	\$0.00	\$68.92	\$177.07	\$232.80			
Standby	\$26.65	\$2.44							\$29.09				

P35 PIPELAYERS

P35 0.00 PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
P35CA011	PL83	PIPELAYER, 24' BOOM, 170,000 LBS CAPACITY							\$839,104	D-Off	319 HP	859	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$47.95	\$4.70	\$52.65	\$24.08	\$3.68	\$0.00	\$0.00	\$58.80	\$86.57	\$139.22			
Severe	\$58.37	\$4.77	\$63.14	\$31.16	\$4.77	\$0.00	\$0.00	\$82.89	\$118.82	\$181.96			
Standby	\$23.98	\$4.70							\$28.68				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P35 PIPELAYERS

P35 0.00 PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P35CA012	PL87	PIPELAYER, 28' BOOM, 216,000 LBS CAPACITY							\$996,792	D-Off	323 HP	906
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$56.96	\$5.59	\$62.55	\$24.38	\$3.73	\$0.00	\$0.00	\$69.85	\$97.96	\$160.51		
Severe	\$69.34	\$5.67	\$75.01	\$31.55	\$4.83	\$0.00	\$0.00	\$98.47	\$134.84	\$209.85		
Standby	\$28.48	\$5.59							\$34.07			

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P40XX025	COMMANDE R 4047	DIGGER DERRICK, 47' SHEAVE HEIGHT WITH 35' HORIZONTAL REACH, 25K LB LOAD CAPACITY, MOUNTED ON FREIGHTLINER M2 TRUCK							\$209,226	D-On	300 HP	330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$23.02	\$1.16	\$24.18	\$38.23	\$4.09	\$0.78	\$0.11	\$20.76	\$63.97	\$88.15		
Standby	\$11.51	\$1.16							\$12.67			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P40XX027	HR37M	MAN-LIFT, LINE-TRUCK, W/ 800 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 40' MAX WORKING HEIGHT. MOUNTED ON CHEVY 5500 4X4		\$121,914	D-On	300	HP	150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.46	\$0.67	\$14.13	\$38.23	\$4.09	\$0.40	\$0.05	\$12.14	\$54.91	\$69.04
Standby	\$6.73	\$0.67							\$7.40	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P40XX028	LT40	MAN-LIFT, LINE-TRUCK, W/ 800 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 40' MAX WORKING HEIGHT. MOUNTED ON RAM 5500 4X4		\$114,851	D-On	360	HP	150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.67	\$0.64	\$13.31	\$45.88	\$4.91	\$0.40	\$0.05	\$11.42	\$62.66	\$75.97
Standby	\$6.34	\$0.64							\$6.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P40XX029	HRX55	MAN-LIFT, LINE-TRUCK, W/ 2000 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 60' MAX WORKING HEIGHT. MOUNTED ON FREIGHTLINER M2 4X2 56KGVW TRUCK CHASSIS	\$201,674	D-On	300 HP		450			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.30	\$1.12	\$23.42	\$38.23	\$4.09	\$0.61	\$0.08	\$20.09	\$63.11	\$86.53
Standby	\$11.15	\$1.12							\$12.27	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P40XX064	F550 BUCKET TRUCK	LINETRUCK, F550 WITH VERSALIFT TRUGUARD 2.0, 1000 LB CAPACITY, TOOL BOX BODY	\$133,073	D-On	330 HP		195			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.72	\$0.74	\$15.46	\$42.06	\$4.50	\$0.38	\$0.05	\$13.26	\$60.26	\$75.72
Standby	\$7.36	\$0.74							\$8.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019	Main	Carrier					
P40TE016	GRC-12	MAN-LIFT, TELESCOPIC MAST, 18' WORKING HEIGHT, 500 LBS, 24 VOLT DC, RECHARGEABLE BATTERIES, SELF PROPELLED, 2.5' X 4.5' PLATFORM	\$24,201	Elec	1.07	HP			21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.72	\$0.13	\$2.85	\$0.06	\$0.08	\$0.00	\$0.00	\$2.45	\$2.59	\$5.44
Standby	\$1.36	\$0.13							\$1.49	

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019	Main	Carrier					
P40TE018	Z-45 XC	MAN-LIFT, ARTICULATED BOOM, 52' WORKING HEIGHT, 500 LBS, 24' REACH, 4X4, SELF PROPELLED, 2.5' X 6' PLATFORM	\$139,223	D-Off	48	HP			134	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.07	\$0.77	\$15.84	\$5.11	\$0.55	\$1.46	\$0.20	\$13.61	\$20.93	\$36.77
Standby	\$7.54	\$0.77							\$8.31	

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019	Main	Carrier					
P40TE019	S-80XC	MAN-LIFT, STRAIGHT BOOM, 86' WORKING HEIGHT, 500 LBS, 71.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM	\$273,499	D-Off	58	HP			355	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.58	\$1.51	\$32.09	\$6.18	\$0.66	\$0.30	\$0.04	\$27.53	\$34.71	\$66.80
Standby	\$15.29	\$1.51							\$16.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

TEREX CORPORATION										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P40TE020	Z-62/40 - 4WD	MAN-LIFT, ARTICULATED BOOM, 68' WORKING HEIGHT, 500 LBS, 41' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM								\$204,944	D-Off	48	HP	219
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$22.87	\$1.13	\$24.00	\$5.11	\$0.55	\$0.30	\$0.04	\$20.59	\$26.58	\$50.58				
Standby	\$11.44	\$1.13							\$12.57					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
P40TE021	S60XC	MAN-LIFT, STRAIGHT BOOM, 64' WORKING HEIGHT, 500 LBS, 51' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM								\$197,772	D-Off	48	HP	208
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$22.06	\$1.09	\$23.15	\$5.11	\$0.55	\$0.30	\$0.04	\$19.86	\$25.86	\$49.01				
Standby	\$11.03	\$1.09							\$12.12					
SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
P40TE022	SX-105XC	MAN-LIFT, STRAIGHT BOOM, 111' HEIGHT, 660 LBS, 80' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM								\$359,139	D-Off	74	HP	426
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$40.22	\$1.99	\$42.21	\$7.89	\$0.85	\$0.30	\$0.04	\$36.20	\$45.27	\$87.48				
Standby	\$20.11	\$1.99							\$22.10					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

TEREX CORPORATION										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P40TE023	S-40	MAN-LIFT, STRAIGHT BOOM, 46' WORKING HEIGHT, 660 LBS, 32' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM								\$146,590	D-Off	48	HP	124
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.33	\$0.81	\$17.14	\$5.11	\$0.55	\$0.25	\$0.03	\$14.71	\$20.65	\$37.79				
Standby	\$8.17	\$0.81							\$8.98					
TEREX CORPORATION										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P40TE024	S-85XC	MAN-LIFT, STRAIGHT BOOM, 91' HEIGHT, 660 LBS, 76.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM								\$284,999	D-Off	74	HP	380
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$31.88	\$1.58	\$33.46	\$7.89	\$0.85	\$0.30	\$0.04	\$28.69	\$37.76	\$71.22				
Standby	\$15.94	\$1.58							\$17.52					
TEREX CORPORATION										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P40TE031	GS-3246	MAN-LIFT, SCISSOR, 38' (11.6 M) WORKING HEIGHT, 5,211 LB (2,364 KG), 24V DC BATTERIES, 4X2								\$39,608	Elec	2	HP	52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.42	\$0.22	\$4.64	\$0.12	\$0.05	\$0.05	\$0.01	\$3.98	\$4.21	\$8.85				
Standby	\$2.21	\$0.22							\$2.43					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

TEREX CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
P40TE032	GS-3232	MAN-LIFT, SCISSOR, 38' (11.6 M) WORKING HEIGHT, 5,185 LB (2,352 KG), 24V DC BATTERIES, 4X2							\$47,633	Elec	2	HP	52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.32	\$0.26	\$5.58	\$0.12	\$0.05	\$0.05	\$0.01	\$4.79	\$5.02	\$10.60			
Standby	\$2.66	\$0.26							\$2.92				
TEREX CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
P40TE033	GS-2032	MAN-LIFT, SCISSOR, 26' (7.9 M) WORKING HEIGHT, 3,574 LB (1,621 KG), 24V DC BATTERIES, 4X2							\$26,022	Elec	2	HP	36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.89	\$0.14	\$3.03	\$0.12	\$0.05	\$0.05	\$0.01	\$2.60	\$2.84	\$5.87			
Standby	\$1.45	\$0.14							\$1.59				
TEREX CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
P40TE034	GS-4069RT - T4F	MAN-LIFT, SCISSOR, ROUGH TERRAIN W/ OUTRIGGERS, 46' (14.02 M) WORKING HEIGHT, 11,110 LB (5,039 KG), 4X4							\$109,124	D-Off	24.8	HP	111
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.51	\$0.60	\$12.11	\$2.64	\$0.28	\$1.21	\$0.16	\$10.42	\$14.72	\$26.83			
Standby	\$5.76	\$0.60							\$6.36				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P40TE035	GS-5390RT - T4F	MAN-LIFT, SCISSOR, ROUGH TERRAIN W/ OUTRIGGERS, 59' (18.15 M) WORKING HEIGHT, 18,272 LB (9,190 KG), 4X4								\$143,510	D-Off	48	HP	183
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.67	\$0.79	\$13.46	\$5.11	\$0.55	\$8.58	\$1.16	\$11.71	\$27.11	\$40.57				
Standby	\$6.34	\$0.79							\$7.13					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P40TE036	ZX-135/70 - 4WD	MAN-LIFT, ARTICULATED BOOM, 141' WORKING HEIGHT, 600 LBS, 70' REACH, 4X4, SELF-PROPELLED, 2.5' X 6' PLATFORM								\$452,218	D-Off	74	HP	465
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$50.69	\$2.50	\$53.19	\$7.89	\$0.85	\$0.30	\$0.04	\$45.62	\$54.69	\$107.88				
Standby	\$25.35	\$2.50							\$27.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45AF003	HG-9	PUMP, GROUT, HAND PUMP, 15 CF/HR, 0-100 PSI, W/5 GAL HOPPER (ADD 1" HOSES)	\$1,614				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.21	\$0.21	\$0.39
Standby	\$0.09	\$0.01							\$0.10	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45AF010	PC3	PUMP, GROUT/SHOTCRETE, SELF CONTAINED W/ 7 CY/HR MIXER, HIGH PRESSURE DUAL CYLINDER PUMP, S-TUBE, TRAILER MTD	\$79,664	D-Off	46	HP	38			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.43	\$0.45	\$8.88	\$9.19	\$0.98	\$0.04	\$0.01	\$10.27	\$20.49	\$29.37
Standby	\$4.22	\$0.45							\$4.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45AF012	PUMP MASTER PG35	PUMP, GROUT/SHOTCRETE, HIGH PRESSURE DUAL CYLINDER GROUT PUMP, 10 CY/HR, 500 PSI, GROUT-MUD JACK-SHOTCRETE, CART MTD, (ADD 4" HOSE)	\$39,219	Gas	35 HP		14			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.17	\$0.22	\$4.39	\$11.65	\$1.43	\$0.00	\$0.00	\$5.07	\$18.15	\$22.54
Standby	\$2.09	\$0.22							\$2.31	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45AF014	PG10	PUMP, GROUT, HYDRAULIC, MAX 4 CY/HR, 7 CF HOPPER, 0-400 PSI, MAX VERTICAL 50', MAX HORIZONTAL 150', SKID MTD (ADD 3" HOSES & HPU)	\$7,331				4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.78	\$0.04	\$0.82	\$0.00	\$0.00	\$0.00	\$0.00	\$0.95	\$0.95	\$1.77
Standby	\$0.39	\$0.04							\$0.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
P45CG001	CG-050	PUMP, GROUT, MINI, AIR, 40 CF/HR, 225 PSI, PORTABLE, SKID MTD (ADD 15 CFM - 100 PSI COMPRESSOR)	\$1,738			1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.01	\$0.19	\$0.00	\$0.05	\$0.00	\$0.00	\$0.22	\$0.27	\$0.46
Standby	\$0.09	\$0.01							\$0.10	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
P45CG002	CG-550P	PUMP, GROUT, MIXER, AIR, 40 CF/HR, 225 PSI, SKID MTD (ADD 85 CFM - 100 PSI COMPRESSOR)	\$7,690			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.82	\$0.04	\$0.86	\$0.00	\$0.10	\$0.00	\$0.00	\$0.99	\$1.09	\$1.95
Standby	\$0.41	\$0.04							\$0.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P45CG003	CG-500/2C6A	PUMP, GROUT, MIXER, AIR, 160 CF/HR, 160 PSI, SKID MTD, 15 GAL HOPPER & 2 - 70 GAL MIXING TANKS (ADD 250 CFM - 100 PSI COMPRESSOR)	\$21,204				12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.25	\$0.12	\$2.37	\$0.00	\$0.15	\$0.00	\$0.00	\$2.74	\$2.89	\$5.26
Standby	\$1.13	\$0.12							\$1.25	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P45CG006	CG575/3C6/D H20	PUMP, GROUT, THICK MIX, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT	\$31,245		D-Off	20 HP	23			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.30	\$0.18	\$3.48	\$4.00	\$0.43	\$0.03	\$0.00	\$4.02	\$8.48	\$11.96
Standby	\$1.65	\$0.18							\$1.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P45CG007	CG575/3C6/D H24/AC	PUMP, GROUT, SPRAY, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT		\$40,062	D-Off	24	HP	23		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.23	\$0.23	\$4.46	\$4.80	\$0.51	\$0.03	\$0.00	\$5.16	\$10.50	\$14.96
Standby	\$2.12	\$0.23							\$2.35	

OLIN PUMP

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P45OE002	5 45	PUMP, GROUT PUMP, 1,350 CF/HR, 750 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT		\$58,570	D-Off	74	HP	42		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.19	\$0.33	\$6.52	\$14.79	\$1.58	\$0.04	\$0.01	\$7.54	\$23.96	\$30.48
Standby	\$3.10	\$0.33							\$3.43	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

OLIN PUMP

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45OE003	5 80	PUMP, GROUT PUMP, 2,160 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT	\$86,686	D-Off	97	HP	48			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.18	\$0.49	\$9.67	\$19.38	\$2.08	\$0.04	\$0.01	\$11.18	\$32.68	\$42.35
Standby	\$4.59	\$0.49							\$5.08	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45OE004	5 95	PUMP, GROUT PUMP, 2,565 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT	\$94,222	D-Off	116	HP	56			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.98	\$0.54	\$10.52	\$23.18	\$2.48	\$0.04	\$0.01	\$12.15	\$37.86	\$48.38
Standby	\$4.99	\$0.54							\$5.53	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P45OE005	5 140CA	PUMP, GROUT PUMP, 3,780 CF/HR, 900 PSI, 37 GAL HOPPER, TRAILER MTD TANDEM, W/POWER UNIT	\$150,165	D-Off	173	HP	100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.89	\$0.86	\$16.75	\$34.57	\$3.70	\$0.08	\$0.01	\$19.36	\$57.72	\$74.47
Standby	\$7.95	\$0.86							\$8.81	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P45PU001	MAGNUM	PUMP, GROUT, GROUT-MUD JACK-SHOTCRETE, HIGH PRESSURE DUAL CYLINDER GROUT PUMP, 135 CF/HR, 0 - 1,750 PSI, TRAILER MTD, W/7 CF HOPPER, 5 CF MIXER, 3" HOSE		\$65,223	D-Off	46	HP	35		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.90	\$0.37	\$7.27	\$9.19	\$0.98	\$0.04	\$0.01	\$8.40	\$18.62	\$25.89
Standby	\$3.45	\$0.37							\$3.82	

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P50XX001	6" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,600 GPM, LIQUID COOLED, TRAILER MTD (ADD HOSES)		\$46,256	D-Off	74	HP	29		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.59	\$0.27	\$4.86	\$14.13	\$2.05	\$0.06	\$0.01	\$5.36	\$21.60	\$26.46
Standby	\$2.30	\$0.27							\$2.57	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P50XX002	8" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 8" DIA, 2,500 GPM, TRAILER MTD (ADD HOSES)	\$54,050	D-Off	74	HP	39			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.37	\$0.32	\$5.69	\$14.13	\$2.05	\$0.06	\$0.01	\$6.26	\$22.51	\$28.20
Standby	\$2.69	\$0.32							\$3.01	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P50XX003	4" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 526 GPM, AIR COOLED, SKID MTD (ADD HOSES)	\$7,219	D-Off	10	HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.72	\$0.04	\$0.76	\$1.91	\$0.28	\$0.00	\$0.00	\$0.84	\$3.03	\$3.79
Standby	\$0.36	\$0.04							\$0.40	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P50WC001	PT 2A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 2" DIA, 205 GPM @ 100' HEAD (ADD HOSES)	\$1,324		Gas	10 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.13	\$0.01	\$0.14	\$3.13	\$0.38	\$0.00	\$0.00	\$0.15	\$3.67	\$3.81
Standby	\$0.07	\$0.01							\$0.08	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P50WC002	PT 3A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 3" DIA, 425 GPM @ 95' HEAD (ADD HOSES)	\$1,657		D-Off	15 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$2.86	\$0.41	\$0.00	\$0.00	\$0.19	\$3.47	\$3.65
Standby	\$0.09	\$0.01							\$0.10	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P50WC003	PTS 4V	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 705 GPM @ 106' HEAD (ADD HOSES)	\$3,240		D-Off	16 HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.32	\$0.02	\$0.34	\$3.05	\$0.44	\$0.00	\$0.00	\$0.38	\$3.87	\$4.21
Standby	\$0.16	\$0.02							\$0.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier		CWT			
P50WC004	PT6LT	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,300 GPM @ 100' HEAD ,TRAILER MTD (ADD HOSES)	\$17,249	D-Off	33	HP	25			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.69	\$0.10	\$1.79	\$6.30	\$0.91	\$0.06	\$0.01	\$1.98	\$9.26	\$11.05
Standby	\$0.85	\$0.10							\$0.95	

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier		CWT			
P50GR001	C221-90	PUMP HOSE, SUCTION, 2" DIA X 20' WITH COUPLING (PER SECTION)	\$132				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.03	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.08
Standby	\$0.02	\$0.00							\$0.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR002	C356-90	PUMP HOSE, SUCTION, 3" DIA X 20' WITH COUPLING (PER SECTION)	\$194				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.08	\$0.08	\$0.12
Standby	\$0.02	\$0.00							\$0.02	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR003	C357-90	PUMP HOSE, SUCTION, 4" DIA X 20' WITH COUPLING (PER SECTION)	\$338				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.08	\$0.00	\$0.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.13	\$0.13	\$0.21
Standby	\$0.04	\$0.00							\$0.04	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR004	C354-90	PUMP HOSE, SUCTION, 6" DIA X 20' WITH COUPLING (PER SECTION)	\$616				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.14	\$0.00	\$0.14	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.24	\$0.38
Standby	\$0.07	\$0.00							\$0.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR005	C373-90	PUMP HOSE, DISCH, 2" DIA X 50' WITH COUPLING (PER SECTION)	\$118				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.03	\$0.00	\$0.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.08
Standby	\$0.02	\$0.00							\$0.02	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR006	C374-90	PUMP HOSE, DISCH, 3" DIA X 50' WITH COUPLING (PER SECTION)	\$182				1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.07	\$0.07	\$0.11
Standby	\$0.02	\$0.00							\$0.02	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
P50GR007	C375-90	PUMP HOSE, DISCH, 4" DIA X 50' WITH COUPLING (PER SECTION)	\$286				2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.06	\$0.00	\$0.06	\$0.00	\$0.00	\$0.00	\$0.00	\$0.11	\$0.11	\$0.17
Standby	\$0.03	\$0.00							\$0.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
P50GR008	C376-90	PUMP HOSE, DISCH, 6" DIA X 50' WITH COUPLING (PER SECTION)	\$445			3				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.00	\$0.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.17	\$0.17	\$0.27
Standby	\$0.05	\$0.00							\$0.05	

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
P55GF001	04MH & 250HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 455 GPM MAX FLOW, 59' MAX HEAD (INCLUDES TRAILER MTD POWER UNIT MODEL 250)(ADD HOSES)	\$31,419	D-Off	21 HP	19				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.09	\$0.18	\$3.27	\$4.01	\$0.58	\$0.12	\$0.02	\$4.00	\$8.73	\$12.00
Standby	\$1.55	\$0.18							\$1.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GF002	06T & 250HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 990 GPM MAX FLOW, 72' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 250HPND)(ADD HOSES)	\$33,936	D-Off	21	HP	31			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.34	\$0.20	\$3.54	\$4.01	\$0.58	\$0.12	\$0.02	\$4.33	\$9.05	\$12.59
Standby	\$1.67	\$0.20							\$1.87	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GF003	04MHL & 400HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 900 GPM MAX FLOW, 112' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)	\$43,641	D-Off	72	HP	19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.31	\$0.26	\$4.57	\$13.75	\$1.99	\$0.12	\$0.02	\$5.59	\$21.46	\$26.03
Standby	\$2.16	\$0.26							\$2.42	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GF004	06MH & 400HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1500 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)	\$45,289	D-Off	72	HP	31			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.47	\$0.27	\$4.74	\$13.75	\$1.99	\$0.12	\$0.02	\$5.80	\$21.67	\$26.41
Standby	\$2.24	\$0.27							\$2.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P55GF005	06MHL & 825 HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1800 GPM MAX FLOW, 119' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 600HPND)(ADD HOSES)	\$61,832	D-Off	113 HP		39			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.13	\$0.36	\$6.49	\$21.57	\$3.13	\$0.12	\$0.02	\$7.94	\$32.76	\$39.25
Standby	\$3.07	\$0.36							\$3.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P55GF006	12T & 825HPND	PUMP, WATER, SUBMERSIBLE, 12" DIA, 5000 GPM MAX FLOW, 55' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 825HPND)(ADD HOSES)	\$65,697	D-Off	140 HP		39			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.51	\$0.39	\$6.90	\$26.73	\$3.87	\$0.12	\$0.02	\$8.44	\$39.17	\$46.07
Standby	\$3.26	\$0.39							\$3.65	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P55GF008	08T & 400HPND	PUMP, WATER, SUBMERSIBLE, 8" DIA, 1490 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)	\$45,920	D-Off	72 HP		31			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.54	\$0.27	\$4.81	\$13.75	\$1.99	\$0.12	\$0.02	\$5.88	\$21.75	\$26.56
Standby	\$2.27	\$0.27							\$2.54	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GR001	S2A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 138 GPM @ 20' HEAD (ADD HOSES), 115V 1-PHASE	\$5,753	Elec	2	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.03	\$0.64	\$0.21	\$0.09	\$0.00	\$0.00	\$0.45	\$0.75	\$1.39
Standby	\$0.31	\$0.03							\$0.34	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GR002	S3A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 3" DIA, 278 GPM @ 20' HEAD (ADD HOSES), 230V 1-PHASE	\$6,563	Elec	5	HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.70	\$0.04	\$0.74	\$0.52	\$0.22	\$0.00	\$0.00	\$0.51	\$1.25	\$1.99
Standby	\$0.35	\$0.04							\$0.39	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
P55GR003	S4A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 4" DIA, 860 GPM @ 40' HEAD (ADD HOSES), 460V 3-PHASE	\$16,473	Elec	25	HP	7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.75	\$0.09	\$1.84	\$2.61	\$1.12	\$0.00	\$0.00	\$1.28	\$5.01	\$6.85
Standby	\$0.88	\$0.09							\$0.97	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

GORMAN-RUPP COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P55GR004	S6A1-E60 460/3	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 6" DIA, 1,950 GPM @ 40' HEAD (ADD HOSES)								\$24,009	Elec	60 HP	11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.55	\$0.14	\$2.69	\$6.26	\$2.69	\$0.00	\$0.00	\$1.86	\$10.81	\$13.50				
Standby	\$1.28	\$0.14							\$1.42					

WACKER CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P55WC001	PS2 500	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 66 GPM @ 39' HEAD (ADD HOSES)								\$358	Elec	1 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.04	\$0.00	\$0.04	\$0.10	\$0.04	\$0.00	\$0.00	\$0.03	\$0.17	\$0.21				
Standby	\$0.02	\$0.00							\$0.02					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P55WC002	PS2 800	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 82 GPM @ 59' HEAD (ADD HOSES)		\$531	Elec	1	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.06	\$0.00	\$0.06	\$0.10	\$0.04	\$0.00	\$0.00	\$0.04	\$0.18	\$0.24
Standby	\$0.03	\$0.00							\$0.03	

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P60HO002	S2B	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 150 GPM (ADD HOSES)		\$965	Gas	3.5	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.10	\$0.01	\$0.11	\$1.10	\$0.13	\$0.00	\$0.00	\$0.11	\$1.35	\$1.46
Standby	\$0.05	\$0.01							\$0.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P60HO003	TP3B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 328 GPM (ADD HOSES)								\$1,744	Gas	8 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.17	\$0.01	\$0.18	\$2.51	\$0.31	\$0.00	\$0.00	\$0.20	\$3.02	\$3.20				
Standby	\$0.09	\$0.01							\$0.10					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P60HO004	TP2B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 2" DIA, 173 GPM (ADD HOSES)								\$1,173	Gas	6.5 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.12	\$0.01	\$0.13	\$2.04	\$0.25	\$0.00	\$0.00	\$0.14	\$2.43	\$2.56				
Standby	\$0.06	\$0.01							\$0.07					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
P60HO005	TP4V	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 3" DIA, 662 GPM (ADD HOSES)								\$3,823	Gas	16 HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.38	\$0.02	\$0.40	\$5.02	\$0.61	\$0.00	\$0.00	\$0.45	\$6.08	\$6.48				
Standby	\$0.19	\$0.02							\$0.21					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P60WC001	PG 2A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 159 GPM @ 98' HEAD (ADD HOSES)								\$527	Gas	4	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.05	\$0.00	\$0.05	\$1.25	\$0.15	\$0.00	\$0.00	\$0.06	\$1.46	\$1.51				
Standby	\$0.03	\$0.00							\$0.03					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P60WC002	PG 3A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 264 GPM @ 98' HEAD (ADD HOSES)								\$619	Gas	6	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.06	\$0.00	\$0.06	\$1.88	\$0.23	\$0.00	\$0.00	\$0.07	\$2.18	\$2.24				
Standby	\$0.03	\$0.00							\$0.03					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.21 WHEEL MOUNTED, ENGINE DRIVE

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P60GR001	14C2-F3L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 4" DIA, 600 GPM @ 80' HEAD (ADD HOSES)								\$30,091	D-Off	47	HP	20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.96	\$0.18	\$3.14	\$8.97	\$1.30	\$0.10	\$0.01	\$3.46	\$13.84	\$16.98				
Standby	\$1.48	\$0.18							\$1.66					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P60GR002	16C2-F4L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 6" DIA, 1,825 GPM @ 40' HEAD (ADD HOSES)								\$37,566	Gas	73	HP	26
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.71	\$0.22	\$3.93	\$22.88	\$2.80	\$0.10	\$0.01	\$4.33	\$30.12	\$34.05				
Standby	\$1.86	\$0.22							\$2.08					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P65HO001	DP2B	PUMP, WATER, DIAPHRAGM, SKID MTD, 2" DIA, 33 GPM (ADD HOSES)	\$1,589	Gas	3.5 HP		1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.16	\$0.01	\$0.17	\$1.10	\$0.13	\$0.00	\$0.00	\$0.18	\$1.42	\$1.59
Standby	\$0.08	\$0.01							\$0.09	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
P65HO002	DP3B	PUMP, WATER, DIAPHRAGM, SKID MTD, 3" DIA, 80 GPM (ADD HOSES)	\$1,723	Gas	3.5 HP		2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$1.10	\$0.13	\$0.00	\$0.00	\$0.20	\$1.44	\$1.62
Standby	\$0.09	\$0.01							\$0.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.21 WHEEL MOUNTED, ENGINE DRIVE

GORMAN-RUPP COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P65GR002	3D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 560 GPM @ 25' HEAD (ADD HOSES)								\$6,174	Gas	2	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.60	\$0.04	\$0.64	\$0.63	\$0.08	\$0.03	\$0.00	\$0.63	\$1.36	\$2.00				
Standby	\$0.30	\$0.04							\$0.34					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
P65GR003	4D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 4" DIA, 74 GPM @ 25' HEAD (ADD HOSES)								\$11,871	Gas	3	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.17	\$0.07	\$1.24	\$0.94	\$0.12	\$0.03	\$0.00	\$1.22	\$2.30	\$3.54				
Standby	\$0.59	\$0.07							\$0.66					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.21 WHEEL MOUNTED, ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P65WC001	PDT 2A	PUMP, WATER, DIAPHRAGM, WHEEL, 2" DIA, 50 GPM @ 25' HEAD (ADD HOSES)								\$1,864	Gas	4	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.19	\$0.01	\$0.20	\$1.25	\$0.15	\$0.00	\$0.00	\$0.19	\$1.60	\$1.80				
Standby	\$0.10	\$0.01							\$0.11					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
P65WC002	PDT 3A	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 88 GPM @ 25' HEAD (ADD HOSES)								\$1,937	Gas	4	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.19	\$0.01	\$0.20	\$1.25	\$0.15	\$0.00	\$0.00	\$0.20	\$1.60	\$1.80				
Standby	\$0.10	\$0.01							\$0.11					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P70 PUMPS, WATER (For core drills)

P70 0.01 PUMPS, WATER (For core drills) - ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
P70XX001	75-7.6	PUMP, WATER, FOR CORE DRILLS, 7.6 GPM, 75 PSI, MANUAL, SKID (ADD HOSES)		\$4,553	Gas	2	HP	1		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.03	\$0.46	\$0.63	\$0.08	\$0.00	\$0.00	\$0.47	\$1.18	\$1.64
Standby	\$0.22	\$0.03							\$0.25	

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R10CA001	D-3 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-3 TRACTOR DOZER & COST FOR POINT WEAR)		\$13,492				14		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.35	\$0.08	\$1.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1.57	\$1.57	\$3.00
Severe	\$1.66	\$0.08	\$1.74	\$0.00	\$0.00	\$0.00	\$0.00	\$2.14	\$2.14	\$3.88
Standby	\$0.68	\$0.08							\$0.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA003	D4 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-4 TRACTOR DOZER & COST FOR POINT WEAR)	\$13,492				14			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.35	\$0.08	\$1.43	\$0.00	\$0.00	\$0.00	\$0.00	\$1.57	\$1.57	\$3.00
Severe	\$1.66	\$0.08	\$1.74	\$0.00	\$0.00	\$0.00	\$0.00	\$2.14	\$2.14	\$3.88
Standby	\$0.68	\$0.08							\$0.76	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA005	D5 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-5 TRACTOR DOZER & COST FOR POINT WEAR)	\$14,664				20			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.47	\$0.09	\$1.56	\$0.00	\$0.00	\$0.00	\$0.00	\$1.70	\$1.70	\$3.26
Severe	\$1.80	\$0.09	\$1.89	\$0.00	\$0.00	\$0.00	\$0.00	\$2.33	\$2.33	\$4.22
Standby	\$0.74	\$0.09							\$0.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA006	D5 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D5 RIPPER (RIPPER HAS 3 SHANKS)								\$1,387			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.14	\$0.01	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16	\$0.16	\$0.31			
Severe	\$0.17	\$0.01	\$0.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.22	\$0.22	\$0.40			
Standby	\$0.07	\$0.01							\$0.08				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA007	D6 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-6 TRACTOR DOZER & COST FOR POINT WEAR)								\$26,580			16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.66	\$0.16	\$2.82	\$0.00	\$0.08	\$0.00	\$0.00	\$3.09	\$3.17	\$5.99			
Severe	\$3.27	\$0.16	\$3.43	\$0.00	\$0.08	\$0.00	\$0.00	\$4.22	\$4.30	\$7.73			
Standby	\$1.33	\$0.16							\$1.49				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA009	D7 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-7 TRACTOR DOZER & COST FOR POINT WEAR)	\$57,559				77			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.76	\$0.34	\$6.10	\$0.00	\$0.00	\$0.00	\$0.00	\$6.69	\$6.69	\$12.79
Severe	\$7.08	\$0.35	\$7.43	\$0.00	\$0.00	\$0.00	\$0.00	\$9.15	\$9.15	\$16.58
Standby	\$2.88	\$0.34							\$3.22	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA011	D8 RIPPER 1S	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)	\$83,512				91			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.35	\$0.49	\$8.84	\$0.00	\$0.00	\$0.00	\$0.00	\$9.70	\$9.70	\$18.54
Severe	\$10.28	\$0.50	\$10.78	\$0.00	\$0.00	\$0.00	\$0.00	\$13.27	\$13.27	\$24.05
Standby	\$4.18	\$0.49							\$4.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA012	D8 RIPPER 3S	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & COST FOR POINT WEAR)	\$81,608				102			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.16	\$0.48	\$8.64	\$0.00	\$0.00	\$0.00	\$0.00	\$9.48	\$9.48	\$18.12
Severe	\$10.04	\$0.49	\$10.53	\$0.00	\$0.00	\$0.00	\$0.00	\$12.97	\$12.97	\$23.50
Standby	\$4.08	\$0.48							\$4.56	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA013	D8 3 SHANK TOOTH	SINGLE SHANK FOR TRIPLE SHANK D8 RIPPER (RIPPER HAS 3 SHANKS)	\$5,619				8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.56	\$0.03	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.65	\$0.65	\$1.24
Severe	\$0.69	\$0.03	\$0.72	\$0.00	\$0.00	\$0.00	\$0.00	\$0.89	\$0.89	\$1.61
Standby	\$0.28	\$0.03							\$0.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA014	D9 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)	\$144,876				102			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.49	\$0.85	\$15.34	\$0.00	\$0.00	\$0.00	\$0.00	\$16.83	\$16.83	\$32.17
Severe	\$17.83	\$0.87	\$18.70	\$0.00	\$0.00	\$0.00	\$0.00	\$23.02	\$23.02	\$41.72
Standby	\$7.25	\$0.85							\$8.10	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA015	D9 RIPPER 3 SHANK	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)	\$139,553				91			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.96	\$0.82	\$14.78	\$0.00	\$0.00	\$0.00	\$0.00	\$16.21	\$16.21	\$30.99
Severe	\$17.18	\$0.84	\$18.02	\$0.00	\$0.00	\$0.00	\$0.00	\$22.17	\$22.17	\$40.19
Standby	\$6.98	\$0.82							\$7.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
R10CA016	D9 RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D9 RIPPER	\$8,254			10				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.83	\$0.05	\$0.88	\$0.00	\$0.00	\$0.00	\$0.00	\$0.96	\$0.96	\$1.84
Severe	\$1.02	\$0.05	\$1.07	\$0.00	\$0.00	\$0.00	\$0.00	\$1.31	\$1.31	\$2.38
Standby	\$0.42	\$0.05							\$0.47	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
R10CA017	D10 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)	\$173,824			161				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.38	\$1.02	\$18.40	\$0.00	\$0.00	\$0.00	\$0.00	\$20.20	\$20.20	\$38.60
Severe	\$21.39	\$1.05	\$22.44	\$0.00	\$0.00	\$0.00	\$0.00	\$27.62	\$27.62	\$50.06
Standby	\$8.69	\$1.02							\$9.71	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA018	D10 RIPPER 3S	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)								\$174,435			179
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.44	\$1.03	\$18.47	\$0.00	\$0.00	\$0.00	\$0.00	\$20.27	\$20.27	\$38.74			
Severe	\$21.47	\$1.05	\$22.52	\$0.00	\$0.00	\$0.00	\$0.00	\$27.71	\$27.71	\$50.23			
Standby	\$8.72	\$1.03							\$9.75				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA019	D10 RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D10 RIPPER (RIPPER HAS 1 SHANK)								\$11,793			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.18	\$0.07	\$1.25	\$0.00	\$0.00	\$0.00	\$0.00	\$1.37	\$1.37	\$2.62			
Severe	\$1.45	\$0.07	\$1.52	\$0.00	\$0.00	\$0.00	\$0.00	\$1.87	\$1.87	\$3.39			
Standby	\$0.59	\$0.07							\$0.66				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
R10CA021	D11 3 SHANK RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)	\$179,627			103				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.96	\$1.06	\$19.02	\$0.00	\$0.25	\$0.00	\$0.00	\$20.87	\$21.12	\$40.14
Severe	\$22.11	\$1.08	\$23.19	\$0.00	\$0.25	\$0.00	\$0.00	\$28.54	\$28.79	\$51.98
Standby	\$8.98	\$1.06							\$10.04	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
R10CA023	D8T RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D8 RIPPER (RIPPER HAS 1 SHANK)	\$6,414			9				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.64	\$0.04	\$0.68	\$0.00	\$0.00	\$0.00	\$0.00	\$0.75	\$0.75	\$1.43
Severe	\$0.79	\$0.04	\$0.83	\$0.00	\$0.00	\$0.00	\$0.00	\$1.02	\$1.02	\$1.85
Standby	\$0.32	\$0.04							\$0.36	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA024	D6 RIPPER SHANK	RIPPER SHANK, EACH (ADD D-6 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)	\$1,497				5			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.15	\$0.01	\$0.16	\$0.00	\$0.00	\$0.00	\$0.00	\$0.17	\$0.17	\$0.33
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.24	\$0.24	\$0.43
Standby	\$0.08	\$0.01							\$0.09	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA025	D9 RIPPER SHANK MULT	SINGLE SHANK FOR TRIPLE SHANK D9 RIPPER (RIPPER HAS 3 SHANKS)	\$6,125				10			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.61	\$0.04	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.71	\$0.71	\$1.36
Severe	\$0.75	\$0.04	\$0.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.97	\$0.97	\$1.76
Standby	\$0.31	\$0.04							\$0.35	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA030	D11 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D11 RIPPER (RIPPER HAS 3 SHANKS)								\$11,500			14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.15	\$0.07	\$1.22	\$0.00	\$0.00	\$0.00	\$0.00	\$1.34	\$1.34	\$2.56			
Severe	\$1.42	\$0.07	\$1.49	\$0.00	\$0.00	\$0.00	\$0.00	\$1.83	\$1.83	\$3.32			
Standby	\$0.58	\$0.07							\$0.65				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA031	D10 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D10 RIPPER (RIPPER HAS 3 SHANKS)								\$10,517			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.05	\$0.06	\$1.11	\$0.00	\$0.00	\$0.00	\$0.00	\$1.22	\$1.22	\$2.33			
Severe	\$1.29	\$0.06	\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$1.67	\$1.67	\$3.02			
Standby	\$0.53	\$0.06							\$0.59				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA032	D11 RIPPER SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)	\$184,359				103			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.44	\$1.08	\$19.52	\$0.00	\$0.25	\$0.00	\$0.00	\$21.42	\$21.67	\$41.19
Severe	\$22.69	\$1.11	\$23.80	\$0.00	\$0.25	\$0.00	\$0.00	\$29.29	\$29.54	\$53.34
Standby	\$9.22	\$1.08							\$10.30	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
R10CA033	D7 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D7 RIPPER (RIPPER HAS 3 SHANKS)	\$2,519				4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.25	\$0.01	\$0.26	\$0.00	\$0.00	\$0.00	\$0.00	\$0.29	\$0.29	\$0.55
Severe	\$0.31	\$0.02	\$0.33	\$0.00	\$0.00	\$0.00	\$0.00	\$0.40	\$0.40	\$0.73
Standby	\$0.13	\$0.01							\$0.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA040	D4 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D4 RIPPER								\$1,387			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.14	\$0.01	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16	\$0.16	\$0.31			
Severe	\$0.17	\$0.01	\$0.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.22	\$0.22	\$0.40			
Standby	\$0.07	\$0.01							\$0.08				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
R10CA041	D3 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D3 RIPPER								\$1,387			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.14	\$0.01	\$0.15	\$0.00	\$0.00	\$0.00	\$0.00	\$0.16	\$0.16	\$0.31			
Severe	\$0.17	\$0.01	\$0.18	\$0.00	\$0.00	\$0.00	\$0.00	\$0.22	\$0.22	\$0.40			
Standby	\$0.07	\$0.01							\$0.08				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R15 ROLLERS, STATIC, TOWED, PNEUMATIC

R15 0.00 ROLLERS, STATIC, TOWED, PNEUMATIC

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
R15XX002	CA1600	ROLLER, STATIC, TOWED, PNEUMATIC, 9 TON, 88" WIDE, 13 TIRE (ADD TOWING UNIT)	\$15,677			47				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.25	\$0.09	\$1.34	\$0.00	\$0.00	\$0.00	\$0.00	\$1.16	\$1.16	\$2.50
Standby	\$0.63	\$0.09							\$0.72	

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
R20HJ001	60X60	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 9-15 TON, 60" WIDE X 60" DIA, SHEEPSFOOT (ADD TOWING UNIT)	\$57,856			184				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.63	\$0.33	\$4.96	\$0.00	\$0.25	\$0.00	\$0.00	\$4.89	\$5.14	\$10.10
Standby	\$2.32	\$0.33							\$2.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES												
SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
R20HJ002	48X48	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 3.5-6 TON, 48" WIDE X 48" DIA, SHEEPSFOOT (ADD TOWING UNIT)							\$29,110	Main	Carrier	68
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.33	\$0.17	\$2.50	\$0.00	\$0.25	\$0.00	\$0.00	\$2.46	\$2.71	\$5.21		
Standby	\$1.17	\$0.17							\$1.34			

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description							Value TEV	Engine Horsepower and Fuel Type		CWT
R20XX040	LAWN ROLLER	LAWN ROLLER, TOW BEHIND, 60" W X 24" DIA, 11,250 LBS WHEN FILLED W/ 117 GAL WATER							\$542	Main	Carrier	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.04	\$0.00	\$0.04	\$0.00	\$0.00	\$0.00	\$0.00	\$0.05	\$0.05	\$0.09		
Standby	\$0.02	\$0.00							\$0.02			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30BO003	BW27RH-4I	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 30.00 TON, 80.4" WIDE, 8 TIRE, ASPHALT COMPACTOR	\$209,502	D-Off	170 HP		194			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.74	\$1.20	\$22.94	\$28.68	\$2.63	\$1.10	\$0.15	\$18.98	\$51.53	\$74.47
Standby	\$10.87	\$1.20							\$12.07	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30BO004	BW11RH-5	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 12 TON, 68" WIDE, 9 TIRE, ASPHALT COMPACTOR	\$139,231	D-Off	74 HP		119			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.21	\$0.79	\$15.00	\$12.49	\$1.15	\$1.26	\$0.17	\$12.44	\$27.51	\$42.51
Standby	\$7.11	\$0.79							\$7.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R30CA002	CW34	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 17.6 TON, 82" WIDE, 9 TIRE, ASPHALT COMPACTOR		\$205,517	D-Off	129	HP	221		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.33	\$1.17	\$22.50	\$21.76	\$2.00	\$1.30	\$0.17	\$18.62	\$43.85	\$66.35
Standby	\$10.67	\$1.17							\$11.84	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R30CA004	CW16	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 16.5 TON, 84" WIDE, 11 TIRE, ASPHALT COMPACTOR		\$124,904	D-Off	102	HP	117		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.88	\$0.71	\$13.59	\$17.21	\$1.58	\$0.84	\$0.11	\$11.25	\$31.00	\$44.59
Standby	\$6.44	\$0.71							\$7.15	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.02 SMOOTH DRUM

ATLAS COPCO WAGNER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R30WG001	CS1400	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, 3 DRUMS, 14.5 TON, 83" WIDE, 3X2, ASPHALT COMPACTOR								\$206,524	D-Off	74 HP	291	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.55	\$1.15	\$18.70	\$12.49	\$1.15	\$0.00	\$0.00	\$17.45	\$31.08	\$49.78				
Standby	\$8.78	\$1.15							\$9.93					

BOMAG

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R30BO005	BW100SL-5	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, DOUBLE DRUM, 2.6 TON, 39.4" WIDE ASPHALT COMPACTOR								\$37,076	D-Off	25 HP	52	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.15	\$0.21	\$3.36	\$4.22	\$0.39	\$0.00	\$0.00	\$3.13	\$7.74	\$11.10				
Standby	\$1.58	\$0.21							\$1.79					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30BO008	BC772RB-4	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 40 TON, 65.4" DIA, 18.6' WIDTH PER 2-PASS, W/BLADE	\$700,953	D-Off	456 HP		816			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.73	\$3.97	\$50.70	\$76.94	\$7.06	\$0.00	\$0.00	\$49.35	\$133.35	\$184.05
Standby	\$23.37	\$3.97							\$27.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30BO009	BC672RB-4	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 35 TON, 65.4" DIA, 18.6' WIDTH PER 2-PASS, W/BLADE	\$639,186	D-Off	456 HP		719			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.61	\$3.62	\$46.23	\$76.94	\$7.06	\$0.00	\$0.00	\$45.00	\$129.00	\$175.23
Standby	\$21.31	\$3.62							\$24.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30CA003	815K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 24.7 TON, 56" DIA, 14.25' WIDTH PER 2-PASS, W/BLADE	\$620,817	D-Off	284 HP		494			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.39	\$3.52	\$44.91	\$47.92	\$4.40	\$0.00	\$0.00	\$43.71	\$96.03	\$140.94
Standby	\$20.70	\$3.52							\$24.22	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30CA006	825K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 39.2 TON, 51" DIA, 16.00' WIDTH PER 2-PASS, W/BLADE	\$930,931	D-Off	435 HP		783			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.06	\$5.28	\$67.34	\$73.39	\$6.74	\$0.00	\$0.00	\$65.54	\$145.67	\$213.01
Standby	\$31.03	\$5.28							\$36.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30CA012	816K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 28.4 TON, 14.75' WIDTH PER 2-PASS, W/BLADE	\$628,521	D-Off	284 HP	569				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.90	\$3.56	\$45.46	\$47.92	\$4.40	\$0.00	\$0.00	\$44.25	\$96.57	\$142.03
Standby	\$20.95	\$3.56							\$24.51	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R30CA013	826K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 45.1 TON, 14.8' WIDTH PER 2-PASS, W/BLADE	\$944,701	D-Off	435 HP	836				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.98	\$5.36	\$68.34	\$73.39	\$6.74	\$0.00	\$0.00	\$66.51	\$146.64	\$214.98
Standby	\$31.49	\$5.36							\$36.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R40 ROLLERS, VIBRATORY, TOWED

R40 0.00 ROLLERS, VIBRATORY, TOWED

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R40BO001	BW6	ROLLER, VIBRATORY, TOWED, SINGLE DRUM, SMOOTH, 13,000 LB OPER. WT., 26,550 LB (13.3 TONS) CENTRIFUGAL FORCE, 67" WIDE (ADD 180 HP TOWING UNIT)	\$85,795	D-Off	50	HP	128			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.58	\$0.50	\$9.08	\$9.55	\$1.17	\$0.00	\$0.00	\$9.06	\$19.78	\$28.86
Standby	\$4.29	\$0.50							\$4.79	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R40BO002	BW6S	ROLLER, VIBRATORY, TOWED, SINGLE DRUM, SHEEPSFOOT, 15,000 LB OPER. WT., 26,550 LB (13.3 TONS) CENTRIFUGAL FORCE, 67" WIDE (ADD 180 HP TOWING UNIT)	\$93,056	D-Off	50	HP	148			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.31	\$0.55	\$9.86	\$9.55	\$1.17	\$0.00	\$0.00	\$9.83	\$20.55	\$30.41
Standby	\$4.66	\$0.55							\$5.21	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

BOMAG

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R45BO004	BW120AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR								\$42,499	D-Off	33 HP	57	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.25	\$0.25	\$4.50	\$6.30	\$0.77	\$0.00	\$0.00	\$6.17	\$13.24	\$17.74				
Standby	\$2.13	\$0.25							\$2.38					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R45BO005	BW138AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.2 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR								\$84,039	D-Off	45 HP	94	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.40	\$0.49	\$8.89	\$8.59	\$1.05	\$0.00	\$0.00	\$12.20	\$21.84	\$30.73				
Standby	\$4.20	\$0.49							\$4.69					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R45BO006	BW151AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.2 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR								\$194,235	D-Off	75 HP	168	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.42	\$1.14	\$20.56	\$14.32	\$1.75	\$0.00	\$0.00	\$28.20	\$44.28	\$64.84				
Standby	\$9.71	\$1.14							\$10.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

BOMAG

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R45BO007	BW161AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.0 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR								\$157,039	D-Off	114 HP	221	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.70	\$0.92	\$16.62	\$21.76	\$2.66	\$0.00	\$0.00	\$22.80	\$47.23	\$63.85				
Standby	\$7.85	\$0.92							\$8.77					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R45BO008	BW190AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 78.3" WIDE, 2X1, ASPHALT COMPACTOR								\$205,193	D-Off	114 HP	266	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.52	\$1.21	\$21.73	\$21.76	\$2.66	\$0.00	\$0.00	\$29.80	\$54.22	\$75.95				
Standby	\$10.26	\$1.21							\$11.47					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CASE CORPORATION

CASE CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
R45CS001	DV23E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.8 TON, 39.4" WIDE, 2X1, ASPHALT COMPACTOR							\$56,355	D-Off	30.6	HP		49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.64	\$0.33	\$5.97	\$5.84	\$0.71	\$0.00	\$0.00	\$8.18	\$14.74	\$20.71				
Standby	\$2.82	\$0.33							\$3.15					

CASE CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
R45CS002	DV26E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR							\$61,750	D-Off	31.5	HP		54
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.18	\$0.36	\$6.54	\$6.01	\$0.74	\$0.00	\$0.00	\$8.97	\$15.71	\$22.25				
Standby	\$3.09	\$0.36							\$3.45					

CASE CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
R45CS003	DV36E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.7 TON, 51.2" WIDE, 2X1, ASPHALT COMPACTOR							\$80,014	D-Off	40.4	HP		50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.00	\$0.47	\$8.47	\$7.71	\$0.94	\$0.00	\$0.00	\$11.62	\$20.27	\$28.74				
Standby	\$4.00	\$0.47							\$4.47					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CS004	DV45E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.6 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR	\$87,068	D-Off 41.6	HP	49				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.71	\$0.51	\$9.22	\$7.94	\$0.97	\$0.00	\$0.00	\$12.64	\$21.55	\$30.77
Standby	\$4.36	\$0.51							\$4.87	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CS005	DV209D HF	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR	\$191,646	D-Off 100	HP	211				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.16	\$1.13	\$20.29	\$19.09	\$2.34	\$0.00	\$0.00	\$27.83	\$49.26	\$69.55
Standby	\$9.58	\$1.13							\$10.71	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CS006	DV210D	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR	\$188,699	D-Off 100	HP	229				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.87	\$1.11	\$19.98	\$19.09	\$2.34	\$0.00	\$0.00	\$27.40	\$48.83	\$68.81
Standby	\$9.44	\$1.11							\$10.55	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA003	CB32B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR	\$64,436	D-Off 36.2	HP	62				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.44	\$0.38	\$6.82	\$6.91	\$0.85	\$0.00	\$0.00	\$9.36	\$17.11	\$23.93
Standby	\$3.22	\$0.38							\$3.60	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA004	CB34B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR	\$70,936	D-Off 48.8	HP	82				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.09	\$0.42	\$7.51	\$9.32	\$1.14	\$0.00	\$0.00	\$10.30	\$20.76	\$28.27
Standby	\$3.55	\$0.42							\$3.97	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA006	CB36B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR	\$84,693	D-Off 48.8	HP	84				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.47	\$0.50	\$8.97	\$9.32	\$1.14	\$0.00	\$0.00	\$12.30	\$22.76	\$31.73
Standby	\$4.24	\$0.50							\$4.74	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA011	CB24B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.2 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR	\$57,801	D-Off 36.2	HP	60				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.78	\$0.34	\$6.12	\$6.91	\$0.85	\$0.00	\$0.00	\$8.39	\$16.15	\$22.27
Standby	\$2.89	\$0.34							\$3.23	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA016	CB22B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3 TON, 39" WIDE, 2X1, ASPHALT COMPACTOR	\$49,184	D-Off 36.2	HP	57				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.92	\$0.29	\$5.21	\$6.91	\$0.85	\$0.00	\$0.00	\$7.14	\$14.90	\$20.11
Standby	\$2.46	\$0.29							\$2.75	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R45CA026	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1 ASPHALT COMPACTOR	\$192,751	D-Off 131	HP	235				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.28	\$1.13	\$20.41	\$25.01	\$3.06	\$0.00	\$0.00	\$27.99	\$56.06	\$76.47
Standby	\$9.64	\$1.13							\$10.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA027	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.8 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	\$204,567	D-Off	142 HP		276			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.46	\$1.20	\$21.66	\$27.11	\$3.32	\$0.00	\$0.00	\$29.70	\$60.13	\$81.79
Standby	\$10.23	\$1.20							\$11.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA028	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR	\$248,237	D-Off	142 HP		290			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.82	\$1.46	\$26.28	\$27.11	\$3.32	\$0.00	\$0.00	\$36.05	\$66.47	\$92.75
Standby	\$12.41	\$1.46							\$13.87	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA029	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 16.0 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR	\$258,329	D-Off	142 HP		319			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.83	\$1.52	\$27.35	\$27.11	\$3.32	\$0.00	\$0.00	\$37.51	\$67.94	\$95.29
Standby	\$12.92	\$1.52							\$14.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA031	CB7	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR	\$144,264	D-Off 100	HP	206				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.43	\$0.85	\$15.28	\$19.09	\$2.34	\$0.00	\$0.00	\$20.95	\$42.38	\$57.66
Standby	\$7.22	\$0.85							\$8.07	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA032	CB8	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.4 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	\$179,301	D-Off 100	HP	192				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.93	\$1.06	\$18.99	\$19.09	\$2.34	\$0.00	\$0.00	\$26.04	\$47.46	\$66.45
Standby	\$8.97	\$1.06							\$10.03	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA033	CD10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 12.6 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	\$183,983	D-Off 100.5	HP	223				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.40	\$1.08	\$19.48	\$19.19	\$2.35	\$0.00	\$0.00	\$26.72	\$48.25	\$67.73
Standby	\$9.20	\$1.08							\$10.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA071	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	\$205,356	D-Off	131	HP	235			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.54	\$1.21	\$21.75	\$25.01	\$3.06	\$0.00	\$0.00	\$29.82	\$57.89	\$79.64
Standby	\$10.27	\$1.21							\$11.48	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA072	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	\$204,567	D-Off	142	HP	276			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.46	\$1.20	\$21.66	\$27.11	\$3.32	\$0.00	\$0.00	\$29.70	\$60.13	\$81.79
Standby	\$10.23	\$1.20							\$11.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA073	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	\$248,237	D-Off	142	HP	290			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.82	\$1.46	\$26.28	\$27.11	\$3.32	\$0.00	\$0.00	\$36.05	\$66.47	\$92.75
Standby	\$12.41	\$1.46							\$13.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45CA074	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	\$289,188	D-Off	142 HP	290				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.92	\$1.70	\$30.62	\$27.11	\$3.32	\$0.00	\$0.00	\$41.99	\$72.42	\$103.04
Standby	\$14.46	\$1.70							\$16.16	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R45DY001	CC1200VI	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR	\$52,598	D-Off	35 HP	60				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.26	\$0.31	\$5.57	\$6.68	\$0.82	\$0.00	\$0.00	\$7.64	\$15.14	\$20.71
Standby	\$2.63	\$0.31							\$2.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R45DY002	CC2200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 9.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR		\$157,779	D-Off	75	HP	198		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.78	\$0.93	\$16.71	\$14.32	\$1.75	\$0.00	\$0.00	\$22.91	\$38.98	\$55.69
Standby	\$7.89	\$0.93							\$8.82	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R45DY003	CC5200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 12 TON, 77" WIDE, 2X1, ASPHALT COMPACTOR		\$199,887	D-Off	130	HP	280		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.99	\$1.18	\$21.17	\$24.82	\$3.04	\$0.00	\$0.00	\$29.03	\$56.88	\$78.05
Standby	\$10.00	\$1.18							\$11.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50BO005	BW124DH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.2 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR	\$77,636	D-Off 45	HP	73				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.18	\$0.47	\$7.65	\$6.19	\$0.76	\$0.21	\$0.03	\$10.15	\$17.34	\$24.99
Standby	\$3.59	\$0.47							\$4.06	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50BO006	BW145D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR	\$120,631	D-Off 75	HP	124				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.20	\$0.73	\$11.93	\$10.32	\$1.26	\$0.24	\$0.03	\$15.81	\$27.67	\$39.60
Standby	\$5.60	\$0.73							\$6.33	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50BO007	BW177D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.6 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR	\$97,475	D-Off 75	HP	146				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.94	\$0.59	\$9.53	\$10.32	\$1.26	\$0.45	\$0.06	\$12.66	\$24.74	\$34.27
Standby	\$4.47	\$0.59							\$5.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R50BO008	BW211D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.7 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR								\$133,909	D-Off	128 HP	234	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.02	\$0.81	\$12.83	\$17.62	\$2.16	\$1.18	\$0.16	\$17.12	\$38.23	\$51.06				
Standby	\$6.01	\$0.81							\$6.82					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R50BO010	BW124PDH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 4.3 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR								\$81,079	D-Off	45 HP	74	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.50	\$0.49	\$7.99	\$6.19	\$0.76	\$0.21	\$0.03	\$10.60	\$17.79	\$25.78				
Standby	\$3.75	\$0.49							\$4.24					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
R50BO011	BW145PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR								\$134,679	D-Off	75 HP	112	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.52	\$0.82	\$13.34	\$10.32	\$1.26	\$0.24	\$0.03	\$17.66	\$29.52	\$42.86				
Standby	\$6.26	\$0.82							\$7.08					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50BO012	BW177PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.4 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR	\$160,015	D-Off	75 HP		166			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.80	\$0.97	\$15.77	\$10.32	\$1.26	\$0.45	\$0.06	\$20.91	\$33.00	\$48.77
Standby	\$7.40	\$0.97							\$8.37	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50BO013	BW211PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 13.8 TON, 83.8" WIDE, 3X2, SOIL COMPACTOR	\$188,540	D-Off	128 HP		277			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.38	\$1.14	\$18.52	\$17.62	\$2.16	\$1.03	\$0.14	\$24.58	\$45.52	\$64.04
Standby	\$8.69	\$1.14							\$9.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CASE CORPORATION

CASE CORPORATION									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
R50CS100	SV207E	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH DRUM WITH PADFOOT SHELL OPTION, 8.2 TON, 66" WIDE, 3X2, SOIL COMPACTOR							\$154,763	D-Off	75	HP	163
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.41	\$0.94	\$15.35	\$10.32	\$1.26	\$0.21	\$0.03	\$20.33	\$32.15	\$47.50			
Standby	\$7.21	\$0.94							\$8.15				

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)									Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
R50CA003	CP34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 5.5 TON, 50" WIDE, 3X2, SOIL COMPACTOR							\$129,028	D-Off	74	HP	110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.83	\$0.78	\$12.61	\$10.19	\$1.25	\$0.59	\$0.08	\$16.75	\$28.86	\$41.47			
Standby	\$5.92	\$0.78							\$6.70				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA004	CP44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.9 TON, 66" WIDE, 3X2, SOIL COMPACTOR	\$184,462	D-Off 101	HP	170				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.13	\$1.12	\$18.25	\$13.90	\$1.70	\$0.37	\$0.05	\$24.17	\$40.20	\$58.45
Standby	\$8.57	\$1.12							\$9.69	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA007	CS64B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.8 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$230,445	D-Off 131	HP	297				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.10	\$1.40	\$22.50	\$18.03	\$2.21	\$1.12	\$0.15	\$29.89	\$51.39	\$73.89
Standby	\$10.55	\$1.40							\$11.95	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA008	CS74B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH & PADFOOT, 18.3 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$320,532	D-Off 176	HP	367				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.55	\$1.94	\$31.49	\$24.22	\$2.96	\$1.12	\$0.15	\$41.78	\$70.23	\$101.72
Standby	\$14.78	\$1.94							\$16.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA009	CP68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 16.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$270,558	D-Off 159	HP	338				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.81	\$1.64	\$26.45	\$21.88	\$2.68	\$1.23	\$0.17	\$35.13	\$61.08	\$87.53
Standby	\$12.41	\$1.64							\$14.05	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA011	CS68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 15.5 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$276,892	D-Off 156	HP	310				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.43	\$1.68	\$27.11	\$21.47	\$2.63	\$1.18	\$0.16	\$35.99	\$61.43	\$88.54
Standby	\$12.72	\$1.68							\$14.40	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA012	CS34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.9 TON, 50" WIDE, 3X2, SOIL COMPACTOR	\$106,341	D-Off 74	HP	98				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.78	\$0.64	\$10.42	\$10.19	\$1.25	\$0.70	\$0.09	\$13.84	\$26.07	\$36.49
Standby	\$4.89	\$0.64							\$5.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA013	CS44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.6 TON, 66" WIDE, 3X2, SOIL COMPACTOR	\$151,409	D-Off 100	HP	152				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.00	\$0.92	\$14.92	\$13.76	\$1.68	\$0.42	\$0.06	\$19.79	\$35.71	\$50.63
Standby	\$7.00	\$0.92							\$7.92	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA015	CS56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$219,456	D-Off 156	HP	248				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.04	\$1.33	\$21.37	\$21.47	\$2.63	\$1.18	\$0.16	\$28.41	\$53.84	\$75.21
Standby	\$10.02	\$1.33							\$11.35	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA016	CP56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$262,122	D-Off 156	HP	248				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.04	\$1.59	\$25.63	\$21.47	\$2.63	\$1.18	\$0.16	\$34.04	\$59.48	\$85.11
Standby	\$12.02	\$1.59							\$13.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA017	CS54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$192,054	D-Off 131 HP		226				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.47	\$1.16	\$18.63	\$18.03	\$2.21	\$1.18	\$0.16	\$24.79	\$46.37	\$65.00
Standby	\$8.74	\$1.16							\$9.90	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA019	CP54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$207,623	D-Off 131 HP		240				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.93	\$1.26	\$20.19	\$18.03	\$2.21	\$1.18	\$0.16	\$26.85	\$48.42	\$68.61
Standby	\$9.47	\$1.26							\$10.73	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R50CA033	CC24B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 47" WIDE 5X4, ASPHALT COMPACTOR	\$57,661	D-Off 36.2 HP		36				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.19	\$0.35	\$5.54	\$4.98	\$0.61	\$0.48	\$0.06	\$7.38	\$13.52	\$19.06
Standby	\$2.60	\$0.35							\$2.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA034	CC34B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 3.7 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR	\$76,189	D-Off 48.8	HP	90				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.93	\$0.46	\$7.39	\$6.72	\$0.82	\$0.48	\$0.06	\$9.83	\$17.92	\$25.31
Standby	\$3.47	\$0.46							\$3.93	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA035	CCS7	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.2 TON, 67" WIDE 3X2, SOIL COMPACTOR	\$159,745	D-Off 101	HP	163				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.79	\$0.97	\$15.76	\$13.90	\$1.70	\$0.70	\$0.09	\$20.89	\$37.28	\$53.04
Standby	\$7.40	\$0.97							\$8.37	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R50CA036	CCS9	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH 9.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$207,574	D-Off 131	HP	198				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.18	\$1.26	\$20.44	\$18.03	\$2.21	\$0.63	\$0.08	\$27.10	\$48.05	\$68.49
Standby	\$9.59	\$1.26							\$10.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50CA101	SV211E	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH DRUM WITH PADFOOT SHELL OPTION, 13.5 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR	\$198,366		D-Off	134 HP	240			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.14	\$1.20	\$19.34	\$18.44	\$2.26	\$1.01	\$0.14	\$25.71	\$47.55	\$66.89
Standby	\$9.07	\$1.20							\$10.27	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY001	CA2500PD (4.5)	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT, 12.1 TON, 83" WIDE, 3X2, SOIL COMPACTOR	\$179,511		D-Off	132 HP	243			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.28	\$1.09	\$17.37	\$18.17	\$2.22	\$1.23	\$0.17	\$23.11	\$44.90	\$62.27
Standby	\$8.14	\$1.09							\$9.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY002	CA4000D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.4 TON, 83" WIDE, 3X2, SOIL COMPACTOR		\$208,303	D-Off	160	HP	289		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.97	\$1.26	\$20.23	\$22.02	\$2.70	\$1.23	\$0.17	\$26.91	\$53.02	\$73.25
Standby	\$9.49	\$1.26							\$10.75	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY003	CC1100C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 42" WIDE, 5X4, ASPHALT COMPACTOR		\$60,129	D-Off	35	HP	54		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.42	\$0.36	\$5.78	\$4.82	\$0.59	\$0.48	\$0.06	\$7.71	\$13.66	\$19.44
Standby	\$2.71	\$0.36							\$3.07	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY004	CC1300C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR		\$80,025	D-Off	45	HP	86		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.29	\$0.49	\$7.78	\$6.19	\$0.76	\$0.48	\$0.06	\$10.34	\$17.83	\$25.61
Standby	\$3.65	\$0.49							\$4.14	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY005	CC2200C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 9.1 TON, 59" WIDE, 5X4, ASPHALT COMPACTOR	\$185,499		D-Off	100 HP	181			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.17	\$1.12	\$18.29	\$13.76	\$1.68	\$0.48	\$0.06	\$24.26	\$40.25	\$58.54
Standby	\$8.59	\$1.12							\$9.71	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY006	CA1300D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR	\$101,351		D-Off	75 HP	100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.21	\$0.61	\$9.82	\$10.32	\$1.26	\$1.03	\$0.14	\$13.07	\$25.81	\$35.63
Standby	\$4.61	\$0.61							\$5.22	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY007	CA1300PD	ROLLER, VIBRATORY, SELF-PROPELLED, PADFOOT DRUM, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR	\$111,189		D-Off	75 HP	105			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.01	\$0.67	\$10.68	\$10.32	\$1.26	\$1.43	\$0.19	\$14.24	\$27.45	\$38.13
Standby	\$5.01	\$0.67							\$5.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY008	CA1500D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR	\$138,676		D-Off 100	HP	150			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.73	\$0.84	\$13.57	\$13.76	\$1.68	\$0.60	\$0.08	\$18.02	\$34.15	\$47.72
Standby	\$6.37	\$0.84							\$7.21	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY009	CA1500PD	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT DRUM, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR	\$148,587		D-Off 100	HP	150			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.66	\$0.90	\$14.56	\$13.76	\$1.68	\$0.60	\$0.08	\$19.33	\$35.45	\$50.01
Standby	\$6.83	\$0.90							\$7.73	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R50DY010	CA2500D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR	\$165,876		D-Off 110	HP	220			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.27	\$1.01	\$16.28	\$15.14	\$1.85	\$0.62	\$0.08	\$21.60	\$39.30	\$55.58
Standby	\$7.64	\$1.01							\$8.65	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R55GL007	ATLAS PRO 2000	ROOFING EQUIPMENT, HYDRAULIC SWING HOIST, W/225' CABLE, 2,000 LB CAP	\$23,521	Gas	18	HP	12			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.33	\$0.14	\$3.47	\$3.76	\$0.35	\$0.00	\$0.00	\$3.24	\$7.35	\$10.82
Standby	\$1.67	\$0.14							\$1.81	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
R55GL009	ROTARY PLANER	ROOFING EQUIPMENT, ROTARY PLANER, 24" WIDE	\$6,219	Gas	10.5	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.88	\$0.04	\$0.92	\$2.19	\$0.20	\$0.00	\$0.00	\$0.86	\$3.25	\$4.17
Standby	\$0.44	\$0.04							\$0.48	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL011	ENFORCER TWIN CUTTER	ROOFING EQUIPMENT, 2-BLADE CUTTER, 25" WIDE, SELF PROPELLED (ADD BLADE COST)	\$11,308	Gas	20 HP		6			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.60	\$0.07	\$1.67	\$4.18	\$0.38	\$0.00	\$0.00	\$1.56	\$6.12	\$7.79
Standby	\$0.80	\$0.07							\$0.87	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL016	DUST MSTR ULTRA CUTR	ROOFING EQUIPMENT, 1-BLADE CUTTER, W/WATER DAMPENING SYSTEM AND H.E.P.A. VACUUM SYSTEM	\$7,522	Gas	9 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.04	\$1.11	\$1.88	\$0.17	\$0.00	\$0.00	\$1.04	\$3.09	\$4.20
Standby	\$0.54	\$0.04							\$0.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R55GL017	ULTRA CUTTER MINI	ROOFING EQUIPMENT, 1-BLADE CUTTER, 17" HEIGHT & 2" WALL CLEARANCE	\$3,311		Gas	5 HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.47	\$0.02	\$0.49	\$1.04	\$0.10	\$0.00	\$0.00	\$0.46	\$1.59	\$2.08
Standby	\$0.24	\$0.02							\$0.26	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
R55GL018	NO.12 SCRATCHER	ROOFING EQUIPMENT, SCRATCHER, 18" WIDE	\$3,872		Gas	5.5 HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.55	\$0.02	\$0.57	\$1.15	\$0.11	\$0.00	\$0.00	\$0.53	\$1.79	\$2.36
Standby	\$0.28	\$0.02							\$0.30	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL020	MUSTANG WORKHORS E	ROOFING EQUIPMENT, MATERIAL BUGGY, 36" WIDE, WALK BEHIND GRAVEL SPREADER, HOPPER 800 LBS, 6 CF, 4X2	\$6,704	Gas	5.5	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.95	\$0.04	\$0.99	\$1.15	\$0.11	\$0.00	\$0.00	\$0.92	\$2.18	\$3.17
Standby	\$0.48	\$0.04							\$0.52	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL021	ULTRACUTTER PRO	ROOFING EQUIPMENT, 1-BLADE CUTTER, 3.75" DEEP, WALK BEHIND 13 HP (ADD BLADE COST)	\$3,844	Gas	13	HP	3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.02	\$0.56	\$2.72	\$0.25	\$0.00	\$0.00	\$0.53	\$3.50	\$4.06
Standby	\$0.27	\$0.02							\$0.29	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL023	ROOF WARRIOR	ROOFING EQUIPMENT, ROOF PEELER, 16" WIDE, WALK BEHIND, POWERED WHEEL 2X2, STD W/ 18" FLAT BLADE	\$10,076	Gas	13 HP		6			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.43	\$0.06	\$1.49	\$2.72	\$0.25	\$0.00	\$0.00	\$1.39	\$4.36	\$5.85
Standby	\$0.72	\$0.06							\$0.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL026	GS-36	ROOFING EQUIPMENT, POWER SWEEPER, 36" WIDE, WALK BEHIND	\$5,648	Gas	5.5 HP		3			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.80	\$0.03	\$0.83	\$1.15	\$0.11	\$0.00	\$0.00	\$0.78	\$2.03	\$2.86
Standby	\$0.40	\$0.03							\$0.43	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL027	RAM 150	ROOFING EQUIPMENT, ASPHALT KETTLE, 150 GAL, TRAILER MTD	\$38,714	D-Off	6 HP		26			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.45	\$0.23	\$5.68	\$0.77	\$0.57	\$0.04	\$0.01	\$5.31	\$6.69	\$12.37
Standby	\$2.73	\$0.23							\$2.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL028	RAM 230	ROOFING EQUIPMENT, ASPHALT KETTLE, 230 GAL, W/PUMP, TRAILER MTD	\$41,768	Gas	5 HP		40			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.88	\$0.25	\$6.13	\$1.04	\$0.60	\$0.04	\$0.01	\$5.73	\$7.41	\$13.54
Standby	\$2.94	\$0.25							\$3.19	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
R55GL029	RAM 410	ROOFING EQUIPMENT, ASPHALT KETTLE, 410 GAL, W/PUMP, TRAILER MTD	\$48,055	Gas	9 HP		49			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.77	\$0.29	\$7.06	\$1.88	\$0.92	\$0.04	\$0.01	\$6.60	\$9.44	\$16.50
Standby	\$3.39	\$0.29							\$3.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
R55XX027	200 GAL KETTLE	ASPHALT KETTLE, 200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)								\$29,115	Gas	9	HP	25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.09	\$0.17	\$4.26	\$1.88	\$0.67	\$0.04	\$0.01	\$3.99	\$6.58	\$10.84				
Standby	\$2.05	\$0.17							\$2.22					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
R55XX028	350 GAL KETTLE	ASPHALT KETTLE, 350 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)								\$24,572	Gas	9	HP	24
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.44	\$0.15	\$3.59	\$1.88	\$0.67	\$0.04	\$0.01	\$3.36	\$5.95	\$9.54				
Standby	\$1.72	\$0.15							\$1.87					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
R55XX029	695 GAL KETTLE	ASPHALT KETTLE, 695 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)								\$27,871	Gas	9	HP	37
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.91	\$0.17	\$4.08	\$1.88	\$0.92	\$0.04	\$0.01	\$3.81	\$6.66	\$10.74				
Standby	\$1.96	\$0.17							\$2.13					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
R55XX030	845 GAL KETTLE	ASPHALT KETTLE, 845 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)								\$32,576	Gas	9	HP	42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.58	\$0.19	\$4.77	\$1.88	\$0.92	\$0.04	\$0.01	\$4.46	\$7.31	\$12.08				
Standby	\$2.29	\$0.19							\$2.48					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
R55XX031	1200 GAL KETTLE	ASPHALT KETTLE, 1200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)								\$40,310	Gas	9	HP	61
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.67	\$0.24	\$5.91	\$1.88	\$0.92	\$0.04	\$0.01	\$5.53	\$8.38	\$14.29				
Standby	\$2.84	\$0.24							\$3.08					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S10 SCRAPERS, ELEVATING

S10 0.02 OVER 200 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S10CA003	623K	SCRAPER, ELEVATING LOADING, 23 CY, 27.6 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED	\$757,987	D-Off 407	HP	833				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.73	\$4.42	\$45.15	\$56.02	\$6.86	\$20.29	\$2.74	\$52.74	\$138.65	\$183.80
Severe	\$46.04	\$4.45	\$50.49	\$74.09	\$9.07	\$63.53	\$8.58	\$62.76	\$218.03	\$268.52
Standby	\$20.37	\$4.42							\$24.79	

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S15CA001	621K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 24 HEAPED CY, 29 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED	\$679,134	D-Off 407	HP	770				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.62	\$3.79	\$37.41	\$52.41	\$6.41	\$20.29	\$2.74	\$34.27	\$116.12	\$153.53
Severe	\$40.34	\$3.84	\$44.18	\$66.86	\$8.18	\$63.53	\$8.58	\$43.70	\$190.85	\$235.03
Standby	\$16.81	\$3.79							\$20.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
S15CA002	631K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X2 - SINGLE POWERED	\$915,318		D-Off	570	HP			1028
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.73	\$5.11	\$50.84	\$73.39	\$8.98	\$24.05	\$3.25	\$46.53	\$156.20	\$207.04
Severe	\$54.88	\$5.17	\$60.05	\$93.64	\$11.46	\$75.31	\$10.17	\$59.33	\$249.91	\$309.96
Standby	\$22.87	\$5.11							\$27.98	

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
			7/1/2019		Main					
S20CA001	627K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 24 HEAPED CY, 28.8 TON, 10.3' CUT WIDTH, 4X4	\$792,716		D-Off	407	HP	D-Off	290 HP	876
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.67	\$4.42	\$44.09	\$92.84	\$9.19	\$24.67	\$3.33	\$42.88	\$172.90	\$216.99
Severe	\$44.08	\$4.46	\$48.54	\$120.70	\$11.95	\$80.58	\$10.88	\$50.44	\$274.55	\$323.09
Standby	\$19.84	\$4.42							\$24.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S20CA003	637K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 CY, 41.1 TON, 11.5' CUT WIDTH, 4X4		\$1,323,798	D-Off	570 HP	D- 290 HP Off	1150		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$67.52	\$7.39	\$74.91	\$114.55	\$11.34	\$29.24	\$3.95	\$72.68	\$231.76	\$306.67
Severe	\$75.02	\$7.44	\$82.46	\$148.92	\$14.74	\$95.52	\$12.90	\$85.50	\$357.58	\$440.04
Standby	\$33.76	\$7.39							\$41.15	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S20CA004	637K PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X4, PUSH-PULL		\$1,204,863	D-Off	450 HP	D- 250 HP Off	1117		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.17	\$6.72	\$67.89	\$93.24	\$9.23	\$29.24	\$3.95	\$65.91	\$201.57	\$269.46
Severe	\$67.97	\$6.77	\$74.74	\$121.21	\$12.00	\$95.52	\$12.90	\$77.54	\$319.17	\$393.91
Standby	\$30.59	\$6.72							\$37.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT		
S20CA005	657	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 CY, 52 TON, 12.6' CUT WIDTH, 4X4								\$1,538,899	D-Off	564	HP	D-Off	410 HP	1508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate						
Average	\$77.84	\$8.59	\$86.43	\$129.73	\$12.84	\$40.16	\$5.42	\$83.93	\$272.09	\$358.52						
Severe	\$86.48	\$8.65	\$95.13	\$168.66	\$16.70	\$131.19	\$17.71	\$98.74	\$433.00	\$528.13						
Standby	\$38.92	\$8.59							\$47.51							

										Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT		
S20CA006	657 PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 CY, 52 TON, 12.6' CUT WIDTH, 4X4, PUSH-PULL								\$1,567,342	D-Off	564	HP	D-Off	410 HP	1605
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate						
Average	\$79.35	\$8.75	\$88.10	\$129.73	\$12.84	\$40.16	\$5.42	\$85.55	\$273.71	\$361.81						
Severe	\$88.17	\$8.81	\$96.98	\$168.66	\$16.70	\$131.19	\$17.71	\$100.65	\$434.91	\$531.89						
Standby	\$39.68	\$8.75							\$48.43							

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier			CWT		
S25JD001	1510DC	SCRAPER, TOWED, STANDARD LOADING, 15 HEAPED CY, 19 TON, 10' CUT WIDTH (ADD 460 HP TRACTOR)	\$86,203					168		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.37	\$0.49	\$5.86	\$0.00	\$1.50	\$2.66	\$0.36	\$4.83	\$9.34	\$15.20
Severe	\$6.18	\$0.50	\$6.68	\$0.00	\$1.50	\$7.69	\$1.04	\$5.95	\$16.18	\$22.86
Standby	\$2.69	\$0.49							\$3.18	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier			CWT		
S25JD002	1814DC	SCRAPER, TOWED, STANDARD LOADING, 18 HEAPED CY, 23 TON, 14' CUT WIDTH (ADD 460HP TRACTOR)	\$109,258					210		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.66	\$0.62	\$7.28	\$0.00	\$1.50	\$3.98	\$0.54	\$6.02	\$12.04	\$19.32
Severe	\$7.66	\$0.63	\$8.29	\$0.00	\$1.50	\$11.54	\$1.56	\$7.41	\$22.01	\$30.30
Standby	\$3.33	\$0.62							\$3.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

REYNOLDS INTERNATIONAL, L.P.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
S25RI001	14CS10	SCRAPER, TOWED, PIVOT DUMP, 10.7-14 HEAPED CY, 15 TON, 10' CUT WIDTH (ADD 250 - 300 HP TRACTOR)	\$71,794				136			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.45	\$0.41	\$4.86	\$0.00	\$1.50	\$2.31	\$0.31	\$4.00	\$8.12	\$12.98
Severe	\$5.12	\$0.41	\$5.53	\$0.00	\$1.50	\$6.68	\$0.90	\$4.93	\$14.01	\$19.54
Standby	\$2.23	\$0.41							\$2.64	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
S25RI002	17C12 (RG)	SCRAPER, TOWED, PIVOT DUMP, 13-17 HEAPED CY, 17 TON, 12' CUT WIDTH (ADD 350 - 400 HP TRACTOR)	\$83,231				170			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.07	\$0.47	\$5.54	\$0.00	\$1.50	\$3.05	\$0.41	\$4.58	\$9.54	\$15.08
Severe	\$5.83	\$0.48	\$6.31	\$0.00	\$1.50	\$8.84	\$1.19	\$5.64	\$17.17	\$23.48
Standby	\$2.54	\$0.47							\$3.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

ROME PLOW CO.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
S25RM001	RP-150CFB	SCRAPER, TOWED, 15 HEAPED CY, 17 TON, 14' CUT WIDTH (ADD 200-360 HP TRACTOR)								\$74,507			157
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.62	\$0.42	\$2.04	\$0.00	\$1.50	\$15.10	\$2.04	\$2.05	\$20.69	\$22.73			
Severe	\$1.86	\$0.43	\$2.29	\$0.00	\$1.50	\$43.74	\$5.91	\$2.52	\$53.67	\$55.96			
Standby	\$0.81	\$0.42							\$1.23				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
S25RM002	RP-212HDE	SCRAPER, TOWED, 23 HEAPED CY, 29 TON, 12.5' CUT WIDTH (ADD 375-600 HP TRACTOR)								\$126,305			292
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.60	\$0.72	\$8.32	\$0.00	\$1.50	\$5.03	\$0.68	\$6.88	\$14.10	\$22.42			
Severe	\$8.74	\$0.73	\$9.47	\$0.00	\$1.50	\$14.58	\$1.97	\$8.48	\$26.53	\$36.00			
Standby	\$3.80	\$0.72							\$4.52				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

ROME PLOW CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
S25RM003	RP-90CS	SCRAPER, TOWED, 9 HEAPED CY, 12.5 TON, 7' CUT WIDTH (ADD 125-200 HP TRACTOR)	\$39,372			97				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.46	\$0.22	\$2.68	\$0.00	\$0.00	\$0.71	\$0.10	\$2.21	\$3.01	\$5.69
Severe	\$2.83	\$0.23	\$3.06	\$0.00	\$0.00	\$2.04	\$0.28	\$2.72	\$5.04	\$8.10
Standby	\$1.23	\$0.22							\$1.45	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
S25RM004	RP-120CFB	SCRAPER, TOWED, 18-26 HEAPED CY, 25 TON, 10.8' CUT WIDTH (ADD 310-410 HP TRACTOR)	\$67,927			146				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.59	\$0.39	\$3.98	\$0.00	\$1.50	\$4.82	\$0.65	\$3.35	\$10.33	\$14.31
Severe	\$4.12	\$0.39	\$4.51	\$0.00	\$1.50	\$13.97	\$1.89	\$4.13	\$21.49	\$26.00
Standby	\$1.80	\$0.39							\$2.19	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ002	13-24100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 100' LONG, PORTABLE, 250 TPH								\$102,827	Elec	15 HP	18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.48	\$0.55	\$9.03	\$1.13	\$0.49	\$1.75	\$0.24	\$6.89	\$10.49	\$19.52				
Severe	\$10.60	\$0.57	\$11.17	\$1.36	\$0.71	\$4.93	\$0.67	\$10.46	\$18.12	\$29.29				
Standby	\$4.24	\$0.55							\$4.79					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ004	13-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 100' LONG, PORTABLE, 500 TPH								\$119,143	Elec	15 HP	64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.93	\$0.64	\$10.57	\$1.13	\$0.49	\$1.81	\$0.24	\$8.05	\$11.72	\$22.29				
Severe	\$12.41	\$0.66	\$13.07	\$1.36	\$0.71	\$5.11	\$0.69	\$12.22	\$20.09	\$33.16				
Standby	\$4.97	\$0.64							\$5.61					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ006	13-36100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 100' LONG, PORTABLE, 750 TPH	\$119,355	Elec	30	HP	38			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.94	\$0.64	\$10.58	\$2.26	\$0.97	\$1.81	\$0.24	\$8.07	\$13.35	\$23.93
Severe	\$12.43	\$0.66	\$13.09	\$2.71	\$1.41	\$5.11	\$0.69	\$12.24	\$22.16	\$35.25
Standby	\$4.97	\$0.64							\$5.61	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ010	31-3080	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 80' LONG, PORTABLE, 500 TPH	\$88,761	Elec	20	HP	32			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.24	\$0.48	\$7.72	\$1.51	\$0.65	\$1.69	\$0.23	\$5.89	\$9.96	\$17.68
Severe	\$9.05	\$0.49	\$9.54	\$1.81	\$0.94	\$4.75	\$0.64	\$8.94	\$17.08	\$26.62
Standby	\$3.62	\$0.48							\$4.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ011	31-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 100' LONG, PORTABLE, 550 TPH	\$99,625	Elec	25	HP	39			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.12	\$0.54	\$8.66	\$1.89	\$0.81	\$1.93	\$0.26	\$6.60	\$11.49	\$20.15
Severe	\$10.15	\$0.55	\$10.70	\$2.26	\$1.17	\$5.46	\$0.74	\$10.02	\$19.65	\$30.35
Standby	\$4.06	\$0.54							\$4.60	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ035	12-3070	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 30" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 500 TPH	\$107,018	Elec	20	HP	18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.64	\$0.58	\$9.22	\$1.51	\$0.65	\$2.29	\$0.31	\$7.03	\$11.79	\$21.01
Severe	\$10.79	\$0.59	\$11.38	\$1.81	\$0.94	\$6.53	\$0.88	\$10.67	\$20.83	\$32.21
Standby	\$4.32	\$0.58							\$4.90	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ041	12-3670	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 36" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 750 TPH	\$128,595	Elec	20	HP	19			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.58	\$0.69	\$11.27	\$1.51	\$0.65	\$2.29	\$0.31	\$8.59	\$13.35	\$24.62
Severe	\$13.22	\$0.71	\$13.93	\$1.81	\$0.94	\$6.53	\$0.88	\$13.04	\$23.20	\$37.13
Standby	\$5.29	\$0.69							\$5.98	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ042	1430-60-20	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 60' LONG CONVEYOR, PORTABLE, 1,500 TPH	\$198,045	Elec	30	HP	18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.13	\$1.07	\$18.20	\$2.26	\$0.97	\$1.56	\$0.21	\$13.84	\$18.84	\$37.04
Severe	\$21.41	\$1.10	\$22.51	\$2.71	\$1.41	\$4.40	\$0.59	\$21.00	\$30.11	\$52.62
Standby	\$8.57	\$1.07							\$9.64	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ043	1936-3	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 40' LONG CONVEYOR, PORTABLE, 2,000 TPH	\$205,612	Elec	15	HP	20			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.81	\$1.11	\$18.92	\$1.13	\$0.49	\$1.56	\$0.21	\$14.39	\$17.78	\$36.70
Severe	\$22.26	\$1.14	\$23.40	\$1.36	\$0.71	\$4.40	\$0.59	\$21.84	\$28.89	\$52.29
Standby	\$8.91	\$1.11							\$10.02	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ053	1436-60-20	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 60' LONG CONVEYOR, PORTABLE, 2,000 TPH	\$128,407	Elec	40	HP	20			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.86	\$0.69	\$11.55	\$3.02	\$1.30	\$1.56	\$0.21	\$8.79	\$14.89	\$26.44
Severe	\$13.57	\$0.71	\$14.28	\$3.62	\$1.88	\$4.40	\$0.59	\$13.35	\$23.84	\$38.12
Standby	\$5.43	\$0.69							\$6.12	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ054	1936-2	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 40' LONG CONVEYOR, PORTABLE, 1,500 TPH	\$147,631	Elec	15	HP	18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.59	\$0.79	\$13.38	\$1.13	\$0.49	\$1.56	\$0.21	\$10.19	\$13.58	\$26.96
Severe	\$15.74	\$0.82	\$16.56	\$1.36	\$0.71	\$4.40	\$0.59	\$15.46	\$22.52	\$39.08
Standby	\$6.30	\$0.79							\$7.09	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ060	13-42150	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 125' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE & LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, UP TO 1000 TONS PER HOUR	\$198,547	Elec	75	HP	125			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.47	\$1.07	\$17.54	\$5.66	\$2.43	\$3.64	\$0.49	\$13.37	\$25.59	\$43.13
Severe	\$20.59	\$1.10	\$21.69	\$6.79	\$3.53	\$10.77	\$1.45	\$20.29	\$42.83	\$64.52
Standby	\$8.24	\$1.07							\$9.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S30KJ062	13-4280	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 80' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAIS AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR	\$133,071	Elec	40 HP	65				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.23	\$0.72	\$11.95	\$3.02	\$1.30	\$1.69	\$0.23	\$9.10	\$15.33	\$27.28
Severe	\$14.04	\$0.74	\$14.78	\$3.62	\$1.88	\$4.75	\$0.64	\$13.81	\$24.70	\$39.48
Standby	\$5.62	\$0.72							\$6.34	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S30KJ063	13-42100	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 100' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR	\$165,344	Elec	57.5 HP	82				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.13	\$0.89	\$15.02	\$4.34	\$1.86	\$1.69	\$0.23	\$11.43	\$19.55	\$34.57
Severe	\$17.67	\$0.91	\$18.58	\$5.20	\$2.70	\$4.75	\$0.64	\$17.35	\$30.65	\$49.23
Standby	\$7.07	\$0.89							\$7.96	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S30KJ064	13-42125	SCREENING & CRUSHING PLANTS, CONVEYOR, 42" WIDE, 125' LONG CONVEYOR WITH 36" DEEP LATTICE FRAME, SINGLE AXLE, TELESCOPING UNDERCARRIAGE FOR RAIS AND LOWER, CAPABLE OF RADIAL TRAVEL, HEAD AND TAIL FOLD FOR TRAVEL, 1000 TONS PER HOUR	\$194,404	Elec	60	HP	103			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.10	\$1.05	\$17.15	\$4.52	\$1.94	\$3.64	\$0.49	\$13.07	\$23.66	\$40.81
Severe	\$20.12	\$1.08	\$21.20	\$5.43	\$2.82	\$10.77	\$1.45	\$19.84	\$40.30	\$61.50
Standby	\$8.05	\$1.05							\$9.10	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S30KJ065	13-30150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 150' LONG, PORTABLE, 500 TPH	\$197,221	Elec	57.5	HP	82			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.05	\$1.06	\$17.11	\$4.34	\$1.86	\$4.36	\$0.59	\$13.06	\$24.21	\$41.32
Severe	\$20.07	\$1.09	\$21.16	\$5.20	\$2.70	\$12.90	\$1.74	\$19.82	\$42.35	\$63.51
Standby	\$8.03	\$1.06							\$9.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ066	13-36125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 125' LONG, PORTABLE, 750 TPH	\$172,995	Elec	67.5	HP	93			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.87	\$0.93	\$14.80	\$5.09	\$2.19	\$4.36	\$0.59	\$11.30	\$23.53	\$38.33
Severe	\$17.34	\$0.96	\$18.30	\$6.11	\$3.17	\$12.90	\$1.74	\$17.15	\$41.07	\$59.37
Standby	\$6.94	\$0.93							\$7.87	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ067	13-36150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 150' LONG, PORTABLE, 750 TPH	\$202,773	Elec	82.5	HP	110			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.55	\$1.09	\$17.64	\$6.22	\$2.67	\$4.36	\$0.59	\$13.46	\$27.30	\$44.94
Severe	\$20.69	\$1.12	\$21.81	\$7.46	\$3.87	\$12.90	\$1.74	\$20.43	\$46.40	\$68.21
Standby	\$8.28	\$1.09							\$9.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ070	13-24125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 125' LONG, PORTABLE, 250 TPH								\$106,231	Elec	22.5	HP	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.76	\$0.57	\$9.33	\$1.70	\$0.73	\$1.81	\$0.24	\$7.12	\$11.60	\$20.93				
Severe	\$10.95	\$0.59	\$11.54	\$2.04	\$1.06	\$5.11	\$0.69	\$10.80	\$19.70	\$31.24				
Standby	\$4.38	\$0.57							\$4.95					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ071	13-24150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 150' LONG, PORTABLE, 250 TPH								\$179,292	Elec	22.5	HP	65
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.06	\$0.97	\$16.03	\$1.70	\$0.73	\$2.34	\$0.32	\$12.21	\$17.29	\$33.32				
Severe	\$18.83	\$0.99	\$19.82	\$2.04	\$1.06	\$6.49	\$0.88	\$18.53	\$29.00	\$48.82				
Standby	\$7.53	\$0.97							\$8.50					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ072	13-30125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 125' LONG, PORTABLE, 500 TPH								\$150,328	Elec	32.5 HP	71	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.08	\$0.81	\$12.89	\$2.45	\$1.05	\$3.76	\$0.51	\$9.84	\$17.61	\$30.50				
Severe	\$15.10	\$0.83	\$15.93	\$2.94	\$1.53	\$11.12	\$1.50	\$14.94	\$32.02	\$47.95				
Standby	\$6.04	\$0.81							\$6.85					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30KJ082	11-2470	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 24" WIDE X 70' LONG, WHEEL MTD, 250 TPH								\$64,215	Elec	10 HP	115	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.78	\$0.35	\$5.13	\$0.75	\$0.32	\$2.29	\$0.31	\$3.93	\$7.60	\$12.73				
Severe	\$5.98	\$0.36	\$6.34	\$0.90	\$0.47	\$6.53	\$0.88	\$5.96	\$14.74	\$21.08				
Standby	\$2.39	\$0.35							\$2.74					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ083	11-3050	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 50' LONG, WHEEL MTD, 500 TPH	\$49,292	Elec	15	HP	97			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.64	\$0.27	\$3.91	\$1.13	\$0.49	\$1.81	\$0.24	\$2.99	\$6.66	\$10.57
Severe	\$4.55	\$0.27	\$4.82	\$1.36	\$0.71	\$5.11	\$0.69	\$4.54	\$12.41	\$17.23
Standby	\$1.82	\$0.27							\$2.09	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S30KJ084	11-3070	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH	\$66,485	Elec	20	HP	124			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.99	\$0.36	\$5.35	\$1.51	\$0.65	\$2.29	\$0.31	\$4.09	\$8.85	\$14.20
Severe	\$6.23	\$0.37	\$6.60	\$1.81	\$0.94	\$6.53	\$0.88	\$6.21	\$16.37	\$22.97
Standby	\$2.50	\$0.36							\$2.86	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30KJ085	11-3650	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 50' LONG, WHEEL MTD, 750 TPH	\$51,763	Elec	20	HP	101			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.86	\$0.28	\$4.14	\$1.51	\$0.65	\$1.81	\$0.24	\$3.17	\$7.38	\$11.52
Severe	\$4.83	\$0.29	\$5.12	\$1.81	\$0.94	\$5.11	\$0.69	\$4.81	\$13.36	\$18.48
Standby	\$1.93	\$0.28							\$2.21	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30KJ086	11-3670	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 70' LONG, WHEEL MTD, 750 TPH	\$70,000	Elec	25	HP	137			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.30	\$0.38	\$5.68	\$1.89	\$0.81	\$2.29	\$0.31	\$4.35	\$9.65	\$15.33
Severe	\$6.63	\$0.39	\$7.02	\$2.26	\$1.17	\$6.53	\$0.88	\$6.60	\$17.44	\$24.46
Standby	\$2.65	\$0.38							\$3.03	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30KJ087	11-4250	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 50' LONG, WHEEL MTD, 1,000 TPH		\$61,771	Elec	30	HP	116		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.79	\$0.33	\$5.12	\$2.26	\$0.97	\$1.75	\$0.24	\$3.91	\$9.13	\$14.25
Severe	\$5.98	\$0.34	\$6.32	\$2.71	\$1.41	\$4.93	\$0.67	\$5.94	\$15.65	\$21.97
Standby	\$2.40	\$0.33							\$2.73	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30KJ088	11-4270	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH		\$103,287	Elec	40	HP	161		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.33	\$0.56	\$8.89	\$3.02	\$1.30	\$2.21	\$0.30	\$6.78	\$13.61	\$22.50
Severe	\$10.42	\$0.57	\$10.99	\$3.62	\$1.88	\$6.30	\$0.85	\$10.30	\$22.94	\$33.93
Standby	\$4.17	\$0.56							\$4.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30PU003	TELEBELT TB 110	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 106' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR		\$604,046	D-On	400	HP	615		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.54	\$3.25	\$56.79	\$65.84	\$7.05	\$2.95	\$0.40	\$43.15	\$119.38	\$176.17
Severe	\$66.92	\$3.34	\$70.26	\$78.59	\$10.04	\$9.51	\$1.28	\$65.49	\$164.92	\$235.18
Standby	\$26.77	\$3.25							\$30.02	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30PU004	TELEBELT TB 130	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 126' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR		\$731,307	D-On	400	HP	763		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.99	\$3.94	\$68.93	\$65.84	\$7.05	\$2.76	\$0.37	\$52.37	\$128.39	\$197.32
Severe	\$81.24	\$4.04	\$85.28	\$78.59	\$10.04	\$8.78	\$1.19	\$79.48	\$178.09	\$263.37
Standby	\$32.50	\$3.94							\$36.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.20 CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTO

KPI-JCI										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
S30KJ045	CS-4250	SCREENING & CRUSHING PLANTS, CRUSHER - SHAFT IMPACTOR, 42" X 52", 500 TPH, W/18' X 42" VIBRATORY FEEDER/ ADJUSTABLE GRIZZLY/ & BYPASS FEED, TRAILER MTD	\$615,116		D-Off	360 HP	548			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.81	\$3.10	\$24.91	\$49.55	\$5.31	\$1.60	\$0.22	\$25.12	\$81.79	\$106.70
Severe	\$36.36	\$3.19	\$39.55	\$59.14	\$7.56	\$4.15	\$0.56	\$52.32	\$123.73	\$163.28
Standby	\$10.91	\$3.10							\$14.01	

S30 0.21 CRUSHERS - CONE

KPI-JCI										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
S30KJ068	K200PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 385 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)	\$538,888		Elec	215 HP	340			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.06	\$2.71	\$21.77	\$16.21	\$6.96	\$1.81	\$0.24	\$26.34	\$51.56	\$73.33
Severe	\$31.76	\$2.80	\$34.56	\$19.45	\$10.10	\$4.94	\$0.67	\$58.53	\$93.69	\$128.25
Standby	\$9.53	\$2.71							\$12.24	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.21 CRUSHERS - CONE

KPI-JCI										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier		CWT		
S30KJ069	K300PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 460 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)	\$664,768		Elec	315	HP	825		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.48	\$3.35	\$26.83	\$23.75	\$10.20	\$2.34	\$0.32	\$32.45	\$69.06	\$95.89
Severe	\$39.13	\$3.45	\$42.58	\$28.50	\$14.80	\$6.33	\$0.85	\$72.12	\$122.60	\$165.18
Standby	\$11.74	\$3.35							\$15.09	

NO SPECIFIC MANUFACTURER										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier		CWT		
S30XX041	TP450	CONE CRUSHER, 500 TPH AT 1.5" DIA, TRAILER MTD, (ADD 350 KW GEN) (TOWED BY 60 KGVW TRUCK) INCLUDES ALL CONTROLS AND DISCHARGE CONVEYOR	\$451,614		Elec	500	HP	123		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.96	\$2.27	\$18.23	\$37.70	\$16.18	\$1.46	\$0.20	\$22.05	\$77.60	\$95.83
Severe	\$26.59	\$2.34	\$28.93	\$45.24	\$23.49	\$3.80	\$0.51	\$49.01	\$122.05	\$150.98
Standby	\$7.98	\$2.27							\$10.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

KPI-JCI										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
S30KJ056	CS2650	SCREENING & CRUSHING PLANTS, JAW CRUSHER, TRIPLE AXLE CHASSIS, 2650 VANGUARD JAW CRUSHER, 50" WIDE X 20' LONG VIBRATING GRIZZLY FEEDER WITH BYPASS CHUTE, ELECTRIC MOTOR WITH V-BELT DRIVE, 165 TONS PER HOUR (ADD 150 KW GENERATOR)	\$610,465		D-Off	175 HP	590			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.54	\$3.07	\$24.61	\$24.09	\$2.58	\$2.27	\$0.31	\$16.13	\$45.37	\$69.98
Severe	\$35.89	\$3.17	\$39.06	\$28.75	\$3.67	\$6.10	\$0.82	\$35.15	\$74.49	\$113.55
Standby	\$10.77	\$3.07							\$13.84	

TELSMITH INC.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
S30TS001	JP3258	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 32" X 58" FEED OPENING, TRAILER MTD	\$715,054		D-Off	365 HP	1260			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.30	\$3.60	\$28.90	\$50.24	\$5.38	\$2.13	\$0.29	\$18.94	\$76.98	\$105.88
Severe	\$42.17	\$3.71	\$45.88	\$59.96	\$7.66	\$5.53	\$0.75	\$41.28	\$115.17	\$161.05
Standby	\$12.65	\$3.60							\$16.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30TS002	JP3244	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 32" X 44" FEED OPENING, TRAILER MTD		\$597,674	D-Off	275	HP	894		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.19	\$3.01	\$24.20	\$37.85	\$4.05	\$1.60	\$0.22	\$15.86	\$59.57	\$83.77
Severe	\$35.31	\$3.10	\$38.41	\$45.18	\$5.77	\$4.15	\$0.56	\$34.56	\$90.22	\$128.63
Standby	\$10.60	\$3.01							\$13.61	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30TS003	JP2550	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 10.5 CY HOPPER, 25" X 50" FEED OPENING, TRAILER MTD		\$555,368	D-Off	275	HP	832		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.66	\$2.79	\$22.45	\$37.85	\$4.05	\$1.60	\$0.22	\$14.72	\$58.43	\$80.88
Severe	\$32.77	\$2.88	\$35.65	\$45.18	\$5.77	\$4.15	\$0.56	\$32.08	\$87.74	\$123.39
Standby	\$9.83	\$2.79							\$12.62	

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30TS004	JP2238	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 22" X 38" FEED OPENING, TRAILER MTD	\$509,995	D-Off	275	HP	637			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.14	\$2.57	\$20.71	\$37.85	\$4.05	\$1.07	\$0.14	\$13.57	\$56.68	\$77.39
Severe	\$30.23	\$2.65	\$32.88	\$45.18	\$5.77	\$2.76	\$0.37	\$29.58	\$83.67	\$116.55
Standby	\$9.07	\$2.57							\$11.64	

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30EM001	2" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 10'W X 7'4"D, SQUARE TUBING WITH 2" SPACES	\$11,786			100				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.06	\$0.06	\$1.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.98	\$0.98	\$2.10
Severe	\$1.33	\$0.07	\$1.40	\$0.00	\$0.00	\$0.00	\$0.00	\$1.52	\$1.52	\$2.92
Standby	\$0.53	\$0.06							\$0.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30EM002	6" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 14'W X 9'D, SQUARE TUBING WITH 6" SPACES	\$16,245			200				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.46	\$0.09	\$1.55	\$0.00	\$0.00	\$0.00	\$0.00	\$1.34	\$1.34	\$2.89
Severe	\$1.83	\$0.09	\$1.92	\$0.00	\$0.00	\$0.00	\$0.00	\$2.10	\$2.10	\$4.02
Standby	\$0.73	\$0.09							\$0.82	

KPI-JCI

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
S30KJ048	616 E-3	SCREENING & CRUSHING PLANTS, SCREENING PLANT, 6' X 16', VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 36" X 28.5' FEEDER CONVEYOR/ 48" X27' UNDER SCREEN CONVEYOR/ & 24" X 20' SIDE DELIVERY CONVEYOR, TRAILER MTD	\$225,832	Elec	85 HP	280				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.53	\$1.22	\$20.75	\$6.41	\$2.75	\$1.81	\$0.24	\$18.03	\$29.25	\$50.00
Severe	\$24.41	\$1.25	\$25.66	\$7.69	\$3.99	\$5.11	\$0.69	\$28.18	\$45.66	\$71.32
Standby	\$9.77	\$1.22							\$10.99	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
S30KJ049	620 E-3	SCREENING & CRUSHING PLANTS, SCREENING PLANT, 6' X 20' VIBRATORY SLOPE TRIPLE DECK SCREENS, W/HOPPER/ 42" X 34' FEEDER CONVEYOR/ 60" X 25' UNDER SCREEN CONVEYOR/ & 30" X 15' SIDE DELIVERY CONVEYOR, TRAILER MTD								\$265,542	Elec	90 HP		355
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.94	\$1.43	\$23.37	\$6.79	\$2.91	\$4.49	\$0.61	\$20.36	\$35.17	\$58.54				
Severe	\$27.43	\$1.47	\$28.90	\$8.14	\$4.23	\$12.79	\$1.73	\$31.82	\$58.70	\$87.60				
Standby	\$10.97	\$1.43							\$12.40					

										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
S30KJ050	1822P	SCREENING & CRUSHING PLANTS, WASHING/SCREENING PLANT, 6' X 16' TRIPLE DECK INCLINE SCREEN WITH SPRAY BARS, CHUTEWORK AND FINES COLLECTION, 5036-25 TWIN SAND PREP, TANDEM AXLE PORTABLE CHASSIS								\$419,269	Elec	40 HP		530
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$37.18	\$2.26	\$39.44	\$3.02	\$1.30	\$1.07	\$0.14	\$34.25	\$39.77	\$79.21				
Severe	\$46.48	\$2.32	\$48.80	\$3.62	\$1.88	\$2.76	\$0.37	\$53.51	\$62.15	\$110.95				
Standby	\$18.59	\$2.26							\$20.85					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30KJ051	1830P	SCREENING & CRUSHING PLANTS, WASHING/SCREENING PLANT, 6' X 20' TRIPLE DECK INCLINE SCREEN WITH SPRAY BARS, CHUTEWORK AND FINES COLLECTION, 5044-32 TWIN SAND PREP, TRIPLE AXLE PORTABLE CHASSIS	\$514,638		Elec	40	HP	752		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.49	\$2.77	\$48.26	\$3.02	\$1.30	\$1.60	\$0.22	\$41.91	\$48.04	\$96.30
Severe	\$56.86	\$2.85	\$59.71	\$3.62	\$1.88	\$4.15	\$0.56	\$65.49	\$75.70	\$135.41
Standby	\$22.75	\$2.77							\$25.52	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
S30KJ052	7208-32 S/P	SCREENING & CRUSHING PLANTS, CLASSIFYING PLANT, 8'W X 32'L TANK WITH FEED BOX, OVERFLOW COLLECTING FLUME AND ADJUSTABLE OVERFLOW WEIR BOARDS, WALKWAY, COLLECTING FLUME WITH DISCHARGE BOX, SPEC-SELECT WBSM CONTROL AND MONITORING SYSTEM	\$461,133		Elec	3	HP	423		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.50	\$2.48	\$43.98	\$0.23	\$0.10	\$0.00	\$0.00	\$38.17	\$38.50	\$82.48
Severe	\$51.88	\$2.55	\$54.43	\$0.27	\$0.14	\$0.00	\$0.00	\$59.64	\$60.05	\$114.48
Standby	\$20.75	\$2.48							\$23.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI											
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT			
			7/1/2019		Main	Carrier					
S30KJ061	7110-40P	SCREENING & CRUSHING PLANTS, 10' WIDE X 40' LONG CLASSIFYING TANK WITH FEED BOX, OVERFLOW COLLECTING FLUME AND ADJUSTABLE OVERFLOW WEIR BOARDS, WALKWAY, COLLECTING FLUME WITH DISCHARGE BOX, WINDOWS BASED CONTROL SYSTEM	\$469,487		Elec	10	HP				527
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$40.97	\$2.53	\$43.50	\$0.75	\$0.32	\$2.74	\$0.37	\$37.80	\$41.98	\$85.48	
Severe	\$51.22	\$2.60	\$53.82	\$0.90	\$0.47	\$7.53	\$1.02	\$59.06	\$68.97	\$122.79	
Standby	\$20.49	\$2.53							\$23.02		

METSO MINERALS											
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT			
			7/1/2019		Main	Carrier					
S30RA002	ST2.4	MOBILE SCREENING PLANT, 2 DECKS, 6.6 CY HOPPER, 5'X12' SCREENS, 3 DISCHARGE CONVEYORS	\$236,097		D-Off	102	HP				584
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$21.25	\$1.27	\$22.52	\$14.04	\$1.50	\$0.00	\$0.00	\$19.54	\$35.09	\$57.61	
Severe	\$26.56	\$1.31	\$27.87	\$16.76	\$2.14	\$0.00	\$0.00	\$30.53	\$49.44	\$77.31	
Standby	\$10.63	\$1.27							\$11.90		

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

METSO MINERALS

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30RA004	ST3.8	MOBILE SCREENING PLANT, 2 DECKS, 9.6 CY HOPPER, 18' X 5' SCREENS, 3 DISCHARGE CONVEYORS								\$325,914	D-Off	142 HP	620	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$29.33	\$1.75	\$31.08	\$19.54	\$2.09	\$0.00	\$0.00	\$26.98	\$48.61	\$79.69				
Severe	\$36.67	\$1.80	\$38.47	\$23.33	\$2.98	\$0.00	\$0.00	\$42.15	\$68.46	\$106.93				
Standby	\$14.67	\$1.75							\$16.42					

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
S30XX038	STATIC GRIZZLY 2"	GRIZZLY SCREEN, 10' W X 8.5' H X 7.3' D, 2" BAR SPACING								\$9,058			20	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.82	\$0.05	\$0.87	\$0.00	\$0.00	\$0.00	\$0.00	\$0.75	\$0.75	\$1.62				
Severe	\$1.02	\$0.05	\$1.07	\$0.00	\$0.00	\$0.00	\$0.00	\$1.17	\$1.17	\$2.24				
Standby	\$0.41	\$0.05							\$0.46					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
S30XX039	STATIC GRIZZLY 8"	GRIZZLY SCREEN, 14' W X 9' H X 8' D, 8" BAR SPACING								\$13,863			20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.25	\$0.07	\$1.32	\$0.00	\$0.00	\$0.00	\$0.00	\$1.15	\$1.15	\$2.47			
Severe	\$1.56	\$0.08	\$1.64	\$0.00	\$0.00	\$0.00	\$0.00	\$1.79	\$1.79	\$3.43			
Standby	\$0.63	\$0.07							\$0.70				

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type		CWT
										7/1/2019	Main	Carrier	
S35WA001	EX1270	SNOW REMOVAL EQUIPMENT, SNOW PLOW, REVERSIBLE, 10' CUTTING WIDTH (ADD DUMP TRUCK)								\$19,026			24
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.90	\$0.11	\$2.01	\$0.00	\$0.00	\$0.00	\$0.00	\$1.97	\$1.97	\$3.98			
Standby	\$0.95	\$0.11							\$1.06				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S35WA002	MP BLOWER	SNOW REMOVAL EQUIPMENT, LOADER MOUNTED SNOW BLOWER, 114" CUTTING WIDTH, 1800 TPH (ADD 3-3.5 CY FRONT END WHEEL LOADER)	\$189,927	D-Off	300	HP	100			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.99	\$1.12	\$20.11	\$41.29	\$4.42	\$0.00	\$0.00	\$19.65	\$65.36	\$85.47
Standby	\$9.50	\$1.12							\$10.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S35WA003	TOMCAT PLOW	SNOW REMOVAL EQUIPMENT, RUNWAY SNOW PLOW, 24' WIDE, 20' CUTTING WIDTH, 6' DISCHARGE HEIGHT, REVERSIBLE (ADD 50+ KGVW TRUCK)	\$132,619				90			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.26	\$0.78	\$14.04	\$0.00	\$0.00	\$0.00	\$0.00	\$13.72	\$13.72	\$27.76
Standby	\$6.63	\$0.78							\$7.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S35WA004	TU3 BLOWER	SNOW REMOVAL EQUIPMENT, TRUCK MOUNTED SNOW BLOWER, 102" CUTTING WIDTH, 2500 TPH (ADD 45K GVW TRUCK)	\$316,511	D-Off 425	HP	140				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.65	\$1.86	\$33.51	\$58.50	\$6.27	\$0.00	\$0.00	\$32.75	\$97.51	\$131.02
Standby	\$15.83	\$1.86							\$17.69	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S35WA005	HSS 2658	SNOW REMOVAL EQUIPMENT, SNOW PLOW, 1-WAY 9.67' CUTTING WIDTH (ADD DUMP TRUCK)	\$15,099			25				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.51	\$0.09	\$1.60	\$0.00	\$0.00	\$0.00	\$0.00	\$1.56	\$1.56	\$3.16
Standby	\$0.76	\$0.09							\$0.85	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S35WA006	VX58100 V PLOW	SNOW REMOVAL EQUIPMENT, SNOW PLOW, V PLOW, 10' CUTTING WIDTH (ADD DUMP TRUCK)	\$22,016			31				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.20	\$0.13	\$2.33	\$0.00	\$0.00	\$0.00	\$0.00	\$2.28	\$2.28	\$4.61
Standby	\$1.10	\$0.13							\$1.23	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S40BO001	RS446	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE HYDROSTATIC RECLAIMER/SOIL STABILIZER, 4X2	\$730,802	D-Off 415	HP	564				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.64	\$4.21	\$60.85	\$62.65	\$6.71	\$8.81	\$1.19	\$60.81	\$140.17	\$201.02
Severe	\$70.80	\$4.30	\$75.10	\$81.07	\$8.68	\$25.62	\$3.46	\$84.95	\$203.79	\$278.89
Standby	\$28.32	\$4.21							\$32.53	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
S40BO002	MPH-364 R-2	SOIL & ROAD STABILIZER, 12" DEEP X 9.6' WIDE, HYDROSTATIC RECLAIMER/ SOIL STABILIZER, 4X2	\$504,368	D-Off 360	HP	390				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.64	\$2.90	\$42.54	\$54.35	\$5.82	\$1.93	\$0.26	\$42.43	\$104.80	\$147.34
Severe	\$49.55	\$2.97	\$52.52	\$70.33	\$7.53	\$5.54	\$0.75	\$59.28	\$143.43	\$195.95
Standby	\$19.82	\$2.90							\$22.72	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
S40CA003	RM-400 LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4								\$482,682	D-Off	511 HP	534
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$37.72	\$2.78	\$40.50	\$77.14	\$8.26	\$2.05	\$0.28	\$40.43	\$128.15	\$168.65			
Severe	\$47.15	\$2.84	\$49.99	\$99.83	\$10.69	\$5.58	\$0.75	\$56.48	\$173.34	\$223.33			
Standby	\$18.86	\$2.78							\$21.64				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
S40CA004	RM-500B LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4								\$635,440	D-Off	546 HP	592
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$49.16	\$3.66	\$52.82	\$82.42	\$8.83	\$5.22	\$0.71	\$52.80	\$149.97	\$202.79			
Severe	\$61.45	\$3.74	\$65.19	\$106.67	\$11.42	\$13.75	\$1.86	\$73.76	\$207.47	\$272.66			
Standby	\$24.58	\$3.66							\$28.24				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

S45 0.00 SPLITTERS, ROCK & CONCRETE

ELCO INTERNATIONAL INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S45DA004	SIZE 2 W/	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, GAS POWER SIZE 2, 1.19" DIA X 12" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK	\$17,906	Gas	3.75	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.39	\$0.11	\$2.50	\$0.86	\$0.11	\$0.00	\$0.00	\$3.09	\$4.05	\$6.55
Standby	\$1.20	\$0.11							\$1.31	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S45DA005	SIZE 9 W/	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, GAS POWER SIZE 9, 1.75" DIA X 18" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK	\$19,397	Gas	3.75	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.59	\$0.12	\$2.71	\$0.86	\$0.11	\$0.00	\$0.00	\$3.34	\$4.31	\$7.02
Standby	\$1.30	\$0.12							\$1.42	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
S45DA007	SIZE 12 W/	HYDRAULIC SPLITTER, ROCK & CONCRETE, 385 TON SPLITTING FORCE, GAS POWER SIZE 12, 1.75" DIA X 26" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK	\$21,896	Gas	3.75	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.92	\$0.13	\$3.05	\$0.86	\$0.11	\$0.00	\$0.00	\$3.78	\$4.74	\$7.79
Standby	\$1.46	\$0.13							\$1.59	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA001	D3	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.17 ACCUGRADE CY (ADD D3 TRACTOR) BLADE		\$4,582			15			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.37	\$0.03	\$0.40	\$0.00	\$0.00	\$0.00	\$0.00	\$0.38	\$0.38	\$0.78
Severe	\$0.46	\$0.03	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.53	\$0.53	\$1.02
Standby	\$0.19	\$0.03							\$0.22	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA002	D3-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D3 (ADD D3 TRACTOR)		\$22,013			21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.76	\$0.13	\$1.89	\$0.00	\$0.00	\$0.00	\$0.00	\$1.82	\$1.82	\$3.71
Severe	\$2.20	\$0.13	\$2.33	\$0.00	\$0.00	\$0.00	\$0.00	\$2.56	\$2.56	\$4.89
Standby	\$0.88	\$0.13							\$1.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA004	D4	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.42	\$5,532				17			
		ACCUGRADE CY (ADD D4 TRACTOR)								
		BLADE								
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.44	\$0.03	\$0.47	\$0.00	\$0.00	\$0.00	\$0.00	\$0.46	\$0.46	\$0.93
Severe	\$0.55	\$0.03	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$0.64	\$0.64	\$1.22
Standby	\$0.22	\$0.03							\$0.25	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA005	D4-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D4 (ADD D4 TRACTOR)	\$22,013				21			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.76	\$0.13	\$1.89	\$0.00	\$0.00	\$0.00	\$0.00	\$1.82	\$1.82	\$3.71
Severe	\$2.20	\$0.13	\$2.33	\$0.00	\$0.00	\$0.00	\$0.00	\$2.56	\$2.56	\$4.89
Standby	\$0.88	\$0.13							\$1.01	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA007	D5 XL	TRACTOR ATTACHMENTS, BLADE, ACCUGRADE, HYDRAULIC, 2.86 CY ACCUGRADE (ADD D5 TRACTOR)	\$5,697				18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.46	\$0.03	\$0.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.47	\$0.47	\$0.96
Severe	\$0.57	\$0.03	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.66	\$0.66	\$1.26
Standby	\$0.23	\$0.03							\$0.26	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA008	D5-PA40	TRACTOR ATTACHMENTS, POWER WINCH, FOR D5 (ADD D5 TRACTOR)	\$22,163				26			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.77	\$0.13	\$1.90	\$0.00	\$0.00	\$0.00	\$0.00	\$1.83	\$1.83	\$3.73
Severe	\$2.22	\$0.13	\$2.35	\$0.00	\$0.00	\$0.00	\$0.00	\$2.58	\$2.58	\$4.93
Standby	\$0.89	\$0.13							\$1.02	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10CA009	D6 S BLADE	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, 12.3 CY (ADD D6 TRACTOR)								\$18,943			57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.52	\$0.11	\$1.63	\$0.00	\$0.00	\$0.00	\$0.00	\$1.57	\$1.57	\$3.20			
Severe	\$1.89	\$0.11	\$2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2.20	\$2.20	\$4.20			
Standby	\$0.76	\$0.11							\$0.87				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10CA011	D6-PA56 WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D6 (ADD D6 TRACTOR)								\$50,852			27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.07	\$0.29	\$4.36	\$0.00	\$0.00	\$0.00	\$0.00	\$4.20	\$4.20	\$8.56			
Severe	\$5.09	\$0.30	\$5.39	\$0.00	\$0.00	\$0.00	\$0.00	\$5.91	\$5.91	\$11.30			
Standby	\$2.04	\$0.29							\$2.33				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA012	D7 STRAIGHT BLADE	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D7, 6.75 CY (ADD D7 TRACTOR)	\$16,863			77				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.35	\$0.10	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00	\$1.39	\$1.39	\$2.84
Severe	\$1.69	\$0.10	\$1.79	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	\$1.96	\$3.75
Standby	\$0.68	\$0.10							\$0.78	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA013	D7 UNIVERSAL BLADE	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D7, 10.91 CY (ADD D7 TRACTOR)	\$21,768			86				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.74	\$0.13	\$1.87	\$0.00	\$0.00	\$0.00	\$0.00	\$1.80	\$1.80	\$3.67
Severe	\$2.18	\$0.13	\$2.31	\$0.00	\$0.00	\$0.00	\$0.00	\$2.53	\$2.53	\$4.84
Standby	\$0.87	\$0.13							\$1.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA015	D7 PA90 POWER WINCH	TRACTOR ATTACHMENTS, POWER WINCH, VARIABLE SPEED (ADD D7 TRACTOR)	\$62,818			5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.03	\$0.36	\$5.39	\$0.00	\$0.00	\$0.00	\$0.00	\$5.19	\$5.19	\$10.58
Severe	\$6.28	\$0.37	\$6.65	\$0.00	\$0.00	\$0.00	\$0.00	\$7.30	\$7.30	\$13.95
Standby	\$2.52	\$0.36							\$2.88	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA016	D8-SU	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D8, 11.4 CY (ADD D8 TRACTOR)	\$29,882			73				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.39	\$0.17	\$2.56	\$0.00	\$0.00	\$0.00	\$0.00	\$2.47	\$2.47	\$5.03
Severe	\$2.99	\$0.18	\$3.17	\$0.00	\$0.00	\$0.00	\$0.00	\$3.47	\$3.47	\$6.64
Standby	\$1.20	\$0.17							\$1.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA017	D8-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D8, 15.30 CY (ADD D8 TRACTOR)	\$29,847				86			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.39	\$0.17	\$2.56	\$0.00	\$0.00	\$0.00	\$0.00	\$2.47	\$2.47	\$5.03
Severe	\$2.98	\$0.18	\$3.16	\$0.00	\$0.00	\$0.00	\$0.00	\$3.47	\$3.47	\$6.63
Standby	\$1.20	\$0.17							\$1.37	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T10CA020	D8, PA140VS	TRACTOR ATTACHMENTS, POWER WINCH, (ADD D8 TRACTOR) WINCH	\$71,151				46			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.69	\$0.41	\$6.10	\$0.00	\$0.00	\$0.00	\$0.00	\$5.88	\$5.88	\$11.98
Severe	\$7.12	\$0.42	\$7.54	\$0.00	\$0.00	\$0.00	\$0.00	\$8.27	\$8.27	\$15.81
Standby	\$2.85	\$0.41							\$3.26	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10CA021	D9-SU	TRACTOR ATTACHMENTS, BLADE, SEMI-U, LANDFILL, HYDRAULIC, FOR D9, 17.70 CY (ADD D9 TRACTOR)								\$52,854			143
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.23	\$0.30	\$4.53	\$0.00	\$0.00	\$0.00	\$0.00	\$4.37	\$4.37	\$8.90			
Severe	\$5.29	\$0.31	\$5.60	\$0.00	\$0.00	\$0.00	\$0.00	\$6.14	\$6.14	\$11.74			
Standby	\$2.12	\$0.30							\$2.42				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10CA022	D9-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D9, 21.40 CY (ADD D9 TRACTOR)								\$58,905			137
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.71	\$0.34	\$5.05	\$0.00	\$0.00	\$0.00	\$0.00	\$4.87	\$4.87	\$9.92			
Severe	\$5.89	\$0.35	\$6.24	\$0.00	\$0.00	\$0.00	\$0.00	\$6.84	\$6.84	\$13.08			
Standby	\$2.36	\$0.34							\$2.70				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA023	D9, PA140VS WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D9 (ADD D9 TRACTOR)	\$122,091			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.77	\$0.70	\$10.47	\$0.00	\$0.00	\$0.00	\$0.00	\$10.09	\$10.09	\$20.56
Severe	\$12.21	\$0.72	\$12.93	\$0.00	\$0.00	\$0.00	\$0.00	\$14.19	\$14.19	\$27.12
Standby	\$4.89	\$0.70							\$5.59	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA024	D10-SU ABRASION	TRACTOR ATTACHMENTS, BLADE, SEMI-U, HYDRAULIC, FOR D10, 24.20 CY (ADD D10 TRACTOR)	\$81,528			357				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.52	\$0.47	\$6.99	\$0.00	\$0.00	\$0.00	\$0.00	\$6.74	\$6.74	\$13.73
Severe	\$8.15	\$0.48	\$8.63	\$0.00	\$0.00	\$0.00	\$0.00	\$9.47	\$9.47	\$18.10
Standby	\$3.26	\$0.47							\$3.73	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA025	D10-U ABRASION	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D10, 28.80 CY (ADD D10 TRACTOR)	\$93,314			251				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.47	\$0.54	\$8.01	\$0.00	\$0.00	\$0.00	\$0.00	\$7.71	\$7.71	\$15.72
Severe	\$9.33	\$0.55	\$9.88	\$0.00	\$0.00	\$0.00	\$0.00	\$10.84	\$10.84	\$20.72
Standby	\$3.74	\$0.54							\$4.28	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T10CA026	D11-SU	TRACTOR ATTACHMENTS, BLADE, SEMI UNIVERSAL, HYDRAULIC, FOR D11, 35.60 CY (ADD D11 TRACTOR)	\$113,735			367				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.10	\$0.65	\$9.75	\$0.00	\$0.00	\$0.00	\$0.00	\$9.40	\$9.40	\$19.15
Severe	\$11.37	\$0.67	\$12.04	\$0.00	\$0.00	\$0.00	\$0.00	\$13.21	\$13.21	\$25.25
Standby	\$4.55	\$0.65							\$5.20	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10CA027	D11-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D11, 45.00 CY (ADD D11 TRACTOR)								\$135,823			423
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.87	\$0.78	\$11.65	\$0.00	\$0.00	\$0.00	\$0.00	\$11.22	\$11.22	\$22.87			
Severe	\$13.58	\$0.80	\$14.38	\$0.00	\$0.00	\$0.00	\$0.00	\$15.78	\$15.78	\$30.16			
Standby	\$5.44	\$0.78							\$6.22				

JOHN DEERE

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T10JD001	915 V-RIPPER	TRACTOR ATTACHMENTS, DEEP TILLER, 5x7 V SHAPED, 175" WIDE, 7 SHANKS (ADD 200HP TRACTOR W/PTO)								\$20,129			17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.49	\$0.12	\$1.61	\$0.00	\$0.25	\$0.29	\$0.04	\$1.56	\$2.15	\$3.76			
Severe	\$1.86	\$0.12	\$1.98	\$0.00	\$0.25	\$0.21	\$0.03	\$2.20	\$2.68	\$4.66			
Standby	\$0.75	\$0.12							\$0.87				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15CS001	650M	TRACTOR, CRAWLER (DOZER) 74 HP, W/96" WIDE 1.7 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$150,352	D-Off	74 HP	158	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.52	\$0.92	\$11.44	\$11.17	\$1.54	\$0.00	\$0.00	\$17.08	\$29.79	\$41.23				
Severe	\$13.16	\$0.94	\$14.10	\$14.46	\$1.99	\$0.00	\$0.00	\$24.26	\$40.71	\$54.81				
Standby	\$5.26	\$0.92							\$6.18					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15CS008	1150M	TRACTOR, CRAWLER (DOZER), 138 HP, 3.75 CY UNIVERSAL BLADE, REAR RIPPER								\$317,088	D-Off	138 HP	289	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$22.20	\$1.94	\$24.14	\$20.83	\$2.87	\$0.00	\$0.00	\$36.02	\$59.72	\$83.86				
Severe	\$27.75	\$1.98	\$29.73	\$26.96	\$3.71	\$0.00	\$0.00	\$51.17	\$81.84	\$111.57				
Standby	\$11.10	\$1.94							\$13.04					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15CS016	750M	TRACTOR, CRAWLER (DOZER), 92 HP, W/ 124" WIDE 2.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$231,690	D-Off	92 HP	201	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.22	\$1.42	\$17.64	\$13.89	\$1.91	\$0.00	\$0.00	\$26.32	\$42.12	\$59.76				
Severe	\$20.27	\$1.45	\$21.72	\$17.97	\$2.47	\$0.00	\$0.00	\$37.39	\$57.83	\$79.55				
Standby	\$8.11	\$1.42							\$9.53					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15CS017	850M	TRACTOR, CRAWLER (DOZER), 112 HP, W/ 124" WIDE 2.62 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$255,820	D-Off	112 HP	220	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.91	\$1.57	\$19.48	\$16.91	\$2.33	\$0.00	\$0.00	\$29.06	\$48.30	\$67.78				
Severe	\$22.38	\$1.60	\$23.98	\$21.88	\$3.01	\$0.00	\$0.00	\$41.28	\$66.17	\$90.15				
Standby	\$8.96	\$1.57							\$10.53					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CS019	1650M	TRACTOR, CRAWLER (DOZER), 150 HP, W/ 157" WIDE 5.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$459,301	D-Off	150 HP	398
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$32.15	\$2.81	\$34.96	\$22.64	\$3.12	\$0.00	\$0.00	\$52.18	\$77.94	\$112.90			
Severe	\$40.19	\$2.87	\$43.06	\$29.30	\$4.03	\$0.00	\$0.00	\$74.12	\$107.45	\$150.51			
Standby	\$16.08	\$2.81							\$18.89				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CS020	2050M	TRACTOR, CRAWLER (DOZER), 214 HP, W/ 135" WIDE 7.29 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$598,592	D-Off	214 HP	454
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$41.90	\$3.67	\$45.57	\$32.31	\$4.45	\$0.00	\$0.00	\$68.00	\$104.76	\$150.33			
Severe	\$52.38	\$3.74	\$56.12	\$41.81	\$5.76	\$0.00	\$0.00	\$96.59	\$144.16	\$200.28			
Standby	\$20.95	\$3.67							\$24.62				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CA002	D3K2 LGP	TRACTOR, CRAWLER (DOZER), 80 HP, LOW GROUND PRESSURE, W/2.17 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$129,311	D-Off	80 HP	184
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.05	\$0.79	\$9.84	\$12.08	\$1.66	\$0.00	\$0.00	\$14.69	\$28.43	\$38.27			
Severe	\$11.31	\$0.81	\$12.12	\$15.63	\$2.15	\$0.00	\$0.00	\$20.87	\$38.65	\$50.77			
Standby	\$4.53	\$0.79							\$5.32				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CA005	D4K2 LGP	TRACTOR, CRAWLER (DOZER), 92 HP, LOW GROUND PRESSURE, W/2.42 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$159,106	D-Off	92 HP	187
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.14	\$0.97	\$12.11	\$13.89	\$1.91	\$0.00	\$0.00	\$18.07	\$33.88	\$45.99			
Severe	\$13.92	\$0.99	\$14.91	\$17.97	\$2.47	\$0.00	\$0.00	\$25.67	\$46.12	\$61.03			
Standby	\$5.57	\$0.97							\$6.54				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CA008	D6N XL	TRACTOR, CRAWLER (DOZER), 182 HP, W/4.30 CY SEMI-U BLADE (ADD ATTACHMENTS)								\$353,096	D-Off	182 HP	369
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.72	\$2.16	\$26.88	\$27.47	\$3.78	\$0.00	\$0.00	\$40.11	\$71.37	\$98.25			
Severe	\$30.90	\$2.20	\$33.10	\$35.56	\$4.90	\$0.00	\$0.00	\$56.98	\$97.43	\$130.53			
Standby	\$12.36	\$2.16							\$14.52				

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CA009	D6T XW	TRACTOR, CRAWLER (DOZER), 258 HP, W/6.57 CY VARIABLE PITCH ADJUSTABLE TILT BLADE								\$531,730	D-Off	258 HP	459
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$37.22	\$3.26	\$40.48	\$38.95	\$5.36	\$0.00	\$0.00	\$60.41	\$104.72	\$145.20			
Severe	\$46.53	\$3.32	\$49.85	\$50.40	\$6.94	\$0.00	\$0.00	\$85.80	\$143.14	\$192.99			
Standby	\$18.61	\$3.26							\$21.87				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T15CA011	D6T LGP	TRACTOR, CRAWLER (DOZER), 258 HP, LOW GROUND PRESSURE, W/6.57 CY VARIABLE PITCH ADJUSTABLE TILT BLADE (ADD ATTACHMENTS)		\$555,498	D-Off	258	HP	485		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.88	\$3.40	\$42.28	\$38.95	\$5.36	\$0.00	\$0.00	\$63.11	\$107.42	\$149.70
Severe	\$48.61	\$3.47	\$52.08	\$50.40	\$6.94	\$0.00	\$0.00	\$89.64	\$146.98	\$199.06
Standby	\$19.44	\$3.40							\$22.84	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T15CA020	D4K2 XL	TRACTOR, CRAWLER (DOZER), 92 HP, W/2.59 CY STRAIGHT BLADE (ADD ATTACHMENTS)		\$151,194	D-Off	92	HP	180		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.58	\$0.93	\$11.51	\$13.89	\$1.91	\$0.00	\$0.00	\$17.18	\$32.98	\$44.49
Severe	\$13.23	\$0.94	\$14.17	\$17.97	\$2.47	\$0.00	\$0.00	\$24.40	\$44.84	\$59.01
Standby	\$5.29	\$0.93							\$6.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T15CA022	D5K2 LGP	TRACTOR, CRAWLER (DOZER), 104 HP, LOW GROUND PRESSURE, W/3.06 CY POWER ANGLE BLADE (ADD ATTACHMENTS)		\$251,906	D-Off	104	HP	210		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.63	\$1.54	\$19.17	\$15.70	\$2.16	\$0.00	\$0.00	\$28.62	\$46.48	\$65.65
Severe	\$22.04	\$1.57	\$23.61	\$20.32	\$2.80	\$0.00	\$0.00	\$40.65	\$63.77	\$87.38
Standby	\$8.82	\$1.54							\$10.36	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T15CA023	D6T XL	TRACTOR, CRAWLER (DOZER), 258 HP, W/7.26 CY SEMI-U BLADE (ADD ATTACHMENTS)		\$481,300	D-Off	258	HP	391		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.69	\$2.95	\$36.64	\$38.95	\$5.36	\$0.00	\$0.00	\$54.68	\$98.99	\$135.63
Severe	\$42.11	\$3.00	\$45.11	\$50.40	\$6.94	\$0.00	\$0.00	\$77.67	\$135.01	\$180.12
Standby	\$16.85	\$2.95							\$19.80	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

CATERPILLAR INC. (MACHINE DIVISION)										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15CA024	D5K2 XL	TRACTOR, CRAWLER (DOZER), 104 HP, W/2.86 CY ACCUGRADE BLADE (ADD ATTACHMENTS)								\$242,330	D-Off	104 HP	203
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.96	\$1.48	\$18.44	\$15.70	\$2.16	\$0.00	\$0.00	\$27.53	\$45.39	\$63.83			
Severe	\$21.20	\$1.51	\$22.71	\$20.32	\$2.80	\$0.00	\$0.00	\$39.10	\$62.22	\$84.93			
Standby	\$8.48	\$1.48							\$9.96				

JOHN DEERE

JOHN DEERE										Value TEV	Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T15JD006	450K	TRACTOR, CRAWLER (DOZER), 80 HP, W/2.15 CY STRAIGHT BLADE (ADD ATTACHMENTS)								\$133,896	D-Off	80 HP	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.37	\$0.82	\$10.19	\$12.08	\$1.66	\$0.00	\$0.00	\$15.21	\$28.95	\$39.14			
Severe	\$11.72	\$0.84	\$12.56	\$15.63	\$2.15	\$0.00	\$0.00	\$21.61	\$39.39	\$51.95			
Standby	\$4.69	\$0.82							\$5.51				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15JD007	650K	TRACTOR, CRAWLER (DOZER), 101 HP, HYDROSTATIC, W/2.60 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)								\$208,923	D-Off	101 HP	185	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.62	\$1.28	\$15.90	\$15.25	\$2.10	\$0.00	\$0.00	\$23.73	\$41.08	\$56.98				
Severe	\$18.28	\$1.30	\$19.58	\$19.73	\$2.72	\$0.00	\$0.00	\$33.71	\$56.16	\$75.74				
Standby	\$7.31	\$1.28							\$8.59					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T15JD009	750K	TRACTOR, CRAWLER (DOZER), 165 HP, HYDROSTATIC, LOW GROUND PRESSURE, W/4.84 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)								\$314,204	D-Off	165 HP	365	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.99	\$1.92	\$23.91	\$24.91	\$3.43	\$0.00	\$0.00	\$35.69	\$64.03	\$87.94				
Severe	\$27.49	\$1.96	\$29.45	\$32.23	\$4.44	\$0.00	\$0.00	\$50.70	\$87.37	\$116.82				
Standby	\$11.00	\$1.92							\$12.92					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
T15JD010	850K	TRACTOR, CRAWLER (DOZER), 187 HP, HYDROSTATIC, W/7.44 CY SEMI-U POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)	\$465,324		D-Off	187 HP			404	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.57	\$2.85	\$35.42	\$28.23	\$3.89	\$0.00	\$0.00	\$52.86	\$84.98	\$120.40
Severe	\$40.72	\$2.90	\$43.62	\$36.53	\$5.03	\$0.00	\$0.00	\$75.09	\$116.65	\$160.27
Standby	\$16.29	\$2.85							\$19.14	

T15 0.02 226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier	CWT			
T15CA012	D7E	TRACTOR, CRAWLER (DOZER), 270 HP, W/8.98 CY SEMI-U BLADE (ADD ATTACHMENTS)	\$709,903		D-Off	270 HP			484	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$46.30	\$4.17	\$50.47	\$40.76	\$4.37	\$0.00	\$0.00	\$76.50	\$121.63	\$172.10
Severe	\$50.71	\$4.20	\$54.91	\$52.75	\$5.65	\$0.00	\$0.00	\$87.28	\$145.68	\$200.59
Standby	\$23.15	\$4.17							\$27.32	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.02 226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T15CA014	D7E LGP	TRACTOR, CRAWLER (DOZER), 270 HP, LOW GROUND PRESSURE, W/7.70 CY STRAIGHT BLADE (ADD ATTACHMENTS)	\$753,501	D-Off 270 HP		537				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$49.14	\$4.43	\$53.57	\$40.76	\$4.37	\$0.00	\$0.00	\$81.20	\$126.33	\$179.90
Severe	\$53.82	\$4.46	\$58.28	\$52.75	\$5.65	\$0.00	\$0.00	\$92.64	\$151.04	\$209.32
Standby	\$24.57	\$4.43							\$29.00	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T15CA016	D8T	TRACTOR, CRAWLER (DOZER), 364 HP, W/11.3 CY SEMI-U BLADE (ADD ATTACHMENTS)	\$897,310	D-Off 364 HP		672				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.52	\$5.27	\$63.79	\$54.95	\$5.89	\$0.00	\$0.00	\$96.70	\$157.53	\$221.32
Severe	\$64.09	\$5.31	\$69.40	\$71.11	\$7.62	\$0.00	\$0.00	\$110.32	\$189.05	\$258.45
Standby	\$29.26	\$5.27							\$34.53	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.02 226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T15CA017	D9T	TRACTOR, CRAWLER (DOZER), 448 HP, W/17.7 CY SEMI-U BLADE (ADD ATTACHMENTS)	\$1,251,057	D-Off 469	HP	801				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$81.59	\$7.35	\$88.94	\$70.80	\$7.58	\$0.00	\$0.00	\$134.82	\$213.20	\$302.14
Severe	\$89.36	\$7.40	\$96.76	\$91.62	\$9.81	\$0.00	\$0.00	\$153.81	\$255.25	\$352.01
Standby	\$40.80	\$7.35							\$48.15	

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T15KM008	D155AX-8	TRACTOR, CRAWLER (DOZER), 354 HP, POWERSHIFT, W/15.6 CY FULL-U BLADE	\$895,106	D-Off 354	HP	893				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.38	\$5.26	\$63.64	\$53.44	\$5.72	\$0.00	\$0.00	\$96.46	\$155.62	\$219.26
Severe	\$63.94	\$5.30	\$69.24	\$69.16	\$7.41	\$0.00	\$0.00	\$110.05	\$186.62	\$255.86
Standby	\$29.19	\$5.26							\$34.45	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.03 OVER 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
T15CA018	D10T2	TRACTOR, CRAWLER (DOZER), 646 HP, POWERSHIFT, W/24.2 CY SEMI-U BLADE (ADD ATTACHMENTS)	\$1,513,144	D-Off 646	HP	1064				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$80.70	\$8.45	\$89.15	\$83.18	\$4.94	\$0.00	\$0.00	\$125.02	\$213.14	\$302.29
Severe	\$96.84	\$8.55	\$105.39	\$106.12	\$6.30	\$0.00	\$0.00	\$168.77	\$281.19	\$386.58
Standby	\$40.35	\$8.45							\$48.80	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
T15CA019	D11T	TRACTOR, CRAWLER (DOZER), 913 HP, POWERSHIFT, W/35.6 CY SEMI-U BLADE (ADD ATTACHMENTS)	\$2,637,482	D-Off 913	HP	2298				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$140.67	\$14.72	\$155.39	\$117.56	\$6.98	\$0.00	\$0.00	\$217.91	\$342.45	\$497.84
Severe	\$168.80	\$14.90	\$183.70	\$149.99	\$8.91	\$0.00	\$0.00	\$294.18	\$453.08	\$636.78
Standby	\$70.34	\$14.72							\$85.06	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T20 TRACTORS, WHEEL TYPE (DOZER)

T20 0.00 TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T20CA001	814K	TRACTOR, WHEEL (DOZER), 240 HP, ARTICULATING, 4X4, W/3.77 CY STRAIGHT BLADE								\$659,419	D-Off	232 HP	479	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$38.57	\$3.57	\$42.14	\$29.87	\$3.20	\$9.91	\$1.34	\$28.92	\$73.23	\$115.37				
Severe	\$41.54	\$3.59	\$45.13	\$38.11	\$4.08	\$31.71	\$4.28	\$33.74	\$111.92	\$157.05				
Standby	\$19.29	\$3.57							\$22.86					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T20CA002	824K	TRACTOR, WHEEL (DOZER), 434 HP, ARTICULATING, 4X4, W/6.60 CY STRAIGHT BLADE								\$939,065	D-Off	434 HP	750	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$54.23	\$5.08	\$59.31	\$55.88	\$5.98	\$18.89	\$2.55	\$40.73	\$124.03	\$183.34				
Severe	\$58.40	\$5.11	\$63.51	\$71.30	\$7.64	\$60.43	\$8.16	\$47.52	\$195.05	\$258.56				
Standby	\$27.12	\$5.08							\$32.20					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T20 TRACTORS, WHEEL TYPE (DOZER)

T20 0.00 TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T20CA003	834K	TRACTOR, WHEEL (DOZER), 562 HP, ARTICULATING, 4X4, W/10.33 CY STRAIGHT BLADE	\$1,422,098	D-Off 562	HP	1053				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$81.72	\$7.70	\$89.42	\$72.36	\$7.75	\$31.31	\$4.23	\$61.43	\$177.08	\$266.50
Severe	\$88.00	\$7.74	\$95.74	\$92.33	\$9.89	\$100.21	\$13.53	\$71.67	\$287.62	\$383.36
Standby	\$40.86	\$7.70							\$48.56	

T25 TRACTORS, AGRICULTURAL

T25 0.10 CRAWLER

JOHN DEERE

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T25JD001	8320RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 320 HP, 3 POINT HITCH	\$351,985	D-Off 320	HP	339				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.92	\$1.96	\$31.88	\$44.04	\$4.72	\$0.00	\$0.00	\$31.60	\$80.35	\$112.23
Standby	\$14.96	\$1.96							\$16.92	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.10 CRAWLER

JOHN DEERE

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
T25JD002	8345RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 345 HP, 3 POINT HITCH								\$376,997	D-Off	345	HP	339
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$32.04	\$2.10	\$34.14	\$47.49	\$5.09	\$0.00	\$0.00	\$33.84	\$86.42	\$120.56				
Standby	\$16.02	\$2.10							\$18.12					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
T25JD003	8400R	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 400 HP, 3 POINT HITCH								\$411,242	D-Off	400	HP	366
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$34.96	\$2.29	\$37.25	\$55.06	\$5.90	\$0.00	\$0.00	\$36.92	\$97.87	\$135.12				
Standby	\$17.48	\$2.29							\$19.77					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD021	6145M	TRACTOR, AGRICULTURAL, WHEEL, 145 HP, 4X4, PTO, 3 POINT HITCH	\$112,832	D-Off 161	HP		137			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.78	\$0.64	\$11.42	\$22.16	\$2.37	\$2.88	\$0.39	\$9.53	\$37.33	\$48.75
Standby	\$5.39	\$0.64							\$6.03	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD022	6175R	TRACTOR, AGRICULTURAL, WHEEL, 190HP, 4X4, PTO, 3 POINT HITCH	\$173,383	D-Off 190	HP		191			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.50	\$0.99	\$18.49	\$26.15	\$2.80	\$2.11	\$0.28	\$15.34	\$46.69	\$65.18
Standby	\$8.75	\$0.99							\$9.74	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD023	8245R	TRACTOR, AGRICULTURAL, WHEEL, 245 HP, 4X4, PTO, 3 POINT HITCH	\$264,122	D-Off 245	HP		280			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.11	\$1.51	\$28.62	\$33.72	\$3.61	\$2.23	\$0.30	\$23.70	\$63.56	\$92.18
Standby	\$13.56	\$1.51							\$15.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD024	8270R	TRACTOR, AGRICULTURAL, WHEEL, 270 HP, 4X4, PTO, 3 POINT HITCH	\$281,612	D-Off 270	HP		315			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.92	\$1.61	\$30.53	\$37.16	\$3.98	\$2.34	\$0.32	\$25.28	\$69.08	\$99.61
Standby	\$14.46	\$1.61							\$16.07	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD025	9370R	TRACTOR, AGRICULTURAL, WHEEL, 370 HP, 4X4, PTO, 3 POINT HITCH	\$284,448	D-Off 370	HP		400			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.00	\$1.62	\$27.62	\$50.93	\$5.45	\$11.21	\$1.51	\$23.16	\$92.27	\$119.89
Standby	\$13.00	\$1.62							\$14.62	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD026	9470R	TRACTOR, AGRICULTURAL, WHEEL, 470 HP, 4X4, PTO, 3 POINT HITCH	\$370,313	D-Off 470	HP		423			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.12	\$2.11	\$37.23	\$64.69	\$6.93	\$11.21	\$1.51	\$31.09	\$115.44	\$152.67
Standby	\$17.56	\$2.11							\$19.67	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD027	5045E	TRACTOR, AGRICULTURAL, WHEEL, 50 HP, 4X2, PTO, 3 POINT HITCH	\$21,136	D-Off 50	HP		56			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.75	\$0.12	\$1.87	\$6.88	\$0.74	\$1.27	\$0.17	\$1.58	\$10.65	\$12.52
Standby	\$0.88	\$0.12							\$1.00	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD028	5055E	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH	\$23,521	D-Off 55	HP		39			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.14	\$0.13	\$1.27	\$7.57	\$0.81	\$3.85	\$0.52	\$1.17	\$13.92	\$15.19
Standby	\$0.57	\$0.13							\$0.70	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD029	5055E W/MX5 MOWER	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH, WITH 60" HEAVY DUTY ROTARY MOWER	\$55,216	D-Off 55	HP		51			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.51	\$0.32	\$4.83	\$7.57	\$0.81	\$3.85	\$0.52	\$4.10	\$16.85	\$21.68
Standby	\$2.26	\$0.32							\$2.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD030	5065E	TRACTOR, AGRICULTURAL, WHEEL, 65 HP, 4X2, PTO, 3 POINT HITCH	\$25,732	D-Off 65	HP		27			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.41	\$0.15	\$2.56	\$8.95	\$0.96	\$0.81	\$0.11	\$2.14	\$12.97	\$15.53
Standby	\$1.21	\$0.15							\$1.36	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T25JD032	5101R	TRACTOR, AGRICULTURAL, WHEEL, 100 HP, 4X2, PTO, 3 POINT HITCH	\$53,871	D-Off 100	HP		98			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.11	\$0.31	\$5.42	\$13.76	\$1.47	\$1.59	\$0.21	\$4.52	\$21.56	\$26.98
Standby	\$2.56	\$0.31							\$2.87	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T30DW001	RT125 QUAD	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" MAX WIDTH, RIDE-ON, 4-CRAWLERS							\$237,242	D-Off	121 HP	153	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$23.72	\$1.40	\$25.12	\$16.65	\$1.78	\$0.00	\$0.00	\$28.19	\$46.62	\$71.74			
Severe	\$31.63	\$1.45	\$33.08	\$22.03	\$2.36	\$0.00	\$0.00	\$41.76	\$66.15	\$99.23			
Standby	\$11.86	\$1.40							\$13.26				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T30DW019	C12	TRENCHER, CHAIN TYPE CUTTER, 24" MAX DEPTH X 3.5" - 6" WIDTH, WALK BEHIND, WHEELED							\$13,017	Gas	12 HP	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.29	\$0.08	\$1.37	\$2.74	\$0.29	\$0.03	\$0.00	\$1.53	\$4.60	\$5.97			
Severe	\$1.72	\$0.08	\$1.80	\$3.58	\$0.38	\$0.09	\$0.01	\$2.27	\$6.34	\$8.14			
Standby	\$0.65	\$0.08							\$0.73				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW020	C16	TRENCHER, CHAIN TYPE CUTTER, 30" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, WHEELED								\$13,017	Gas	16 HP	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.29	\$0.08	\$1.37	\$3.65	\$0.39	\$0.03	\$0.00	\$1.53	\$5.61	\$6.98				
Severe	\$1.72	\$0.08	\$1.80	\$4.77	\$0.51	\$0.09	\$0.01	\$2.27	\$7.66	\$9.46				
Standby	\$0.65	\$0.08							\$0.73					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW021	C16X	TRENCHER, CHAIN TYPE CUTTER, 36" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER								\$13,640	Gas	16 HP	19	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.36	\$0.08	\$1.44	\$3.65	\$0.39	\$0.00	\$0.00	\$1.62	\$5.66	\$7.10				
Severe	\$1.82	\$0.08	\$1.90	\$4.77	\$0.51	\$0.00	\$0.00	\$2.40	\$7.68	\$9.58				
Standby	\$0.68	\$0.08							\$0.76					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW022	C30X	TRENCHER, CHAIN TYPE CUTTER, 48" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER								\$17,218	Gas	31 HP	21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.72	\$0.10	\$1.82	\$7.08	\$0.76	\$0.00	\$0.00	\$2.05	\$9.88	\$11.70				
Severe	\$2.30	\$0.11	\$2.41	\$9.24	\$0.99	\$0.00	\$0.00	\$3.03	\$13.26	\$15.67				
Standby	\$0.86	\$0.10							\$0.96					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW023	RT100	TRENCHER, CHAIN TYPE CUTTER, 94" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4								\$128,336	D-Off	100 HP	89	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.92	\$0.76	\$11.68	\$13.76	\$1.47	\$4.00	\$0.54	\$13.43	\$33.21	\$44.89				
Severe	\$14.56	\$0.78	\$15.34	\$18.20	\$1.95	\$11.84	\$1.60	\$19.90	\$53.48	\$68.82				
Standby	\$5.46	\$0.76							\$6.22					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW024	RT30	TRENCHER, CHAIN TYPE CUTTER, 42" MAX DEPTH X 4"-8" WIDTH, RIDE-ON, WHEELED, 4X4								\$35,111	D-Off	24.8 HP	31	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.45	\$0.21	\$3.66	\$3.41	\$0.37	\$0.12	\$0.02	\$4.11	\$8.02	\$11.68				
Severe	\$4.60	\$0.21	\$4.81	\$4.51	\$0.48	\$0.33	\$0.05	\$6.10	\$11.47	\$16.28				
Standby	\$1.73	\$0.21							\$1.94					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW025	RT45	TRENCHER, CHAIN TYPE CUTTER, 63" MAX DEPTH X 6"-12" WIDTH, RIDE-ON, 4X4								\$96,364	D-Off	48.8 HP	54	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.55	\$0.57	\$10.12	\$6.72	\$0.72	\$0.19	\$0.03	\$11.36	\$19.02	\$29.14				
Severe	\$12.73	\$0.59	\$13.32	\$8.88	\$0.95	\$0.56	\$0.08	\$16.83	\$27.30	\$40.62				
Standby	\$4.78	\$0.57							\$5.35					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

DITCH WITCH (THE CHARLES MACHINE WORKS)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30DW026	RT80	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4								\$152,425	D-Off	74 HP	118	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.71	\$0.90	\$15.61	\$10.19	\$1.09	\$1.11	\$0.15	\$17.61	\$30.15	\$45.76				
Severe	\$19.62	\$0.93	\$20.55	\$13.47	\$1.44	\$3.29	\$0.44	\$26.08	\$44.73	\$65.28				
Standby	\$7.36	\$0.90							\$8.26					

TESMEC USA, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30TM007	775	TRENCHER, CHAIN TYPE CUTTER, 4' DEEP X 12" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET								\$768,519	D-Off	225 HP	381	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$76.85	\$4.52	\$81.37	\$30.97	\$3.32	\$0.00	\$0.00	\$91.31	\$125.60	\$206.97				
Severe	\$102.47	\$4.69	\$107.16	\$40.96	\$4.39	\$0.00	\$0.00	\$135.28	\$180.63	\$287.79				
Standby	\$38.43	\$4.52							\$42.95					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

SourceTag									Value TEV	Engine Horsepower and Fuel Type			CWT
Model									7/1/2019	Main	Carrier		
Equipment Description													
T30TM008	775	TRENCHER, CHAIN TYPE CUTTER, 6' DEEP X 18" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET							\$789,524	D-Off	225	HP	381
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$78.95	\$4.65	\$83.60	\$30.97	\$3.32	\$0.00	\$0.00	\$93.81	\$128.10	\$211.70			
Severe	\$105.27	\$4.82	\$110.09	\$40.96	\$4.39	\$0.00	\$0.00	\$138.98	\$184.32	\$294.41			
Standby	\$39.48	\$4.65							\$44.13				

SourceTag									Value TEV	Engine Horsepower and Fuel Type			CWT
Model									7/1/2019	Main	Carrier		
Equipment Description													
T30TM012	1150	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)							\$898,665	D-Off	440	HP	1120
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$89.87	\$5.29	\$95.16	\$60.56	\$6.49	\$0.00	\$0.00	\$106.78	\$173.82	\$268.98			
Severe	\$119.82	\$5.48	\$125.30	\$80.10	\$8.58	\$0.00	\$0.00	\$158.19	\$246.87	\$372.17			
Standby	\$44.94	\$5.29							\$50.23				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30TM013	1475	TRENCHER, CHAIN TYPE CUTTER, 14' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)								\$1,691,355	D-Off	630 HP	2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$169.14	\$9.95	\$179.09	\$86.71	\$9.29	\$0.00	\$0.00	\$200.96	\$296.96	\$476.05				
Severe	\$225.51	\$10.32	\$235.83	\$114.69	\$12.28	\$0.00	\$0.00	\$297.72	\$424.69	\$660.52				
Standby	\$84.57	\$9.95							\$94.52					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30TM014	1475	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)								\$1,638,842	D-Off	630 HP	2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$163.88	\$9.64	\$173.52	\$86.71	\$9.29	\$0.00	\$0.00	\$194.72	\$290.72	\$464.24				
Severe	\$218.51	\$10.00	\$228.51	\$114.69	\$12.28	\$0.00	\$0.00	\$288.48	\$415.45	\$643.96				
Standby	\$81.94	\$9.64							\$91.58					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

TESMEC USA, INC.										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30TM015	1475	TRENCHER, CHAIN TYPE CUTTER, 16' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)								\$1,743,868	D-Off	630 HP	2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$174.39	\$10.26	\$184.65	\$86.71	\$9.29	\$0.00	\$0.00	\$207.20	\$303.20	\$487.85				
Severe	\$232.52	\$10.64	\$243.16	\$114.69	\$12.28	\$0.00	\$0.00	\$306.96	\$433.94	\$677.10				
Standby	\$87.20	\$10.26							\$97.46					

VERMEER MANUFACTURING CO.

VERMEER MANUFACTURING CO.										Value TEV	Engine Horsepower and Fuel Type			CWT
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T30VE008	T 555 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC								\$486,464	D-Off	185 HP	300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$48.65	\$2.86	\$51.51	\$25.46	\$2.73	\$0.00	\$0.00	\$57.80	\$85.99	\$137.50				
Severe	\$64.86	\$2.97	\$67.83	\$33.68	\$3.61	\$0.00	\$0.00	\$85.63	\$122.92	\$190.75				
Standby	\$24.33	\$2.86							\$27.19					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

VERMEER MANUFACTURING CO.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T30VE009	T 655 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC							\$734,180	D-Off	250 HP	500	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$73.42	\$4.32	\$77.74	\$34.41	\$3.69	\$0.00	\$0.00	\$87.23	\$125.33	\$203.07			
Severe	\$97.89	\$4.48	\$102.37	\$45.51	\$4.87	\$0.00	\$0.00	\$129.23	\$179.62	\$281.99			
Standby	\$36.71	\$4.32							\$41.03				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T30VE010	T 755 III	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC							\$658,653	D-Off	275 HP	660	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$65.87	\$3.88	\$69.75	\$37.85	\$4.05	\$0.00	\$0.00	\$78.26	\$120.16	\$189.91			
Severe	\$87.82	\$4.02	\$91.84	\$50.06	\$5.36	\$0.00	\$0.00	\$115.94	\$171.36	\$263.20			
Standby	\$32.94	\$3.88							\$36.82				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T35PZ001	2620	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-32" WIDE, ROUND BUCKET, WHEELED								\$537,575	D-Off	380 HP	500	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$51.88	\$3.16	\$55.04	\$52.30	\$5.60	\$3.25	\$0.44	\$62.09	\$123.68	\$178.72				
Severe	\$69.18	\$3.28	\$72.46	\$69.18	\$7.41	\$9.12	\$1.23	\$91.99	\$178.93	\$251.39				
Standby	\$25.94	\$3.16							\$29.10					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T35PZ002	2720	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-35" WIDE, ROUND BUCKET, WHEELED								\$607,279	D-Off	430 HP	550	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$58.85	\$3.57	\$62.42	\$59.19	\$6.34	\$3.25	\$0.44	\$70.37	\$139.59	\$202.01				
Severe	\$78.47	\$3.71	\$82.18	\$78.28	\$8.38	\$9.12	\$1.23	\$104.26	\$201.27	\$283.45				
Standby	\$29.43	\$3.57							\$33.00					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T35PZ004	2820	TRENCHER, CRAWLER TYPE CUTTER, 108" DEEP X 26"-48" WIDE, ROUND BUCKET, CRAWLER								\$728,396	D-Off	425 HP	820
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$72.84	\$4.29	\$77.13	\$58.50	\$6.27	\$0.00	\$0.00	\$86.55	\$151.31	\$228.44			
Severe	\$97.12	\$4.44	\$101.56	\$77.37	\$8.29	\$0.00	\$0.00	\$128.22	\$213.87	\$315.43			
Standby	\$36.42	\$4.29							\$40.71				

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

ALIVA LTD.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40AV001	808N	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 3.25 TON, 29' BOOM (ADD 21,000 GVW TRUCK & FLATBED)								\$42,033			24
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.20	\$0.25	\$4.45	\$0.00	\$0.25	\$0.00	\$0.00	\$4.35	\$4.60	\$9.05			
Standby	\$2.10	\$0.25							\$2.35				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

ALIVA LTD.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40AV002	815	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 5.6 TON, 33' BOOM (ADD 32,500 GVW TRUCK & FLATBED)	\$51,663			32				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.17	\$0.30	\$5.47	\$0.00	\$0.25	\$0.00	\$0.00	\$5.35	\$5.60	\$11.07
Standby	\$2.59	\$0.30							\$2.89	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40AV003	820	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 9.4 TON, 33' BOOM (ADD 45,000 GVW TRUCK & FLATBED)	\$63,870			32				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.39	\$0.38	\$6.77	\$0.00	\$0.25	\$0.00	\$0.00	\$6.61	\$6.86	\$13.63
Standby	\$3.20	\$0.38							\$3.58	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

PALFINGER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA001	PC 2700	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 2.4 TON, 21' BOOM (ADD 25,000 GVW TRUCK & FLATBED)	\$9,220				9			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.92	\$0.05	\$0.97	\$0.00	\$0.35	\$0.00	\$0.00	\$0.95	\$1.30	\$2.27
Standby	\$0.46	\$0.05							\$0.51	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA002	PK 14002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 6.2 TON, 62' BOOM (ADD 28,000 GVW TRUCK & FLATBED)	\$48,194				40			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.82	\$0.28	\$5.10	\$0.00	\$0.35	\$0.00	\$0.00	\$4.99	\$5.34	\$10.44
Standby	\$2.41	\$0.28							\$2.69	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA004	PK 30002	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 10 TON, 69' BOOM (ADD 52,000 GVW TRUCK & FLATBED)	\$64,471				64			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.45	\$0.38	\$6.83	\$0.00	\$0.40	\$0.00	\$0.00	\$6.67	\$7.07	\$13.90
Standby	\$3.23	\$0.38							\$3.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

PALFINGER INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA005	PK 50002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 12.5 TON, 82' BOOM (ADD 60,000 GVW TRUCK & FLATBED)	\$108,827				107			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.88	\$0.64	\$11.52	\$0.00	\$0.50	\$0.00	\$0.00	\$11.26	\$11.76	\$23.28
Standby	\$5.44	\$0.64							\$6.08	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA006	PK 65002-SH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 22 TON, 82' BOOM (ADD 62,000 GVW TRUCK & FLATBED)	\$135,879				126			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.59	\$0.80	\$14.39	\$0.00	\$0.50	\$0.00	\$0.00	\$14.06	\$14.56	\$28.95
Standby	\$6.80	\$0.80							\$7.60	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T40PA007	PK 22002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 8.3 TON, 70' BOOM (ADD 30,000 GVW TRUCK & FLATBED)	\$60,885				53			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.09	\$0.36	\$6.45	\$0.00	\$0.50	\$0.00	\$0.00	\$6.30	\$6.80	\$13.25
Standby	\$3.05	\$0.36							\$3.41	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.20 DUMP BODY, REAR

OX BODIES

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40OX001	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 10.0 CY, AIR GATE (W/HOIST) (ADD 35,000 GVW TRUCK)								\$14,881			33
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.67	\$0.08	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00	\$1.35	\$1.35	\$3.10			
Severe	\$2.06	\$0.08	\$2.14	\$0.00	\$0.00	\$0.00	\$0.00	\$1.90	\$1.90	\$4.04			
Standby	\$0.84	\$0.08							\$0.92				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40OX002	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 8 CY, AIR GATE (W/HOIST) (ADD 30,000 GVW TRUCK)								\$12,638			21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.42	\$0.07	\$1.49	\$0.00	\$0.00	\$0.00	\$0.00	\$1.14	\$1.14	\$2.63			
Severe	\$1.75	\$0.07	\$1.82	\$0.00	\$0.00	\$0.00	\$0.00	\$1.61	\$1.61	\$3.43			
Standby	\$0.71	\$0.07							\$0.78				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.20 DUMP BODY, REAR

OX BODIES

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40OX003	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 16 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)								\$21,695			35
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.44	\$0.12	\$2.56	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	\$1.96	\$4.52			
Severe	\$3.00	\$0.12	\$3.12	\$0.00	\$0.00	\$0.00	\$0.00	\$2.76	\$2.76	\$5.88			
Standby	\$1.22	\$0.12							\$1.34				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40OX006	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)								\$25,003			40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.81	\$0.14	\$2.95	\$0.00	\$0.00	\$0.00	\$0.00	\$2.26	\$2.26	\$5.21			
Severe	\$3.46	\$0.14	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00	\$3.18	\$3.18	\$6.78			
Standby	\$1.41	\$0.14							\$1.55				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.30 FLATBEDS, WITH SIDES

KNAPHEIDE MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF011	PVMXT-83C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 8'	\$6,487			11				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.65	\$0.04	\$0.69	\$0.00	\$0.00	\$0.00	\$0.00	\$0.50	\$0.50	\$1.19
Standby	\$0.33	\$0.04							\$0.37	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF013	PVMXT-103C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 10'	\$6,916			14				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.69	\$0.04	\$0.73	\$0.00	\$0.00	\$0.00	\$0.00	\$0.54	\$0.54	\$1.27
Standby	\$0.35	\$0.04							\$0.39	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF014	PVMXT-123C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 12'	\$7,804			16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.78	\$0.05	\$0.83	\$0.00	\$0.00	\$0.00	\$0.00	\$0.61	\$0.61	\$1.44
Standby	\$0.39	\$0.05							\$0.44	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.30 FLATBEDS, WITH SIDES

KNAPHEIDE MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF016	PVMXT-163C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 16'	\$9,706			16				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.97	\$0.06	\$1.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.75	\$0.75	\$1.78
Standby	\$0.49	\$0.06							\$0.55	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF018	PVMXT-203C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 20'	\$11,701			18				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.17	\$0.07	\$1.24	\$0.00	\$0.00	\$0.00	\$0.00	\$0.91	\$0.91	\$2.15
Standby	\$0.59	\$0.07							\$0.66	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF020	PVMXT-243	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 24'	\$13,673			20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.37	\$0.08	\$1.45	\$0.00	\$0.00	\$0.00	\$0.00	\$1.06	\$1.06	\$2.51
Standby	\$0.69	\$0.08							\$0.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF021	KH-1416L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 10' TO 14', 7-16 TON	\$4,538			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.45	\$0.03	\$0.48	\$0.00	\$0.10	\$0.00	\$0.00	\$0.41	\$0.51	\$0.99
Standby	\$0.23	\$0.03							\$0.26	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF022	KH-2538L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 20' TO 24', 20-45 TON	\$9,488			15				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.95	\$0.06	\$1.01	\$0.00	\$0.10	\$0.00	\$0.00	\$0.86	\$0.96	\$1.97
Standby	\$0.48	\$0.06							\$0.54	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T40KF023	KH-1416-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 10' TO 14', 7-16 TON	\$4,010			6				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.40	\$0.02	\$0.42	\$0.00	\$0.05	\$0.00	\$0.00	\$0.36	\$0.41	\$0.83
Standby	\$0.20	\$0.02							\$0.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40KF024	KH-1627L-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 15' TO 20', 14-37 TON								\$4,104			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.41	\$0.02	\$0.43	\$0.00	\$0.05	\$0.00	\$0.00	\$0.37	\$0.42	\$0.85			
Standby	\$0.21	\$0.02							\$0.23				

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T40XX036	10CY MIXER	TRANSIT MIXER, 10 CY, HYDROSTATIC, (INCLUDES 66,000 GVW TRUCK)								\$163,096	D-On	410 HP	274
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.03	\$0.93	\$16.96	\$67.49	\$8.26	\$3.54	\$0.48	\$13.82	\$93.59	\$110.55			
Standby	\$8.02	\$0.93							\$8.95				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T40XX037	11CY MIXER	TRANSIT MIXER, 11 CY, HYDROSTATIC, (INCLUDES 70,000 GVW TRUCK)	\$143,420	D-On	410 HP		285			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.94	\$0.82	\$14.76	\$67.49	\$8.26	\$3.54	\$0.48	\$12.04	\$91.81	\$106.57
Standby	\$6.97	\$0.82							\$7.79	

T40 0.70 ALL OTHER OPTIONS

ARROW-MASTER, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T40AG001	1450H	MOBILE HYDRAULIC HAMMER, USED FOR SLAB PULVERIZATION, 1,356 LB HAMMER, WILL PULVERIZE 7,200 SF/HR AT6" THICK; 2,700 SF/HR AT 12" THICK	\$156,026	D-Off	74 HP		96			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.51	\$0.92	\$16.43	\$10.19	\$1.25	\$0.27	\$0.04	\$14.06	\$25.80	\$42.23
Standby	\$7.76	\$0.92							\$8.68	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX001	22CY	TRUCK TRAILER, BOTTOM DUMP, 22CY, 27 TON (ADD TOWING TRUCK)	\$35,272			122				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.62	\$0.19	\$2.81	\$0.00	\$0.40	\$1.40	\$0.19	\$2.16	\$4.15	\$6.96
Severe	\$3.28	\$0.20	\$3.48	\$0.00	\$0.40	\$4.45	\$0.60	\$3.08	\$8.53	\$12.01
Standby	\$1.31	\$0.19							\$1.50	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX003	26CY	TRUCK TRAILER, BOTTOM DUMP, 26CY, 30 TON (ADD TOWING TRUCK)	\$42,417			136				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.06	\$0.23	\$3.29	\$0.00	\$0.40	\$1.93	\$0.26	\$2.52	\$5.12	\$8.41
Severe	\$3.82	\$0.23	\$4.05	\$0.00	\$0.40	\$6.14	\$0.83	\$3.60	\$10.97	\$15.02
Standby	\$1.53	\$0.23							\$1.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45TT001	TK BD22-362	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 36' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)							\$54,033			122
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.31	\$0.29	\$4.60	\$0.00	\$0.30	\$1.40	\$0.19	\$3.51	\$5.40	\$10.00		
Severe	\$5.39	\$0.30	\$5.69	\$0.00	\$0.30	\$4.45	\$0.60	\$5.02	\$10.37	\$16.06		
Standby	\$2.16	\$0.29							\$2.45			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45TT002	TK BD22-402	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)							\$54,910			126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.39	\$0.30	\$4.69	\$0.00	\$0.30	\$1.40	\$0.19	\$3.58	\$5.47	\$10.16		
Severe	\$5.49	\$0.30	\$5.79	\$0.00	\$0.30	\$4.45	\$0.60	\$5.11	\$10.46	\$16.25		
Standby	\$2.20	\$0.30							\$2.50			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T45TT003	TK BD22-403	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	\$61,422				146			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.98	\$0.33	\$5.31	\$0.00	\$0.30	\$1.40	\$0.19	\$4.05	\$5.94	\$11.25
Severe	\$6.22	\$0.34	\$6.56	\$0.00	\$0.30	\$4.45	\$0.60	\$5.79	\$11.13	\$17.69
Standby	\$2.49	\$0.33							\$2.82	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T45TT004	TK BD22-433	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 43' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	\$63,024				149			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.85	\$0.34	\$5.19	\$0.00	\$0.30	\$2.10	\$0.28	\$3.97	\$6.65	\$11.84
Severe	\$6.06	\$0.35	\$6.41	\$0.00	\$0.30	\$6.67	\$0.90	\$5.67	\$13.54	\$19.95
Standby	\$2.43	\$0.34							\$2.77	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

CANCADE

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45C6003	29' TANDEM	TRUCK TRAILER, END DUMP, 25 CY, DOUBLE AXLE, (W/HOIST) (ADD TOWING TRUCK)	\$77,128			150				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.44	\$0.42	\$6.86	\$0.00	\$0.40	\$1.28	\$0.17	\$4.85	\$6.70	\$13.56
Severe	\$8.05	\$0.43	\$8.48	\$0.00	\$0.40	\$4.08	\$0.55	\$6.99	\$12.02	\$20.50
Standby	\$3.22	\$0.42							\$3.64	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45C6004	33' TRIDEM	TRUCK TRAILER, END DUMP, 30 CY, 36 TON, 32' - 3 AXLE (W/HOIST) (ADD TOWING TRUCK)	\$85,428			172				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.93	\$0.46	\$7.39	\$0.00	\$0.40	\$1.93	\$0.26	\$5.24	\$7.82	\$15.21
Severe	\$8.66	\$0.47	\$9.13	\$0.00	\$0.40	\$6.11	\$0.83	\$7.55	\$14.89	\$24.02
Standby	\$3.47	\$0.46							\$3.93	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX008	25CY END DUMP TRLR	TRUCK TRAILER, END DUMP, 25 CY, 30 TON (ADD TOWING TRUCK)								\$74,069			147
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.91	\$0.40	\$6.31	\$0.00	\$0.40	\$1.93	\$0.26	\$4.47	\$7.07	\$13.38			
Severe	\$7.38	\$0.41	\$7.79	\$0.00	\$0.40	\$6.14	\$0.83	\$6.45	\$13.81	\$21.60			
Standby	\$2.96	\$0.40							\$3.36				

TRAIL KING INDUSTRIES, INC.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45TT005	TK60SSD-402	TRUCK TRAILER, SIDE DUMP, 29 CY, 40' - 2 AXLE, W/ TARP (ADD TOWING TRUCK)								\$58,118			143
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.68	\$0.31	\$4.99	\$0.00	\$0.00	\$1.40	\$0.19	\$3.54	\$5.13	\$10.12			
Severe	\$5.85	\$0.32	\$6.17	\$0.00	\$0.00	\$4.45	\$0.60	\$5.10	\$10.15	\$16.32			
Standby	\$2.34	\$0.31							\$2.65				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

TRAIL KING INDUSTRIES, INC.

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45TT007	TK60SSD-433	TRUCK TRAILER, SIDE DUMP, 31 CY, 43' - 3 AXLE, W/ TARP (ADD TOWING TRUCK)								\$65,573			164
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.08	\$0.35	\$5.43	\$0.00	\$0.00	\$2.10	\$0.28	\$3.85	\$6.24	\$11.67			
Severe	\$6.34	\$0.36	\$6.70	\$0.00	\$0.00	\$6.67	\$0.90	\$5.56	\$13.13	\$19.83			
Standby	\$2.54	\$0.35							\$2.89				

T45 0.30 PUP TRAILER

CANCADE

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45C6001	14' PUP	TRUCK TRAILER, PUP TRAILER, 13 CY, 14', DOUBLE AXLE (W/HOIST) (ADD TOWING TRUCK)								\$46,149			100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.50	\$0.26	\$4.76	\$0.00	\$0.40	\$1.40	\$0.19	\$3.15	\$5.14	\$9.90			
Standby	\$2.25	\$0.26							\$2.51				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.30 PUP TRAILER

CANCADE

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45C6002	17' PUP	TRUCK TRAILER, PUP TRAILER, 15 CY, 17', TRIPLE AXLE (W/HOIST) (ADD TOWING TRUCK)								\$50,719			130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.76	\$0.28	\$5.04	\$0.00	\$0.40	\$1.93	\$0.26	\$3.35	\$5.93	\$10.97			
Standby	\$2.38	\$0.28							\$2.66				

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX032	12CY PUP	TRUCK TRAILER, PUP TRAILER, 12 CY, 14.5 TON, 2 AXLE (ADD TOWING TRUCK)								\$53,185			130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.35	\$0.29	\$5.64	\$0.00	\$0.50	\$1.28	\$0.17	\$3.74	\$5.69	\$11.33			
Standby	\$2.68	\$0.29							\$2.97				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

EAGER BEAVER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45EA006	35GSL-BR	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE, DETATCHABLE GOOSENECK (ADD TOWING TRUCK)								\$54,933			171
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.59	\$0.30	\$4.89	\$0.00	\$0.50	\$0.90	\$0.12	\$2.66	\$4.18	\$9.07			
Standby	\$2.30	\$0.30							\$2.60				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45EA007	50GSL-3	TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)								\$67,297			205
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.53	\$0.36	\$5.89	\$0.00	\$0.50	\$1.35	\$0.18	\$3.21	\$5.24	\$11.13			
Standby	\$2.77	\$0.36							\$3.13				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX011	LBY-25	TRUCK TRAILER, LOWBOY, 25 TON, 2 AXLE (ADD TOWING TRUCK)								\$26,235			109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.93	\$0.14	\$2.07	\$0.00	\$0.40	\$1.10	\$0.15	\$1.13	\$2.78	\$4.85			
Standby	\$0.97	\$0.14							\$1.11				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX013	LBY-35	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE (ADD TOWING TRUCK)								\$72,659			135
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.38	\$0.39	\$6.77	\$0.00	\$0.40	\$0.40	\$0.05	\$3.68	\$4.53	\$11.30			
Standby	\$3.19	\$0.39							\$3.58				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX014	52T LOWBOY	TRUCK TRAILER, LOW BOY, 52 TON, 3 AXLE (ADD TOWING TRUCK)								\$42,454			150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.13	\$0.23	\$3.36	\$0.00	\$0.40	\$1.77	\$0.24	\$1.84	\$4.25	\$7.61			
Standby	\$1.57	\$0.23							\$1.80				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX016	LBY-55	TRUCK TRAILER, LOWBOY, 55 TON, 3 AXLE (ADD TOWING TRUCK)								\$42,304			145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.99	\$0.23	\$3.22	\$0.00	\$0.50	\$2.09	\$0.28	\$1.76	\$4.63	\$7.85			
Standby	\$1.50	\$0.23							\$1.73				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX017	LBY-60	TRUCK TRAILER, LOWBOY, 60 TON, 4 AXLE (ADD TOWING TRUCK)								\$77,312			175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.03	\$0.42	\$6.45	\$0.00	\$0.50	\$2.36	\$0.32	\$3.52	\$6.70	\$13.15			
Standby	\$3.02	\$0.42							\$3.44				
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
T45XX018	LBY-65	TRUCK TRAILER, LOWBOY, 65 TON, 5 AXLE (ADD TOWING TRUCK)								\$217,765			213
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.44	\$1.17	\$19.61	\$0.00	\$0.50	\$2.95	\$0.40	\$10.67	\$14.51	\$34.12			
Standby	\$9.22	\$1.17							\$10.39				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
T45XX020	70T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 70 TON, 8 AXLE (ADD TOWING TRUCK)			\$303,814					268
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.49	\$1.64	\$27.13	\$0.00	\$0.60	\$4.72	\$0.64	\$14.76	\$20.71	\$47.84
Standby	\$12.75	\$1.64							\$14.39	

SourceTag	Model	Equipment Description			Value TEV	Engine Horsepower and Fuel Type				CWT
					7/1/2019	Main	Carrier			
T45XX023	120T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 120 TON, 10 AXLE (ADD TOWING TRUCK)			\$467,316					350
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.74	\$2.52	\$42.26	\$0.00	\$0.60	\$5.90	\$0.80	\$22.98	\$30.27	\$72.53
Standby	\$19.87	\$2.52							\$22.39	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX025	25T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 25 TON, 2 AXLE (ADD TOWING TRUCK)	\$31,069			110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.58	\$0.17	\$2.75	\$0.00	\$0.10	\$0.55	\$0.07	\$1.50	\$2.22	\$4.97
Standby	\$1.29	\$0.17							\$1.46	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX035	40T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 40 TON, 2 AXLE (ADD TOWING TRUCK)	\$35,008			110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.74	\$0.19	\$2.93	\$0.00	\$0.40	\$1.05	\$0.14	\$1.60	\$3.19	\$6.12
Standby	\$1.37	\$0.19							\$1.56	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45TT008	TK80HT	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, HYDRAULIC TAIL/RAMP (ADD TOWING TRUCK)	\$88,492			110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.63	\$0.48	\$8.11	\$0.00	\$0.00	\$0.85	\$0.11	\$4.41	\$5.37	\$13.48
Standby	\$3.82	\$0.48							\$4.30	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45TT009	TK80SA	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, SLIDING AXLE TILT FUNCTION (ADD TOWING TRUCK)	\$101,334			110				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.79	\$0.55	\$9.34	\$0.00	\$0.00	\$0.85	\$0.11	\$5.07	\$6.03	\$15.37
Standby	\$4.40	\$0.55							\$4.95	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX026	10T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 10 TON, 2 AXLE (ADD TOWING TRUCK)	\$15,382			30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.23	\$0.08	\$1.31	\$0.00	\$0.40	\$0.39	\$0.05	\$0.72	\$1.56	\$2.87
Standby	\$0.62	\$0.08							\$0.70	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX027	15T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 15 TON, 2 AXLE (ADD TOWING TRUCK)	\$19,259			30				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.52	\$0.10	\$1.62	\$0.00	\$0.40	\$0.55	\$0.07	\$0.88	\$1.91	\$3.53
Standby	\$0.76	\$0.10							\$0.86	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type		CWT				
			7/1/2019	Main	Carrier					
T45XX028	20T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT RAMPS, WOOD DECK, 20 TON, 2 AXLE (ADD TOWING TRUCK)	\$21,853			40				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.75	\$0.12	\$1.87	\$0.00	\$0.40	\$0.55	\$0.07	\$1.02	\$2.04	\$3.91
Standby	\$0.88	\$0.12							\$1.00	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
T45XX036	7T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 7 TON CAPACITY (ADD TOWING TRUCK)	\$6,260			20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.50	\$0.03	\$0.53	\$0.00	\$0.00	\$0.16	\$0.02	\$0.29	\$0.48	\$1.01
Standby	\$0.25	\$0.03							\$0.28	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type		CWT				
				Main	Carrier					
T45XX037	8T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 8 TON CAPACITY (ADD TOWING TRUCK)	\$6,740			20				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.53	\$0.04	\$0.57	\$0.00	\$0.00	\$0.18	\$0.02	\$0.31	\$0.52	\$1.09
Standby	\$0.27	\$0.04							\$0.31	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T45XX029	4K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 4,000 GAL (ADD TOWING TRUCK)	\$76,436				170			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.18	\$0.45	\$5.63	\$0.00	\$0.00	\$1.40	\$0.19	\$4.40	\$5.99	\$11.62
Standby	\$2.59	\$0.45							\$3.04	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type		CWT			
			7/1/2019		Main	Carrier				
T45XX030	5K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 5,000 GAL (ADD TOWING TRUCK)	\$79,586				240			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.42	\$0.47	\$5.89	\$0.00	\$0.00	\$1.40	\$0.19	\$4.60	\$6.19	\$12.08
Standby	\$2.71	\$0.47							\$3.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T45XX031	6K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 6,000 GAL (ADD TOWING TRUCK)	\$81,101				250			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.53	\$0.48	\$6.01	\$0.00	\$0.00	\$1.40	\$0.19	\$4.69	\$6.28	\$12.29
Standby	\$2.77	\$0.48							\$3.25	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T45XX038	WT5C	TRUCK TRAILER, WATER TANKER, 525 GAL W/ GAS POWERED PUMP, 158 GPM (ADD TOWING TRUCK)	\$11,110	Gas	4	HP	15			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.78	\$0.07	\$0.85	\$0.91	\$0.10	\$0.13	\$0.02	\$0.66	\$1.81	\$2.66
Standby	\$0.39	\$0.07							\$0.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T45XX039	1025 GAL	TRUCK TRAILER, WATER TANKER, 1025 GAL TANK, 25' X 1-1/2" FIRE HOSE & NOZZLE		\$9,788	Gas	4	HP	22		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.69	\$0.06	\$0.75	\$0.91	\$0.10	\$0.12	\$0.02	\$0.58	\$1.72	\$2.47
Standby	\$0.35	\$0.06							\$0.41	

T45 0.90 TANK TRAILERS

GRACO, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T45G1001	REACTOR 2H-40	FOAM SPRAY RIG, UP TO 40 LB/MIN, 40KW GENERATOR & 200 CFM COMPRESSOR INCLUDED, MOUNTED WITHIN ENCLOSED TRAILER		\$83,373	D-On	54	HP	80		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.20	\$0.50	\$6.70	\$8.89	\$0.82	\$0.13	\$0.02	\$6.00	\$15.85	\$22.55
Standby	\$3.10	\$0.50							\$3.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.90 TANK TRAILERS

GRACO, INC.										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
T45G1002	REACTOR 2E-30	FOAM SPRAY RIG, UP TO 30 LB/MIN, 30 KW GENERATOR & 60 CFM COMPRESSOR INCLUDED, MOUNTED WITHIN ENCLOSED TRAILER	7/1/2019		D-On 40 HP					80
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.25	\$0.42	\$5.67	\$6.58	\$0.60	\$0.13	\$0.02	\$5.08	\$12.41	\$18.08
Standby	\$2.63	\$0.42							\$3.05	

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

GENERAL MOTORS										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			Carrier		CWT
T50GM001	SILVERADO 1500	TRUCK, HIGHWAY, 6,500 GVW, 4X2	7/1/2019		Gas 310 HP					52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.71	\$0.23	\$3.94	\$16.80	\$1.80	\$0.64	\$0.09	\$3.22	\$22.55	\$26.49
Severe	\$4.95	\$0.24	\$5.19	\$21.59	\$2.31	\$1.77	\$0.24	\$4.60	\$30.51	\$35.70
Standby	\$1.86	\$0.23							\$2.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

GENERAL MOTORS

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50GM004	SUBURBAN 2500	TRUCK, HIGHWAY, 8,600 GVW, 4X2 (SUBURBAN)								\$49,463	Gas	355 HP	60	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.62	\$0.29	\$4.91	\$19.23	\$2.06	\$0.77	\$0.10	\$4.01	\$26.18	\$31.09				
Severe	\$6.16	\$0.30	\$6.46	\$24.73	\$2.65	\$2.13	\$0.29	\$5.73	\$35.53	\$41.99				
Standby	\$2.31	\$0.29							\$2.60					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50GM005	SUBURBAN 2500	TRUCK, HIGHWAY, 8,600 GVW, 4X4 (SUBURBAN)								\$58,461	Gas	355 HP	60	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.52	\$0.34	\$5.86	\$19.23	\$2.06	\$0.82	\$0.11	\$4.78	\$27.00	\$32.86				
Severe	\$7.36	\$0.36	\$7.72	\$24.73	\$2.65	\$2.41	\$0.33	\$6.83	\$36.94	\$44.66				
Standby	\$2.76	\$0.34							\$3.10					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX001	4X2 1/2 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X2							\$26,131	Gas	290	HP	43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.53	\$0.15	\$2.68	\$15.71	\$1.68	\$0.19	\$0.03	\$2.18	\$19.79	\$22.47			
Severe	\$3.38	\$0.16	\$3.54	\$20.20	\$2.16	\$0.53	\$0.07	\$3.11	\$26.08	\$29.62			
Standby	\$1.27	\$0.15							\$1.42				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX002	4X2 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2							\$34,449	Gas	385	HP	60
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.36	\$0.20	\$3.56	\$20.86	\$2.23	\$0.19	\$0.03	\$2.89	\$26.20	\$29.76			
Severe	\$4.49	\$0.21	\$4.70	\$26.82	\$2.87	\$0.53	\$0.07	\$4.13	\$34.42	\$39.12			
Standby	\$1.68	\$0.20							\$1.88				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX003	4X2 1 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X2							\$36,765	Gas	385	HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.60	\$0.22	\$3.82	\$20.86	\$2.23	\$0.19	\$0.03	\$3.09	\$26.40	\$30.22			
Severe	\$4.79	\$0.22	\$5.01	\$26.82	\$2.87	\$0.53	\$0.07	\$4.41	\$34.71	\$39.72			
Standby	\$1.80	\$0.22							\$2.02				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX004	4X4 1/2 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X4							\$31,783	Gas	325	HP	45
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.10	\$0.19	\$3.29	\$17.61	\$1.89	\$0.20	\$0.03	\$2.66	\$22.39	\$25.68			
Severe	\$4.13	\$0.19	\$4.32	\$22.64	\$2.42	\$0.60	\$0.08	\$3.81	\$29.55	\$33.87			
Standby	\$1.55	\$0.19							\$1.74				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX005	4X4 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4							\$36,722	Gas	385	HP	64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.59	\$0.22	\$3.81	\$20.86	\$2.23	\$0.20	\$0.03	\$3.09	\$26.41	\$30.22			
Severe	\$4.79	\$0.22	\$5.01	\$26.82	\$2.87	\$0.60	\$0.08	\$4.41	\$34.78	\$39.79			
Standby	\$1.80	\$0.22							\$2.02				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX006	4X4 1 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4							\$39,511	Gas	385	HP	65
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.87	\$0.23	\$4.10	\$20.86	\$2.23	\$0.20	\$0.03	\$3.33	\$26.65	\$30.75			
Severe	\$5.16	\$0.24	\$5.40	\$26.82	\$2.87	\$0.60	\$0.08	\$4.75	\$35.12	\$40.52			
Standby	\$1.94	\$0.23							\$2.17				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX007	4X2 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X2							\$35,569	Gas	325	HP	47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.48	\$0.21	\$3.69	\$17.61	\$1.89	\$0.19	\$0.03	\$2.99	\$22.70	\$26.39			
Severe	\$4.64	\$0.22	\$4.86	\$22.64	\$2.42	\$0.53	\$0.07	\$4.27	\$29.93	\$34.79			
Standby	\$1.74	\$0.21							\$1.95				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX008	4X2 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2							\$37,915	Gas	385	HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.71	\$0.22	\$3.93	\$20.86	\$2.23	\$0.19	\$0.03	\$3.19	\$26.50	\$30.43			
Severe	\$4.95	\$0.23	\$5.18	\$26.82	\$2.87	\$0.53	\$0.07	\$4.55	\$34.85	\$40.03			
Standby	\$1.86	\$0.22							\$2.08				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX009	4X2 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2							\$40,798	Gas	385	HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.00	\$0.24	\$4.24	\$20.86	\$2.23	\$0.19	\$0.03	\$3.44	\$26.75	\$30.99			
Severe	\$5.33	\$0.25	\$5.58	\$26.82	\$2.87	\$0.53	\$0.07	\$4.91	\$35.20	\$40.78			
Standby	\$2.00	\$0.24							\$2.24				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX010	4X4 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X4							\$38,356	Gas	355	HP	50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.73	\$0.23	\$3.96	\$19.23	\$2.06	\$0.28	\$0.04	\$3.21	\$24.81	\$28.77			
Severe	\$4.97	\$0.23	\$5.20	\$24.73	\$2.65	\$0.82	\$0.11	\$4.58	\$32.89	\$38.09			
Standby	\$1.87	\$0.23							\$2.10				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
T50XX011	4X4 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X4								\$39,551	Gas	385	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.87	\$0.23	\$4.10	\$20.86	\$2.23	\$0.20	\$0.03	\$3.33	\$26.65	\$30.75				
Severe	\$5.17	\$0.24	\$5.41	\$26.82	\$2.87	\$0.60	\$0.08	\$4.75	\$35.12	\$40.53				
Standby	\$1.94	\$0.23							\$2.17					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier		CWT
T50XX012	4X4 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X4								\$55,649	Gas	385	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.48	\$0.33	\$5.81	\$20.86	\$2.23	\$0.20	\$0.03	\$4.71	\$28.03	\$33.84				
Severe	\$7.31	\$0.34	\$7.65	\$26.82	\$2.87	\$0.60	\$0.08	\$6.72	\$37.09	\$44.74				
Standby	\$2.74	\$0.33							\$3.07					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T50XX014	4X2 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2							\$45,727	D-On	475 HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.49	\$0.27	\$4.76	\$17.66	\$1.62	\$0.19	\$0.03	\$3.86	\$23.36	\$28.12		
Severe	\$5.99	\$0.28	\$6.27	\$25.22	\$2.32	\$0.53	\$0.07	\$5.51	\$33.64	\$39.91		
Standby	\$2.25	\$0.27							\$2.52			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T50XX015	4X2 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X2							\$46,781	D-On	475 HP	67
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.57	\$0.28	\$4.85	\$17.66	\$1.62	\$0.26	\$0.04	\$3.93	\$23.51	\$28.36		
Severe	\$6.09	\$0.29	\$6.38	\$25.22	\$2.32	\$0.72	\$0.10	\$5.61	\$33.96	\$40.34		
Standby	\$2.29	\$0.28							\$2.57			

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
T50XX017	4X4 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4								\$48,664	D-On	475	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.79	\$0.29	\$5.08	\$17.66	\$1.62	\$0.20	\$0.03	\$4.11	\$23.62	\$28.70				
Severe	\$6.38	\$0.30	\$6.68	\$25.22	\$2.32	\$0.60	\$0.08	\$5.87	\$34.08	\$40.76				
Standby	\$2.40	\$0.29							\$2.69					

SourceTag	Model	Equipment Description								Value TEV	Engine Horsepower and Fuel Type			CWT
										7/1/2019	Main	Carrier		
T50XX018	4X4 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4								\$48,894	D-On	475	HP	71
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.72	\$0.29	\$5.01	\$17.66	\$1.62	\$0.42	\$0.06	\$4.07	\$23.83	\$28.84				
Severe	\$6.30	\$0.30	\$6.60	\$25.22	\$2.32	\$1.24	\$0.17	\$5.81	\$34.75	\$41.35				
Standby	\$2.36	\$0.29							\$2.65					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T50XX019	4X2 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2							\$48,125	D-On	475 HP	73	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.73	\$0.28	\$5.01	\$17.66	\$1.62	\$0.19	\$0.03	\$4.06	\$23.56	\$28.57			
Severe	\$6.31	\$0.29	\$6.60	\$25.22	\$2.32	\$0.53	\$0.07	\$5.80	\$33.94	\$40.54			
Standby	\$2.37	\$0.28							\$2.65				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T50XX020	4X4 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP 4X4							\$48,784	D-On	475 HP	77	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.80	\$0.29	\$5.09	\$17.66	\$1.62	\$0.20	\$0.03	\$4.12	\$23.63	\$28.72			
Severe	\$6.40	\$0.30	\$6.70	\$25.22	\$2.32	\$0.60	\$0.08	\$5.88	\$34.10	\$40.80			
Standby	\$2.40	\$0.29							\$2.69				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T50XX021	4X2 1 TON CREW DSL	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2							\$47,166	D-On	475 HP	74	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.55	\$0.28	\$4.83	\$17.66	\$1.62	\$0.40	\$0.05	\$3.92	\$23.65	\$28.48			
Severe	\$6.07	\$0.29	\$6.36	\$25.22	\$2.32	\$1.10	\$0.15	\$5.60	\$34.38	\$40.74			
Standby	\$2.28	\$0.28							\$2.56				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T50XX066	TRANSIT CARGO	TOOL/CARGO VAN							\$41,052	Gas	275 HP	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.76	\$0.24	\$4.00	\$14.90	\$1.60	\$0.82	\$0.11	\$3.28	\$20.70	\$24.70			
Severe	\$5.01	\$0.25	\$5.26	\$19.16	\$2.05	\$2.26	\$0.31	\$4.68	\$28.46	\$33.72			
Standby	\$1.88	\$0.24							\$2.12				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX022	4X2 16KGVW GAS	TRUCK, HIGHWAY, 16,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)								\$31,712	Gas	350 HP	88	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.12	\$0.18	\$2.30	\$43.34	\$4.95	\$1.25	\$0.17	\$1.75	\$51.47	\$53.77				
Severe	\$2.65	\$0.19	\$2.84	\$55.53	\$6.35	\$3.54	\$0.48	\$2.36	\$68.25	\$71.09				
Standby	\$1.06	\$0.18							\$1.24					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX023	4X2 20KGVW DSL	TRUCK, HIGHWAY, 19,500 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)								\$56,035	D-On	360 HP	70	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.28	\$0.32	\$4.60	\$32.50	\$3.22	\$0.63	\$0.09	\$3.43	\$39.87	\$44.47				
Severe	\$5.35	\$0.33	\$5.68	\$42.06	\$4.16	\$1.86	\$0.25	\$4.62	\$52.96	\$58.64				
Standby	\$2.14	\$0.32							\$2.46					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX024	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)								\$59,690	D-On	350 HP	72	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.56	\$0.34	\$4.90	\$31.59	\$3.13	\$0.65	\$0.09	\$3.66	\$39.12	\$44.02				
Severe	\$5.70	\$0.35	\$6.05	\$40.89	\$4.05	\$1.85	\$0.25	\$4.92	\$51.96	\$58.01				
Standby	\$2.28	\$0.34							\$2.62					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX032	4X2 28KGVW DSL	DUMP TRUCK, HIGHWAY, 32,000 LBS GVW, 2 AXLE, 4X2 WITH REAR 7 CY DUMP BODY								\$89,749	D-On	286 HP	160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.77	\$0.52	\$7.29	\$25.82	\$2.56	\$1.25	\$0.17	\$5.44	\$35.24	\$42.53				
Severe	\$8.46	\$0.53	\$8.99	\$33.41	\$3.31	\$3.54	\$0.48	\$7.32	\$48.06	\$57.05				
Standby	\$3.39	\$0.52							\$3.91					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX035	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2, WITH KNAPHEIDE CRANE, 5 TON, 22' BOOM, WITH TOOL BOX REAR								\$160,613	D-On	300 HP	170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.44	\$0.92	\$13.36	\$27.08	\$2.68	\$1.25	\$0.17	\$9.94	\$41.13	\$54.49				
Severe	\$15.54	\$0.95	\$16.49	\$35.05	\$3.47	\$3.54	\$0.48	\$13.39	\$55.92	\$72.41				
Standby	\$6.22	\$0.92							\$7.14					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX063	F550 TOOL TRUCK	TRUCK, HIGHWAY, 16,000 LB GVW, 2 AXLE, 4X4 WITH LADDER RACK AND UTILITY TOOLBOXES, 7500 LB CRANE								\$118,450	D-On	330 HP	160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.06	\$0.68	\$9.74	\$29.79	\$2.95	\$1.25	\$0.17	\$7.26	\$41.43	\$51.17				
Severe	\$11.33	\$0.70	\$12.03	\$38.55	\$3.82	\$3.54	\$0.48	\$9.78	\$56.16	\$68.19				
Standby	\$4.53	\$0.68							\$5.21					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX065	RAM 5500 WITH DUMP	TRUCK, HIGHWAY, 19,500 GVW, 2 AXLE, 4X4 WITH DUMP BED								\$72,848	D-On	400 HP	195	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.41	\$0.42	\$5.83	\$36.11	\$3.57	\$1.25	\$0.17	\$4.37	\$45.48	\$51.31				
Severe	\$6.77	\$0.43	\$7.20	\$46.73	\$4.63	\$3.54	\$0.48	\$5.88	\$61.25	\$68.45				
Standby	\$2.71	\$0.42							\$3.13					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX067	2.5K WATER TRUCK	ON HIGHWAY WATER TRUCK, 2,500 GALLONS, 4X2								\$92,626	D-On	325 HP	160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.00	\$0.53	\$7.53	\$29.34	\$2.90	\$1.25	\$0.17	\$5.62	\$39.29	\$46.82				
Severe	\$8.75	\$0.55	\$9.30	\$37.97	\$3.76	\$3.54	\$0.48	\$7.57	\$53.32	\$62.62				
Standby	\$3.50	\$0.53							\$4.03					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX068	2K WATER TRUCK	ON HIGHWAY WATER TRUCK, 2,000 GALLONS, 4X2								\$83,755	D-On	260 HP	155	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.01	\$0.48	\$6.49	\$23.47	\$2.32	\$2.12	\$0.29	\$4.89	\$33.09	\$39.58				
Severe	\$7.51	\$0.49	\$8.00	\$30.37	\$3.01	\$6.10	\$0.82	\$6.58	\$46.87	\$54.87				
Standby	\$3.01	\$0.48							\$3.49					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX102	BOX TRUCK	TRUCK, HIGHWAY, 33,000 LBS GVW, 2 AXEL, 4X2, 26' BOX TRUCK WITH 4,000 LB LIFT GATE								\$105,330	D-On	300 HP	170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.01	\$0.61	\$8.62	\$27.08	\$2.68	\$1.25	\$0.17	\$6.43	\$37.62	\$46.24				
Severe	\$10.02	\$0.62	\$10.64	\$35.05	\$3.47	\$3.54	\$0.48	\$8.66	\$51.20	\$61.84				
Standby	\$4.01	\$0.61							\$4.62					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T50XX104	FUEL TRUCK	TRUCK, HIGHWAY, FUEL TRUCK 2,000 GALLON, 4X2	\$143,982	D-On	300 HP		155			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.11	\$0.83	\$11.94	\$27.08	\$2.68	\$1.25	\$0.17	\$8.89	\$40.07	\$52.01
Severe	\$13.88	\$0.85	\$14.73	\$35.05	\$3.47	\$3.54	\$0.48	\$11.96	\$54.50	\$69.23
Standby	\$5.56	\$0.83							\$6.39	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T50XX105	ASPHALT TRUCK	TRUCK, HIGHWAY, ASPHALT, 2,000 GALLON, 4X2 WITH 12' SPRAY BAR	\$159,263	D-On	260 HP		155			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.33	\$0.92	\$13.25	\$23.47	\$2.32	\$1.25	\$0.17	\$9.86	\$37.08	\$50.33
Severe	\$15.41	\$0.94	\$16.35	\$30.37	\$3.01	\$3.54	\$0.48	\$13.27	\$50.67	\$67.02
Standby	\$6.17	\$0.92							\$7.09	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.02 OVER 10,000 THRU 30,000 GVW (Chassis only -Add optio

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T50XX107	ROLLBACK	TRUCK, HIGHWAY, ROLLBACK, 25' L BED	\$119,741	D-On	330 HP	150				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.17	\$0.69	\$9.86	\$29.79	\$2.95	\$1.25	\$0.17	\$7.35	\$41.51	\$51.37
Severe	\$11.46	\$0.70	\$12.16	\$38.55	\$3.82	\$3.54	\$0.48	\$9.89	\$56.27	\$68.43
Standby	\$4.59	\$0.69							\$5.28	

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T50XX027	4X2 37KGVW DSL	TRUCK, HIGHWAY, 37,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	\$62,211	D-On	260 HP	126				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.80	\$0.35	\$4.15	\$33.13	\$3.55	\$1.25	\$0.17	\$3.08	\$41.18	\$45.33
Severe	\$4.56	\$0.36	\$4.92	\$42.80	\$4.58	\$3.54	\$0.48	\$4.26	\$55.66	\$60.58
Standby	\$1.90	\$0.35							\$2.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX028	6X4 55KGVW DSL	TRUCK, HIGHWAY, 45,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)								\$144,434	D-On	500 HP	200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.06	\$0.82	\$9.88	\$63.72	\$6.82	\$2.12	\$0.29	\$7.28	\$80.24	\$90.12				
Severe	\$10.87	\$0.83	\$11.70	\$82.31	\$8.82	\$6.10	\$0.82	\$10.09	\$108.13	\$119.83				
Standby	\$4.53	\$0.82							\$5.35					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX029	6X4 52KGVW DSL	TRUCK, HIGHWAY, 52,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)								\$145,504	D-On	475 HP	250	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.13	\$0.82	\$9.95	\$60.53	\$6.48	\$2.12	\$0.29	\$7.34	\$76.76	\$86.71				
Severe	\$10.95	\$0.84	\$11.79	\$78.19	\$8.37	\$6.10	\$0.82	\$10.16	\$103.65	\$115.44				
Standby	\$4.57	\$0.82							\$5.39					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX031	6X4 75KGVW DSL	TRUCK, HIGHWAY, 75,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)								\$147,040	D-On	605 HP	197	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.11	\$0.83	\$9.94	\$77.10	\$8.26	\$2.55	\$0.34	\$7.35	\$95.61	\$105.55				
Severe	\$10.94	\$0.85	\$11.79	\$99.59	\$10.67	\$7.38	\$1.00	\$10.18	\$128.80	\$140.59				
Standby	\$4.56	\$0.83							\$5.39					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX034	8X4 75KGVW DSL	DUMP TRUCK, HIGHWAY, 75KGVW, 4 AXLES (1 RETRACTABLE), WITH REAR 16 CY - 18 CY DUMP BODY								\$170,151	D-On	460 HP	300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$10.61	\$0.96	\$11.57	\$58.62	\$6.28	\$2.61	\$0.35	\$8.55	\$76.41	\$87.98				
Severe	\$12.74	\$0.98	\$13.72	\$75.72	\$8.11	\$7.36	\$0.99	\$11.83	\$104.02	\$117.74				
Standby	\$5.31	\$0.96							\$6.27					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T50XX036	10X4	DUMP TRUCK, HIGHWAY, 75KGVW, 5 AXLES (2 RETRACTABLE), WITH 75KGVW DSL REAR 16 CY - 18 CY DUMP BODY	\$174,042	D-On	370	HP	320			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.82	\$0.99	\$11.81	\$47.15	\$5.05	\$2.76	\$0.37	\$8.72	\$64.05	\$75.86
Severe	\$12.98	\$1.00	\$13.98	\$60.91	\$6.52	\$7.70	\$1.04	\$12.07	\$88.24	\$102.22
Standby	\$5.41	\$0.99							\$6.40	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T50XX037	12X4	DUMP TRUCK, HIGHWAY, 80KGVW, 6 AXLES (3 RETRACTABLE), WITH 80KGVW DSL REAR 18 CY - 20 CY DUMP BODY	\$185,122	D-On	495	HP	280			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.45	\$1.05	\$12.50	\$63.08	\$6.76	\$3.08	\$0.42	\$9.24	\$82.57	\$95.07
Severe	\$13.74	\$1.07	\$14.81	\$81.48	\$8.73	\$8.53	\$1.15	\$12.79	\$112.68	\$127.49
Standby	\$5.73	\$1.05							\$6.78	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX100	6X4 52KGVW DSL	TRUCK, HIGHWAY, 52,000 LBS GVW, 3 AXLE, DAY CAB, 6X4 (CHASSIS ONLY-ADD OPTIONS)								\$133,198	D-On	500 HP	200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.31	\$0.76	\$9.07	\$63.72	\$6.82	\$2.12	\$0.29	\$6.69	\$79.64	\$88.71				
Severe	\$9.97	\$0.77	\$10.74	\$82.31	\$8.82	\$6.10	\$0.82	\$9.26	\$107.31	\$118.05				
Standby	\$4.16	\$0.76							\$4.92					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T50XX106	4K GAL WATER TRUCK	TRUCK, HIGHWAY, WATER TRUCK, 4,000 GALLON, 4X2								\$124,566	D-On	300 HP	170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.73	\$0.71	\$8.44	\$38.23	\$4.09	\$2.12	\$0.29	\$6.23	\$50.96	\$59.40				
Severe	\$9.28	\$0.72	\$10.00	\$49.38	\$5.29	\$6.10	\$0.82	\$8.63	\$70.22	\$80.22				
Standby	\$3.87	\$0.71							\$4.58					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA002	772G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 40.8 CY HEAPED, 52 TON, 4X4, REAR DUMP	\$881,543	D-Off 605	HP		769			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.00	\$4.80	\$58.80	\$45.67	\$5.92	\$20.58	\$2.78	\$58.93	\$133.88	\$192.68
Severe	\$58.51	\$4.83	\$63.34	\$59.10	\$7.66	\$64.47	\$8.70	\$67.39	\$207.32	\$270.66
Standby	\$27.00	\$4.80							\$31.80	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA003	777G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.6 CY, 100 TON, 4X4, REAR DUMP	\$1,478,631	D-Off 938	HP		1419			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$89.21	\$8.05	\$97.26	\$70.80	\$9.18	\$39.64	\$5.35	\$97.58	\$222.55	\$319.81
Severe	\$96.65	\$8.10	\$104.75	\$91.62	\$11.87	\$124.15	\$16.76	\$111.59	\$356.00	\$460.75
Standby	\$44.61	\$8.05							\$52.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA007	770G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 32.9 CY HEAPED, 42 TON, 4X4, REAR DUMP	\$700,592	D-Off	515 HP		732			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.60	\$3.81	\$46.41	\$38.87	\$5.04	\$17.03	\$2.30	\$46.54	\$109.78	\$156.19
Severe	\$46.15	\$3.84	\$49.99	\$50.31	\$6.52	\$53.34	\$7.20	\$53.22	\$170.59	\$220.58
Standby	\$21.30	\$3.81							\$25.11	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA031	773G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 46.8 CY, 67.8 TON, 4X4, REAR DUMP	\$970,524	D-Off	825 HP		1113			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.99	\$5.28	\$61.27	\$62.27	\$8.07	\$39.64	\$5.35	\$61.70	\$177.03	\$238.30
Severe	\$60.66	\$5.32	\$65.98	\$80.59	\$10.44	\$124.15	\$16.76	\$70.55	\$302.50	\$368.48
Standby	\$28.00	\$5.28							\$33.28	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T55KM009	HD325-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 31.4 CY, 44 TON, 4X4, REAR DUMP	\$852,645		D-Off	518 HP	1547			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.54	\$4.64	\$57.18	\$39.10	\$5.07	\$17.79	\$2.40	\$57.28	\$121.64	\$178.82
Severe	\$56.92	\$4.67	\$61.59	\$50.60	\$6.56	\$57.61	\$7.78	\$65.50	\$188.05	\$249.64
Standby	\$26.27	\$4.64							\$30.91	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T55KM012	HD785-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.5 CY, 100 TON, 4X4, REAR DUMP	\$1,477,018		D-Off	1200 HP	3660			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$89.11	\$8.04	\$97.15	\$90.58	\$11.74	\$41.41	\$5.59	\$97.47	\$246.79	\$343.94
Severe	\$96.53	\$8.09	\$104.62	\$117.22	\$15.19	\$134.08	\$18.10	\$111.46	\$396.06	\$500.68
Standby	\$44.56	\$8.04							\$52.60	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T55KM014	730E	TRUCK, OFF-HIGHWAY, RIGID FRAME, 145 CY, 205 TON, 4X4, REAR DUMP	\$2,512,688	D-Off 2000 HP		7150				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$145.38	\$13.67	\$159.05	\$150.96	\$19.56	\$104.91	\$14.16	\$160.11	\$449.71	\$608.76
Severe	\$157.49	\$13.76	\$171.25	\$195.36	\$25.32	\$339.72	\$45.86	\$183.09	\$789.35	\$960.60
Standby	\$72.69	\$13.67							\$86.36	

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T55CA001	725C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 19.6 CY, 26.5 TON, 6X6, REAR DUMP	\$464,585	D-Off 320 HP		508				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.30	\$2.60	\$41.90	\$34.10	\$2.46	\$9.80	\$1.32	\$38.06	\$85.75	\$127.65
Severe	\$41.48	\$2.62	\$44.10	\$41.20	\$2.97	\$31.75	\$4.29	\$42.69	\$122.89	\$166.99
Standby	\$19.65	\$2.60							\$22.25	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA004	730C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 23 CY, 31 TON, 6X6, REAR DUMP	\$526,258	D-Off	375 HP		518			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.82	\$2.95	\$47.77	\$39.96	\$2.88	\$9.80	\$1.32	\$43.36	\$97.33	\$145.10
Severe	\$47.31	\$2.96	\$50.27	\$48.29	\$3.48	\$31.75	\$4.29	\$48.63	\$136.43	\$186.70
Standby	\$22.41	\$2.95							\$25.36	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55CA005	735	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY HEAPED, 36 TON, 6X6, REAR DUMP	\$655,369	D-Off	435 HP		692			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.32	\$3.67	\$57.99	\$46.35	\$3.34	\$18.65	\$2.52	\$52.78	\$123.64	\$181.63
Severe	\$57.34	\$3.69	\$61.03	\$56.01	\$4.03	\$60.40	\$8.15	\$59.20	\$187.80	\$248.83
Standby	\$27.16	\$3.67							\$30.83	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T55CA006	740GC	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY HEAPED, 40 TON, 6X6, REAR DUMP								\$740,395	D-Off	449 HP	705	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$61.93	\$4.14	\$66.07	\$47.85	\$3.45	\$18.65	\$2.52	\$60.09	\$132.56	\$198.63				
Severe	\$65.37	\$4.17	\$69.54	\$57.81	\$4.16	\$60.40	\$8.15	\$67.39	\$197.92	\$267.46				
Standby	\$30.97	\$4.14							\$35.11					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T55CA008	745	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.7 CY, 45.2 TON, 6X6, REAR DUMP								\$754,800	D-Off	511 HP	727	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$63.22	\$4.23	\$67.45	\$54.45	\$3.92	\$18.65	\$2.52	\$61.33	\$140.87	\$208.32				
Severe	\$66.73	\$4.25	\$70.98	\$65.80	\$4.74	\$60.40	\$8.15	\$68.78	\$207.88	\$278.86				
Standby	\$31.61	\$4.23							\$35.84					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T55JD001	260E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 19.6 CY, 26.7 TON, 6X6, REAR DUMP							\$443,673	D-Off	231 HP	496	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$38.20	\$2.48	\$40.68	\$24.62	\$1.77	\$6.20	\$0.84	\$36.90	\$70.32	\$111.00			
Severe	\$40.32	\$2.50	\$42.82	\$29.74	\$2.14	\$19.42	\$2.62	\$41.38	\$95.30	\$138.12			
Standby	\$19.10	\$2.48							\$21.58				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T55JD002	310E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.9 CY, 31.0 TON, 6X6, REAR DUMP							\$499,298	D-Off	354 HP	504	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$43.18	\$2.79	\$45.97	\$37.72	\$2.72	\$6.20	\$0.84	\$41.67	\$89.15	\$135.12			
Severe	\$45.58	\$2.81	\$48.39	\$45.58	\$3.28	\$19.42	\$2.62	\$46.74	\$117.64	\$166.03			
Standby	\$21.59	\$2.79							\$24.38				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
T55JD003	370E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY, 37 TON, 6X6, REAR DUMP	\$551,481	D-Off 422	HP	679				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.03	\$3.09	\$48.12	\$44.97	\$3.24	\$17.86	\$2.41	\$43.86	\$112.33	\$160.45
Severe	\$47.53	\$3.11	\$50.64	\$54.34	\$3.91	\$55.93	\$7.55	\$49.19	\$170.92	\$221.56
Standby	\$22.52	\$3.09							\$25.61	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
T55JD004	410E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY, 41 TON, 6X6, REAR DUMP	\$658,289	D-Off 443	HP	702				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.58	\$3.69	\$58.27	\$47.21	\$3.40	\$17.86	\$2.41	\$53.04	\$123.91	\$182.18
Severe	\$57.62	\$3.71	\$61.33	\$57.04	\$4.11	\$55.93	\$7.55	\$59.48	\$184.11	\$245.44
Standby	\$27.29	\$3.69							\$30.98	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T55KM015	HM300-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.4 CY, 31 TON, 6 X 6, REAR DUMP								\$759,256	D-Off	332 HP	1179	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$65.67	\$4.25	\$69.92	\$35.38	\$2.55	\$9.38	\$1.27	\$63.38	\$111.96	\$181.88				
Severe	\$69.31	\$4.28	\$73.59	\$42.75	\$3.08	\$29.39	\$3.97	\$71.08	\$150.27	\$223.86				
Standby	\$32.84	\$4.25							\$37.09					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T55KM016	HM400-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 31.4 CY, 44.1 TON, 6 X 6, REAR DUMP								\$676,365	D-Off	473 HP	1626	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$56.20	\$3.79	\$59.99	\$50.40	\$3.63	\$17.86	\$2.41	\$54.59	\$128.88	\$188.87				
Severe	\$59.32	\$3.81	\$63.13	\$60.90	\$4.38	\$55.93	\$7.55	\$61.22	\$189.99	\$253.12				
Standby	\$28.10	\$3.79							\$31.89					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55VO003	A45G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 34.3 CY, 45 TON, 6X6, REAR DUMP	\$945,580	D-Off 479	HP		685			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$78.49	\$5.29	\$83.78	\$51.04	\$3.67	\$25.30	\$3.42	\$76.25	\$159.68	\$243.46
Severe	\$82.85	\$5.32	\$88.17	\$61.68	\$4.44	\$79.24	\$10.70	\$85.52	\$241.57	\$329.74
Standby	\$39.25	\$5.29							\$44.54	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T55VO004	A35G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 28.9 CY, 38 TON, 6X6, REAR DUMP	\$844,353	D-Off 451	HP		646			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.67	\$4.73	\$77.40	\$48.06	\$3.46	\$11.90	\$1.61	\$70.20	\$135.22	\$212.62
Severe	\$76.71	\$4.75	\$81.46	\$58.07	\$4.18	\$37.28	\$5.03	\$78.73	\$183.29	\$264.75
Standby	\$36.34	\$4.73							\$41.07	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T55VO005	A30G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 24.1 CY, 32 TON, 6X6, REAR DUMP	\$654,790		D-Off	355 HP	520			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.30	\$3.67	\$57.97	\$37.83	\$2.72	\$17.74	\$2.39	\$52.76	\$113.44	\$171.41
Severe	\$57.32	\$3.69	\$61.01	\$45.71	\$3.29	\$55.56	\$7.50	\$59.17	\$171.23	\$232.24
Standby	\$27.15	\$3.67							\$30.82	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T55VO006	A40G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.3 CY, 40 TON, 6X6, REAR DUMP	\$897,142		D-Off	469 HP	677			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$74.16	\$5.02	\$79.18	\$49.98	\$3.60	\$25.30	\$3.42	\$72.09	\$154.38	\$233.56
Severe	\$78.28	\$5.05	\$83.33	\$60.39	\$4.35	\$79.24	\$10.70	\$80.85	\$235.52	\$318.85
Standby	\$37.08	\$5.02							\$42.10	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T57 0.00 TRUCKS, VACUUM

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T57XX003	4K VACUUM TRUCK	TRUCK, VACUUM, 4,000 GAL, 532 CFM, INCLUDES TRUCK CHASSIS	\$187,564	D-On	360 HP		230			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.89	\$1.08	\$15.97	\$59.26	\$6.85	\$0.35	\$0.05	\$15.43	\$81.93	\$97.90
Standby	\$7.45	\$1.08							\$8.53	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T57XX004	2K VACUUM TRUCK	TRUCK, VACUUM, 3,600 GAL, 3,000 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS	\$367,842	D-On	300 HP		200			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.31	\$2.12	\$31.43	\$49.38	\$5.54	\$0.35	\$0.05	\$30.35	\$85.67	\$117.10
Standby	\$14.66	\$2.12							\$16.78	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
T57XX090	HURRICANE 500	2350 CFM TRAILER MOUNTED VACUUM, CONTAINS ALL STANDARD AND WASTE FEATURES REQUIRED FOR ASBESTOS	\$148,263	D-Off	173 HP		204			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.81	\$0.85	\$12.66	\$23.81	\$2.55	\$0.13	\$0.02	\$12.23	\$38.73	\$51.39
Standby	\$5.91	\$0.85							\$6.76	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T60KI001	KT-50D	TRUCK, WATER, OFF-HIGHWAY, 5,000 GAL, W/CAT 621K TRACTOR		\$963,486	D-Off	407	HP	789		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.98	\$5.46	\$66.44	\$56.02	\$6.86	\$15.45	\$2.09	\$55.02	\$135.43	\$201.87
Severe	\$73.17	\$5.54	\$78.71	\$74.09	\$9.07	\$50.69	\$6.84	\$75.45	\$216.15	\$294.86
Standby	\$30.49	\$5.46							\$35.95	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T60KI002	KT-60	TRUCK, WATER, OFF-HIGHWAY, 6,000 GAL, W/CAT 621K TRACTOR		\$968,842	D-Off	407	HP	789		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.33	\$5.49	\$66.82	\$56.02	\$6.86	\$15.45	\$2.09	\$55.34	\$135.75	\$202.57
Severe	\$73.60	\$5.58	\$79.18	\$74.09	\$9.07	\$50.69	\$6.84	\$75.89	\$216.58	\$295.76
Standby	\$30.67	\$5.49							\$36.16	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T60KI003	KT-80	TRUCK, WATER, OFF-HIGHWAY, 8,000 GAL, W/CAT 621K TRACTOR								\$974,198	D-Off	407 HP	789	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$61.69	\$5.52	\$67.21	\$56.02	\$6.86	\$15.45	\$2.09	\$55.65	\$136.07	\$203.28				
Severe	\$74.03	\$5.61	\$79.64	\$74.09	\$9.07	\$50.69	\$6.84	\$76.33	\$217.02	\$296.66				
Standby	\$30.85	\$5.52							\$36.37					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
T60KI004	KT-100	TRUCK, WATER, OFF-HIGHWAY, 10,000 GAL, W/CAT 631K TRACTOR								\$1,330,588	D-Off	570 HP	1028	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$84.85	\$7.54	\$92.39	\$78.45	\$9.60	\$18.32	\$2.47	\$76.43	\$185.28	\$277.67				
Severe	\$101.82	\$7.66	\$109.48	\$103.76	\$12.70	\$60.09	\$8.11	\$104.82	\$289.49	\$398.97				
Standby	\$42.43	\$7.54							\$49.97					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T60KI006	KT-140	TRUCK, WATER, OFF-HIGHWAY, 14,000 GAL, W/CAT 657G TRACTOR	\$1,980,167	D-Off 564	HP	1508				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$126.71	\$11.22	\$137.93	\$77.63	\$9.50	\$25.16	\$3.40	\$114.06	\$229.75	\$367.68
Severe	\$152.05	\$11.40	\$163.45	\$102.67	\$12.57	\$82.53	\$11.14	\$156.43	\$365.34	\$528.79
Standby	\$63.36	\$11.22							\$74.58	

T65 TUNNEL/MINING EQUIPMENT

T65 0.10 DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
T65WG015	E2C	TUNNELING DRILL, 2 BOOM, 1,205 SF CROSS SECTION, RUBBER TIED (ADD DRILL BITS AND DRILL STEEL COST)	\$1,313,885	Elec 212	HP D- 161 HP Off	816				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$79.09	\$7.11	\$86.20	\$23.96	\$9.84	\$3.21	\$0.43	\$82.78	\$120.23	\$206.43
Standby	\$39.55	\$7.11							\$46.66	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T65 TUNNEL/MINING EQUIPMENT

T65 0.10 DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T65WG016	WE3 C	TUNNELING DRILL, 4 BOOM, 700-2,015 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)		\$1,798,525	Elec	313 HP	D- 241 HP Off	981		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$108.52	\$9.73	\$118.25	\$35.47	\$14.54	\$3.21	\$0.43	\$113.54	\$167.20	\$285.45
Standby	\$54.26	\$9.73							\$63.99	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
T65WG017	XE3C	TUNNELING DRILL, 4 BOOM, 2,130 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)		\$1,803,660	Elec	313 HP	D- 241 HP Off	981		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$108.83	\$9.76	\$118.59	\$35.47	\$14.54	\$3.21	\$0.43	\$113.86	\$167.52	\$286.11
Standby	\$54.42	\$9.76							\$64.18	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX005	1500 PSI, 1.6 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 1.6 GPM	\$837	Elec	2	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.17	\$0.01	\$0.18	\$0.22	\$0.08	\$0.00	\$0.00	\$0.24	\$0.54	\$0.72
Standby	\$0.09	\$0.01							\$0.10	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX006	1500 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 3 GPM	\$1,694	Elec	3.7	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.34	\$0.01	\$0.35	\$0.41	\$0.16	\$0.00	\$0.00	\$0.48	\$1.05	\$1.40
Standby	\$0.17	\$0.01							\$0.18	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX007	2000 PSI, 1.9 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 2,000 PSI, 1.9 GPM	\$1,606	Elec	3.2	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.32	\$0.01	\$0.33	\$0.35	\$0.13	\$0.00	\$0.00	\$0.46	\$0.94	\$1.27
Standby	\$0.16	\$0.01							\$0.17	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX008	3000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3,000 PSI, 3 GPM	\$2,654	Elec	8	HP	2			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.53	\$0.02	\$0.55	\$0.88	\$0.34	\$0.00	\$0.00	\$0.76	\$1.97	\$2.52
Standby	\$0.27	\$0.02							\$0.29	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX009	1000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 1,000 PSI, 3 GPM, 120V, 1P (ELECTRIC FIRED)	\$4,213	Elec	3.2	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.84	\$0.03	\$0.87	\$0.35	\$0.13	\$0.00	\$0.00	\$1.20	\$1.68	\$2.55
Standby	\$0.42	\$0.03							\$0.45	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX010	3000 PSI, 4 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 3,000 PSI, 4 GPM, 440V, 3P (ELECTRIC FIRED)	\$5,717	Elec	24	HP	8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.14	\$0.04	\$1.18	\$2.64	\$1.01	\$0.00	\$0.00	\$1.63	\$5.27	\$6.45
Standby	\$0.57	\$0.04							\$0.61	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier			CWT		
W25XX011	1700 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1700 PSI, 1.5 GPM, CART MTD	\$606	Elec	1.5	HP			1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.00	\$0.12	\$0.17	\$0.06	\$0.00	\$0.00	\$0.17	\$0.41	\$0.53
Standby	\$0.06	\$0.00							\$0.06	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier			CWT		
W25XX013	3300 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3300 PSI, 2.5 GPM, CART MTD	\$886	Gas	5.5	HP			2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.18	\$0.01	\$0.19	\$1.83	\$0.17	\$0.00	\$0.00	\$0.25	\$2.25	\$2.44
Standby	\$0.09	\$0.01							\$0.10	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier			CWT		
W25XX014	3200 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3200 PSI, 2.6 GPM, CART MTD	\$386	Gas	6.5	HP			1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.08	\$0.00	\$0.08	\$2.16	\$0.20	\$0.00	\$0.00	\$0.11	\$2.47	\$2.55
Standby	\$0.04	\$0.00							\$0.04	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
W25XX015	4000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 4000 PSI, 3.5 GPM, CART MTD	\$1,462	Gas	12 HP	2				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.29	\$0.01	\$0.30	\$3.99	\$0.37	\$0.00	\$0.00	\$0.42	\$4.77	\$5.07
Standby	\$0.15	\$0.01							\$0.16	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
W25XX018	1700 PSI (115V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 1700 PSI, 1.5 GPM, CART MTD	\$2,071	Elec	1.5 HP	4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.41	\$0.01	\$0.42	\$0.17	\$0.06	\$0.00	\$0.00	\$0.59	\$0.82	\$1.24
Standby	\$0.21	\$0.01							\$0.22	

			Value TEV	Engine Horsepower and Fuel Type						
SourceTag	Model	Equipment Description	7/1/2019	Main	Carrier	CWT				
W25XX019	2000 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2000 PSI, 1.5 GPM, CART MTD	\$2,426	Elec	2 HP	4				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.49	\$0.02	\$0.51	\$0.22	\$0.08	\$0.00	\$0.00	\$0.69	\$0.99	\$1.50
Standby	\$0.25	\$0.02							\$0.27	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
W25XX021	2750 PSI (230V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2750 PSI, 2.5 GPM, CART MTD							\$2,647	Elec	5 HP	4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.53	\$0.02	\$0.55	\$0.55	\$0.21	\$0.00	\$0.00	\$0.75	\$1.51	\$2.06			
Standby	\$0.27	\$0.02							\$0.29				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
W25XX023	3000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 3000 PSI, 4 GPM, CART MTD							\$4,023	Gas	12 HP	6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.80	\$0.03	\$0.83	\$3.99	\$0.37	\$0.00	\$0.00	\$1.14	\$5.50	\$6.33			
Standby	\$0.40	\$0.03							\$0.43				

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W25NL006	40145D	WATER BLASTER, HIGH PRESSURE, 40,000 PSI, 4.8 GPM, TRAILER MTD	\$110,933	D-Off	125 HP		55			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.07	\$0.73	\$22.80	\$24.98	\$2.68	\$0.11	\$0.01	\$34.29	\$62.07	\$84.87
Standby	\$11.04	\$0.73							\$11.77	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W25NL007	20145D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 10 GPM, TRAILER MTD	\$97,220	D-Off	125 HP		55			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.33	\$0.64	\$19.97	\$24.98	\$2.68	\$0.11	\$0.01	\$30.04	\$57.82	\$77.79
Standby	\$9.67	\$0.64							\$10.31	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W25NL008	10145D	WATER BLASTER, HIGH PRESSURE, 10,000 PSI, 19.5 GPM, TRAILER MTD	\$90,795	D-Off	125 HP		55			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.05	\$0.59	\$18.64	\$24.98	\$2.68	\$0.11	\$0.01	\$28.04	\$55.82	\$74.46
Standby	\$9.03	\$0.59							\$9.62	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25NL009	335 DHW-TRA-SA	WATTER BLASTER, HIGH PRESSURE, 3,500 PSI, 15 GPM, TRAILER MTD	\$54,912	D-Off	66	HP	49			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.93	\$0.36	\$11.29	\$13.19	\$1.41	\$0.05	\$0.01	\$16.97	\$31.64	\$42.93
Standby	\$5.47	\$0.36							\$5.83	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25XX017	5000 PSI (GAS)	PRESSURE WASHER, HIGH PRESSURE, COLD WATER, 5000 PSI, 5.0 GPM, CART MTD	\$4,396	Gas	25	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.88	\$0.03	\$0.91	\$8.32	\$0.76	\$0.00	\$0.00	\$1.36	\$10.45	\$11.36
Standby	\$0.44	\$0.03							\$0.47	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25AO002	122	WATER BLASTER, OIL FIRED, STEAM CLEANER, 400 PSI, 1.7 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)	\$5,789	Elec	1	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.16	\$0.04	\$1.20	\$0.11	\$0.79	\$0.00	\$0.00	\$1.65	\$2.55	\$3.75
Standby	\$0.58	\$0.04							\$0.62	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25AO003	181	WATER BLASTER, LP FIRED, STEAM CLEANER, 250 PSI, 3.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)	\$10,735	Elec	2.3	HP	6			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.15	\$0.07	\$2.22	\$0.25	\$0.85	\$0.00	\$0.00	\$3.05	\$4.15	\$6.37
Standby	\$1.08	\$0.07							\$1.15	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25AO004	240	WATER BLASTER, OIL FIRED, STEAM CLEANER, 350 PSI, 4.0 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)	\$8,783	Elec	2.3	HP	7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.76	\$0.06	\$1.82	\$0.25	\$1.10	\$0.00	\$0.00	\$2.50	\$3.84	\$5.66
Standby	\$0.88	\$0.06							\$0.94	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W25AO005	301	WATER BLASTER, LP FIRED, STEAM CLEANER, 400 PSI, 5.0 GPM, REQ 230V POWER (ADD COST FOR HEATING LP)	\$18,129	Elec	4	HP	14			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.63	\$0.12	\$3.75	\$0.44	\$1.67	\$0.00	\$0.00	\$5.16	\$7.27	\$11.02
Standby	\$1.82	\$0.12							\$1.94	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W25AO006	241	WATER BLASTER, LP FIRED, STEAM GENERATOR, 100 PSI, 1.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)	\$12,926	Elec	2.3	HP	8			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.59	\$0.08	\$2.67	\$0.25	\$0.85	\$0.00	\$0.00	\$3.68	\$4.77	\$7.44
Standby	\$1.30	\$0.08							\$1.38	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25CJ001	XCEL6	CARBON DIOXIDE (CO2) BLASTER, 88 LBS/HR, SINGLE HOSE DELIVERY, 145 PSI MAX BLASTING PRESSURE (ADD 150 CFM COMPRESSOR)	\$15,868	Elec	1	HP	1			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.10	\$2.22	\$0.08	\$0.04	\$0.00	\$0.00	\$2.74	\$2.85	\$5.07
Standby	\$1.06	\$0.10							\$1.16	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25CJ002	AERO 80FP	CARBON DIOXIDE (CO2) BLASTER, 420 LBS/HR, SINGLE HOSE DELIVERY, 300 PSI MAX BLASTING PRESSURE (ADD 150-200 CFM COMPRESSOR)	\$30,400	Elec	1	HP	4			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.05	\$0.19	\$4.24	\$0.08	\$0.04	\$0.00	\$0.00	\$5.24	\$5.36	\$9.60
Standby	\$2.03	\$0.19							\$2.22	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W25CJ004	P350	CO2 PELLETTIZER, CREATES UP TO 772 LB/HR, 3MM-16MM DIA PELLETS	\$94,190	Elec	8	HP	34			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.56	\$0.57	\$13.13	\$0.65	\$0.31	\$0.00	\$0.00	\$16.24	\$17.20	\$30.33
Standby	\$6.28	\$0.57							\$6.85	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier			CWT	
W25CJ005	PLT60	CARBON DIOXIDE (CO2) BLASTER, 360 LBS/HR, DUAL HOSE DELIVERY, 232 PSI MAX BLASTING PRESSURE (ADD 50-165 CFM COMPRESSOR)	\$30,370		Elec	1	HP			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.05	\$0.19	\$4.24	\$0.08	\$0.04	\$0.00	\$0.00	\$5.24	\$5.36	\$9.60
Standby	\$2.03	\$0.19							\$2.22	

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER										
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier			CWT	
W25XX030	TORBO M120	WATER BLASTER, WET ABRASIVE BLASTER, 4.2 CF TANK CAP, 170 PSI, (INCLUDES HOSES & NOZZLE, ADD 350 CFM AIR COMPRESSOR)	\$31,280							4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.03	\$0.20	\$2.23	\$0.00	\$0.25	\$0.00	\$0.00	\$1.29	\$1.54	\$3.77
Standby	\$1.02	\$0.20							\$1.22	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
W25XX031	TORBO XL320	WATER BLASTER, WET ABRASIVE BLASTER, 11.3 CF TANK CAP, 170 PSI, (INCLUDES HOSES & NOZZLE, ADD 385 CFM AIR COMPRESSOR)		\$42,796				7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.78	\$0.27	\$3.05	\$0.00	\$0.25	\$0.00	\$0.00	\$1.77	\$2.02	\$5.07
Standby	\$1.39	\$0.27							\$1.66	

W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
W30KI007	KPT-100	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 10,000 GAL, 10" PIPE		\$62,448	Gas	5.5	HP	170		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.29	\$0.36	\$4.65	\$1.26	\$0.13	\$0.67	\$0.09	\$3.32	\$5.47	\$10.12
Standby	\$2.15	\$0.36							\$2.51	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
W30KI008	KPT-120	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 12,000 GAL, 10" PIPE								\$62,898	Gas	5.5 HP	185	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.32	\$0.36	\$4.68	\$1.26	\$0.13	\$0.67	\$0.09	\$3.35	\$5.50	\$10.18				
Standby	\$2.16	\$0.36							\$2.52					

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT	
W35XX020	GAS 140 AC-CC	WELDER, ENGINE DRIVEN, GAS, AC, 140 AMP, 4 KW, PORTABLE, SKID MTD								\$2,270	Gas	9 HP	2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.21	\$0.01	\$0.22	\$2.51	\$0.23	\$0.00	\$0.00	\$0.22	\$2.96	\$3.18				
Standby	\$0.11	\$0.01							\$0.12					

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
W35XX021	GAS 225 DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC, 225 AMP, 10.5 KW, PORTABLE, SKID MTD		\$4,119	Gas	23	HP	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.39	\$0.02	\$0.41	\$6.41	\$0.59	\$0.00	\$0.00	\$0.40	\$7.40	\$7.81
Standby	\$0.20	\$0.02							\$0.22	

SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type			CWT		
			7/1/2019		Main	Carrier				
W35XX022	GAS 250 AC/DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC/CV, 250 AMP, 11 KW, TRAILER MTD		\$7,309	Gas	23	HP	6		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.66	\$0.04	\$0.70	\$6.41	\$0.59	\$0.04	\$0.01	\$0.69	\$7.73	\$8.43
Standby	\$0.33	\$0.04							\$0.37	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W35XX023	DIESEL 325 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 325 AMP, 12 KW, SKID MTD	\$11,904	D-Off 24.8	HP		7			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.12	\$0.07	\$1.19	\$4.18	\$0.38	\$0.00	\$0.00	\$1.15	\$5.72	\$6.91
Standby	\$0.56	\$0.07							\$0.63	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W35XX024	DIESEL 450 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 450 AMP, 12 KW, SKID MTD	\$18,864	D-Off 24.7	HP		11			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.77	\$0.11	\$1.88	\$4.17	\$0.38	\$0.00	\$0.00	\$1.83	\$6.38	\$8.26
Standby	\$0.89	\$0.11							\$1.00	

SourceTag	Model	Equipment Description	Value TEV	Engine Horsepower and Fuel Type			CWT			
			7/1/2019	Main	Carrier					
W35XX025	DIESEL 500 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 500 AMP, 15 KW, SKID MTD	\$27,463	D-Off 49	HP		18			
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.57	\$0.17	\$2.74	\$8.27	\$0.76	\$0.00	\$0.00	\$2.66	\$11.69	\$14.43
Standby	\$1.29	\$0.17							\$1.46	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W35LC012	IDEAL ARC R3R-400	WELDER, ELECTRIC DRIVEN, 400 AMP, STICK	\$8,460	Elec	35 HP	5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.13	\$0.05	\$1.18	\$1.22	\$0.47	\$0.00	\$0.00	\$0.73	\$2.42	\$3.60
Standby	\$0.57	\$0.05							\$0.62	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W35LC013	IDEAL ARC R3R-500	WELDER, ELECTRIC DRIVEN, 500 AMP, STICK	\$9,948	Elec	41 HP	5				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.33	\$0.06	\$1.39	\$1.43	\$0.55	\$0.00	\$0.00	\$0.86	\$2.83	\$4.22
Standby	\$0.67	\$0.06							\$0.73	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type			CWT			
				Main	Carrier					
W35LC018	SP-180C MIG	WELDER, ELECTRIC DRIVEN, 30-180 AMP, WIRE FEEDER	\$1,700	Elec	5 HP	1				
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.23	\$0.01	\$0.24	\$0.17	\$0.06	\$0.00	\$0.00	\$0.15	\$0.38	\$0.62
Standby	\$0.12	\$0.01							\$0.13	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

LINCOLN ELECTRIC COMPANY									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
W35LC021	Tomahawk 1000	WELDER, ELECTRIC DRIVEN, 60 AMP, PLASMA CUTTER WITH 25' HAND TORCH							\$2,913	Elec	20	HP		1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.39	\$0.02	\$0.41	\$0.70	\$0.27	\$0.00	\$0.00	\$0.25	\$1.22	\$1.63				
Standby	\$0.20	\$0.02							\$0.22					

NO SPECIFIC MANUFACTURER

NO SPECIFIC MANUFACTURER									Value TEV	Engine Horsepower and Fuel Type			CWT	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT	
W35XX089	THERMAL CUT LANCE	0.675" DIA X THERMAL OXYGEN CUTTING LANCE, INCLUDES TANK, VALVES, FITTINGS, PPE, HAND TRUCK. ALSO INCLUDES COST FOR CONSUMED BURNING BARS AND O2, 10.5' L BARS (3/HR)							\$5,148					3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.69	\$0.03	\$0.72	\$0.00	\$68.97	\$0.00	\$0.00	\$0.44	\$69.41	\$70.13				
Standby	\$0.35	\$0.03							\$0.38					

* - Adjustable Elements

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
A10	.10	SELF PROPELLED		1.28	1.14	1.03	1.00	.93	.88												
A10	.20	TOWED & TAILGATE		1.28	1.15	1.03	1.00	.93													
A15	.10	ROTARY SCREW		1.20	1.10	1.03	1.00	.94	.89	.86											
A15	.20	SHOP TYPE		1.19	1.10	1.03	1.00	.94	.89	.87	.88	.86									
A20	.10	AIR DRILL HOSE		1.17	1.09	1.03															
A20	.20	SANDBLAST HOSE		1.17	1.09	1.03															
A20	.30	SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS		1.18	1.09	1.03	1.00	.95													
A25	.00	ASPHALT PAVING DISTRIBUTORS		1.24	1.13	1.03	1.00	.94													
A30	.10	SELF PROPELLED		1.26	1.13	1.03	1.00	.94	.89												
A30	.20	TOWED		1.27	1.14	1.03	1.00	.93	.88	.86											
A30	.30	SLURRY SEAL PAVERS (Cold mix)		1.27	1.14	1.03	1.00	.93	.88	.86	.84										

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
A30	.40	MISCELLANEOUS ROAD EQUIPMENT		1.27	1.14	1.03	1.00	.93	.88	.86											
A35	.00	ASPHALT PAVING KETTLES		1.28	1.15	1.03	1.00	.93													
A40	.00	ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS		1.28	1.15	1.03	1.00	.93													
A45	.00	ASPHALT RECYCLERS & SEALERS		1.28	1.15	1.03	1.00														
B10	.10	ASPHALT		1.28	1.14	1.03	1.00	.93	.88												
B10	.20	CONCRETE		1.28	1.14	1.03	1.00	.93	.88												
B10	.30	PUGMILL		1.27	1.14	1.03	1.00	.93	.88	.86											
B15	.00	BROOMS, STREET SWEEPERS & FLUSHERS		1.17	1.08	1.02	1.00	.95	.94												
B20	.00	BRUSH CHIPPERS		1.17	1.08	1.02	1.00	.95	.94												
B25	.00	BUCKETS, CLAMSHELL		1.14	1.06	1.01	1.00	.94	.96												
B30	.10	GENERAL PURPOSE, MANUAL TRIP		1.13	1.06	1.01	1.00	.94	.96												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
B30	.20	LAYDOWN		1.13	1.06	1.01	1.00	.94	.96												
B30	.30	LOWBOY		1.13	1.06	1.01	1.00	.94	.96												
B30	.40	LOW SLUMP		1.13	1.06	1.01	1.00	.94	.96												
B35	.10	LIGHT WEIGHT		1.14	1.06	1.01	1.00	.94	.96												
B35	.20	MEDIUM WEIGHT		1.14	1.06	1.01	1.00	.94	.96	.95											
B35	.30	HEAVY WEIGHT		1.14	1.06	1.01	1.00	.94	.96	.95											
C05	.00	CHAIN SAWS		1.17	1.08																
C10	.10	COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES		1.16	1.07	1.02															
C10	.20	ROLLERS, VIBRATORY		1.18	1.08	1.02															
C15	.10	WALK BEHIND		1.19	1.09	1.02															
C15	.20	TRUCK/TRAILER MOUNTED		1.19	1.09	1.02	1.00	.95	.94												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
C20	.00	CONCRETE BUGGIES		1.19	1.09	1.02															
C25	.10	FINISHERS/TROWELS		1.19	1.09	1.02	1.00														
C25	.20	VIBRATORY SCREED		1.19	1.09	1.02	1.00														
C25	.25	VIBRATORY LASER SCREED		1.23	1.10	1.03	1.00	.94	.92												
C25	.30	MATERIAL/TOPPING SPREADERS		1.23	1.10	1.03	1.00	.94	.92												
C30	.00	CONCRETE GRINDERS		1.19	1.09	1.02	1.00														
C35	.00	CONCRETE GUNITERS / SHOTCRETTERS		1.21	1.09	1.02	1.00	.94													
C40	.00	CONCRETE MIXING UNITS		1.19	1.09	1.02	1.00														
C45	.00	CONCRETE PAVING MACHINES		1.28	1.15	1.03	1.00	.93													
C55	.00	CONCRETE PUMPS		1.17	1.08	1.02	1.00	.95	.94												
C60	.00	CONCRETE SAWS (Add cost for sawblade wear)		1.17	1.08	1.02	1.00	.95													

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
C65	.00	CONCRETE VIBRATORS		1.18	1.09	1.03															
C75	.00	CRANES, HYDRAULIC, SELF-PROPELLED		1.15	1.06	1.01	1.00	.94	.95	.94	.94	.92	.91								
C80	.01	UNDER 26 TON		1.15	1.06	1.01	1.00	.94	.95	.94	.94	.92	.91								
C80	.02	26 TON THRU 65 TON		1.15	1.06	1.01	1.00	.94	.95	.94	.94	.92	.91	.89							
C80	.03	66 TON THRU 125 TON		1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84					
C80	.04	OVER 125 TON		1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84	.85				
C85	.11	DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.93	.92									
C85	.12	DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88							
C85	.13	DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83					
C85	.14	DRAGLINE, CLAMSHELL, OVER 5.0 CY		1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83	.84				
C85	.21	LIFTING, 0 THRU 25 TON		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88							

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
C85	.22	LIFTING, 26 TON THRU 50 TON		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83					
C85	.23	LIFTING, 51 TON THRU 150 TON		1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84	.85				
C85	.24	LIFTING, OVER 150 TON		1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84	.85	.82			
C90	.01	UNDER 26 TON		1.15	1.06	1.01	1.00	.94	.95	.94	.94	.92	.91								
C90	.02	26 TON THRU 65 TON		1.15	1.06	1.01	1.00	.94	.95	.94	.94	.92	.91	.89							
C90	.03	66 TON THRU 125 TON		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83					
C90	.04	OVER 125 TON		1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83	.84				
C95	.00	CRANES, TOWER		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83					
D10	.10	DRILLS, AIR TRACK (Add cost for drill steel and bit wear)		1.13	1.04	1.00	1.00	.98	.97	.96	.95	.93									
D10	.20	DRILLS, HYDRAULIC TRACK (Add cost for drill steel and bit wear)		1.13	1.04	1.00	1.00	.98	.97	.96											
D15	.10	DRILLS, HORIZONTAL BORING & GROUND PIERCING (Add cost for drill steel and bit wear)		1.13	1.04	1.00	1.00	.98	.97	.96											

Equipment Age Adjustment Factors for Ownership Cost

Region:		3	Life in Years =		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =		2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
D15	.20	DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill steel and bit wear)	1.13	1.04	1.00	1.00	.98	.97	.96														
D20	.00	DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)	1.13	1.04	1.00	1.00	.98	.97															
D25	.00	DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)	1.13	1.04	1.00	1.00	.98	.97	.96														
D30	.00	DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)	1.13	1.04	1.00	1.00	.98	.97	.96														
D35	.11	DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.93												
D35	.12	DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.90										
D35	.21	ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.93												
D35	.22	ELECTRIC, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.90										
F10	.00	FORK LIFTS	1.19	1.09	1.02	1.00	.95	.94	.93														
G10	.10	PORTABLE	1.18	1.06	1.01	1.00	.98	.95															
G10	.20	SKID MOUNTED	1.18	1.06	1.01	1.00	.98	.95	.94														

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
G15	.00	GRADERS, MOTOR		1.16	1.07	1.02	1.00	.92	.95	.94	.93	.91										
H10	.00	HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)		1.19	1.09	1.02	1.00	.95														
H13	.11	COMPACTORS (Compression force) 0 THRU 50 TONS		1.18	1.08	1.02	1.00	.95	.94	.93												
H13	.12	COMPACTORS (Compression force) OVER 50 TONS		1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90										
H13	.21	FILTER PRESSES, STATIONARY		1.19	1.09	1.02	1.00	.95	.94	.93												
H13	.22	FILTER PRESSES, MOBILE		1.18	1.08	1.02	1.00	.95	.94	.93												
H13	.30	CENTRIFUGES		1.19	1.09	1.02																
H13	.40	SHREDDERS		1.18	1.08	1.02	1.00	.95	.94	.93												
H13	.51	SOIL TREATMENT PLANT, MOBILE		1.18	1.08	1.02	1.00	.95	.94	.93												
H13	.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS		1.18	1.08	1.02	1.00	.95	.94	.93												
H13	.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING		1.18	1.08	1.02																

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
H20	.00	HOISTS & AIR WINCHES		1.19	1.09	1.02	1.00	.95	.94	.92											
H25	.10	0 LBS THRU 12,500 LBS		1.17	1.07	1.01	1.00	.92	.95												
H25	.11	OVER 12,500 LBS THRU 40,000 LBS		1.17	1.07	1.01	1.00	.92	.95												
H25	.12	OVER 40,000 LBS THRU 100,000 LBS		1.17	1.07	1.01	1.00	.93	.95	.93	.93	.91									
H25	.13	OVER 100,000 LBS THRU 160,000 LBS		1.17	1.07	1.01	1.00	.93	.95	.93	.93	.91									
H25	.14	OVER 160,000 LBS		1.17	1.07	1.01	1.00	.93	.95	.94	.93	.91	.90	.87	.86	.82					
H25	.21	EXCAVATOR ATTACHMENTS, MOBILE SHEARS		1.18	1.08	1.02	1.00	.95													
H25	.22	EXCAVATOR ATTACHMENTS, MATERIAL HANDLING		1.19	1.09	1.02	1.00	.95													
H25	.23	EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS		1.18	1.08	1.02	1.00	.95													
H25	.24	EXCAVATOR ATTACHMENTS, COMPACTORS		1.18	1.08	1.02	1.00	.95													
H30	.01	0 THRU 1.0 CY		1.17	1.07	1.01	1.00	.92	.95												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
H30	.02	OVER 1.0 CY		1.17	1.07	1.01	1.00	.93	.95	.93											
H35	.11	DIESEL, 0 CY THRU 5.0 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.93	.92									
H35	.12	DIESEL, OVER 5.0 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90								
H35	.21	ELECTRIC, OVER 2.5 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88							
L10	.00	LAND CLEARING EQUIPMENT		1.19	1.07	1.03	1.00	.93	.92	.91											
L15	.00	LANDSCAPING EQUIPMENT		1.18	1.08	1.02	1.00														
L20	.10	LIGHTING SETS, TRAILER MOUNTED		1.19	1.09	1.02	1.00	.95	.94												
L25	.00	LINE STRIPING EQUIPMENT		1.19	1.09	1.02	1.00	.95	.94												
L30	.00	LOADERS, BELT (Conveyor belts) & ACCESSORIES		1.19	1.09	1.02	1.00	.95	.94	.93											
L35	.00	LOADERS, FRONT END, CRAWLER TYPE		1.19	1.07	1.03	1.00	.93	.92	.91											
L40	.11	ARTICULATED, 0 THRU 225 HP		1.20	1.07	1.03	1.00	.93	.91	.91											

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
L40	.12	ARTICULATED, OVER 225 HP		1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90										
L40	.20	SKID STEER		1.19	1.07	1.03	1.00	.93	.92													
L40	.21	SKID STEER ATTACHMENTS		1.19	1.07	1.03																
L40	.31	TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP		1.20	1.07	1.03	1.00	.93	.91	.91												
L40	.32	TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP		1.18	1.06	1.02	1.00	.94	.92	.92	.91											
L45	.00	LOADERS / BACKHOE, CRAWLER TYPE		1.19	1.07	1.03	1.00	.93	.92													
L50	.00	LOADERS / BACKHOE, WHEEL TYPE		1.20	1.07	1.03	1.00	.93	.91	.91												
L55	.00	LOADER / BACKHOE, ATTACHMENTS		1.19	1.09	1.02	1.00	.95														
L60	.00	LOG SKIDDERS		1.21	1.11	1.02	1.00	.98	.94	.93												
M10	.11	AQUATIC MAINTENANCE		1.12	1.05	1.02	1.00	.97	.96	.95												
M10	.12	AQUATIC MAINTENANCE ATTACHMENTS		1.13	1.06	1.02	1.00	.97														

Equipment Age Adjustment Factors for Ownership Cost

Region: 3			Life in Years =																		
Type of Equipment			Purchase Year =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M10	.21	HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90								
M10	.22	HYDRAULIC CUTTERHEAD DREDGE, 8" - 12", TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90								
M10	.23	HYDRAULIC AUGERHEAD DREDGE, 12" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90								
M10	.24	HYDRAULIC FLOATING PUMPS, 12" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96													
M10	.25	HYDRAULIC DREDGE PUMPS, 12" OR LESS, TRANSPORTABLE	1.13	1.05	1.02	1.00	.97														
M10	.26	HYDRAULIC DREDGE / PUMP ATTACHMENTS	1.13	1.05	1.02	1.00	.97														
M10	.31	SMALL MECH DREDGES, CLAMSHELL, BARGE-MTD TO 5 CY	1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84						
M10	.32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.15	1.06	1.01	1.00	.93	.95	.94												
M10	.33	SMALL MECH DREDGES, HOE-MOUNTED DREDGING ATTACH	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.90	.89	.88	.86	.83					
M10	.41	WORK FLOATS (SECTIONAL, NON-DREDGING)	1.12	1.05	1.02	1.00	.98														
M10	.42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.84	.81	.78	.74	.71	

Equipment Age Adjustment Factors for Ownership Cost

Region: 3			Life in Years =																		
Type of Equipment			Purchase Year =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
M10	.45	FLAT-DECK OR CARGO BARGE (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.92	.91	.89	.87	.85	.82	.79	.76	.73	
M10	.46	DUMP SCOW (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.92	.91	.89	.87	.85	.82	.79	.76	.73	
M10	.47	DRILL BARGE (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.91	.90	.89	.87	.85	.82	.79	.75	.72	
M10	.48	ALL OTHER BARGES (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.91	.90	.89	.87	.85	.82	.79	.75	.72	
M10	.51	BOATS & LAUNCHES, 0 THRU 250 HP	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.90	.89								
M10	.53	BOATS & LAUNCHES, GREATER THAN 250 HP	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.86						
M10	.54	TUGS, UNDER 1,000 HP	1.11	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.71	
M10	.55	TUGS, GREATER THAN 1,000 HP	1.11	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.72	
P10	.00	PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS	1.25	1.11	1.03	1.00	.93														
P20	.10	PILE HAMMERS, DOUBLE ACTING - DIESEL	1.21	1.09	1.02	1.00	.94														
P20	.20	PILE HAMMERS, DOUBLE ACTING - PNEUMATIC (STEAM/AIR)	1.19	1.09	1.02	1.00	.95														

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005		
P25	.10	PILE HAMMERS, SINGLE ACTING - DIESEL		1.19	1.09	1.02	1.00	.95															
P25	.20	PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/AIR)		1.18	1.08	1.02	1.00	.95															
P30	.00	PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY		1.19	1.09	1.02	1.00	.95															
P35	.00	PIPELAYERS		1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89										
P40	.00	PLATFORMS & MAN-LIFTS		1.14	1.06	1.01	1.00	.94	.96														
P45	.00	PUMPS, GROUT		1.18	1.08	1.02	1.00	.95	.94														
P50	.11	ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94														
P50	.12	ELECTRIC DRIVE		1.19	1.09	1.02	1.00	.95	.94														
P50	.21	WHEEL MOUNTED, ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94														
P50	.22	WHEEL MOUNTED, ELECTRIC DRIVE		1.19	1.09	1.02	1.00	.95	.94														
P50	.31	PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP, SUCTION & DISCHARGE		1.17	1.08	1.02																	

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
P55	.01	ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94													
P55	.02	ELECTRIC DRIVE (PROVIDE POWER SOURCE)		1.18	1.08	1.02	1.00	.95	.94													
P60	.11	SKID MOUNTED, ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94													
P60	.12	SKID MOUNTED, ELECTRIC DRIVE		1.18	1.08	1.02	1.00	.95	.94													
P60	.21	WHEEL MOUNTED, ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94													
P60	.22	WHEEL MOUNTED, ELECTRIC DRIVE		1.18	1.08	1.02	1.00	.95	.94													
P65	.11	SKID MOUNTED, ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94													
P65	.12	SKID MOUNTED, ELECTRIC DRIVE		1.18	1.08	1.02	1.00	.95	.94													
P65	.21	WHEEL MOUNTED, ENGINE DRIVE		1.19	1.09	1.02	1.00	.95	.94													
P65	.22	WHEEL MOUNTED, ELECTRIC DRIVE		1.18	1.08	1.02	1.00	.95	.94													
P70	.01	PUMPS, WATER (For core drills) - ENGINE DRIVE		1.21	1.09	1.02	1.00	.94	.93													

Equipment Age Adjustment Factors for Ownership Cost

Region: 3			Life in Years =																		
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
P70	.02	PUMPS, WATER (For core drills) - ELECTRIC DRIVE	1.21	1.09	1.02	1.00	.94	.93													
R10	.00	RIPPERS (Add cost for point wear)	1.19	1.07	1.03	1.00	.93	.92													
R15	.00	ROLLERS, STATIC, TOWED, PNEUMATIC	1.22	1.12	1.03	1.00	.97	.94	.93												
R20	.00	ROLLERS, STATIC, TOWED, STEEL DRUM	1.22	1.12	1.03	1.00	.97	.94	.93												
R30	.01	PNEUMATIC	1.21	1.11	1.02	1.00	.98	.94													
R30	.02	SMOOTH DRUM	1.21	1.11	1.02	1.00	.98	.94	.93												
R30	.03	TAMPING FOOT, LANDFILL & SOIL COMPACTORS	1.22	1.12	1.03	1.00	.97	.94	.93	.91	.89										
R40	.00	ROLLERS, VIBRATORY, TOWED	1.22	1.12	1.03	1.00	.97	.94													
R45	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM	1.22	1.12	1.03	1.00	.97	.94													
R50	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM	1.24	1.13	1.03	1.00	.97	.93													
R55	.00	ROOFING EQUIPMENT	1.18	1.08	1.02	1.00	.95														

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
S10	.01	0 THRU 200 HP		1.15	1.07	1.02	1.00	.93	.95	.95											
S10	.02	OVER 200 HP		1.16	1.07	1.02	1.00	.92	.95	.94	.93	.91									
S15	.00	SCRAPERS, CONVENTIONAL		1.15	1.07	1.02	1.00	.93	.95	.95	.93	.91	.89	.86							
S20	.00	SCRAPERS, TANDEM POWERED		1.15	1.07	1.02	1.00	.93	.95	.95	.93	.91	.89	.86							
S25	.00	SCRAPERS, TRACTOR DRAWN		1.15	1.07	1.02	1.00	.93	.95	.95	.93										
S30	.10	CONVEYORS		1.17	1.07	1.02	1.00	.95	.94	.93											
S30	.20	CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTOR		1.17	1.07	1.02	1.00	.95	.94	.94	.93	.91	.90	.87	.83	.80	.80	.78	.75	.73	
S30	.21	CRUSHERS - CONE		1.17	1.07	1.02	1.00	.95	.94	.94	.93	.91	.90	.87	.83	.80	.80	.78	.75	.73	
S30	.22	CRUSHERS - JAW		1.17	1.07	1.02	1.00	.95	.94	.94	.93	.91	.90	.87	.83	.80	.80	.78	.75	.73	
S30	.30	SCREENING PLANT		1.17	1.07	1.02	1.00	.95	.94	.93											
S35	.00	SNOW REMOVAL EQUIPMENT		1.19	1.09	1.02	1.00	.95	.94												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
S40	.00	SOIL & ROAD STABILIZERS		1.15	1.07	1.02	1.00	.93	.95	.95											
S45	.00	SPLITTERS, ROCK & CONCRETE		1.19	1.09	1.02	1.00	.95													
T10	.00	TRACTOR BLADES & ATTACHMENTS (including agricultural)		1.19	1.07	1.03	1.00	.93	.92	.91											
T15	.01	0 THRU 225 HP		1.22	1.08	1.03	1.00	.92	.91	.90											
T15	.02	226 HP THRU 425 HP		1.20	1.07	1.03	1.00	.93	.91	.91	.89										
T15	.03	OVER 425 HP		1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85							
T20	.00	TRACTORS, WHEEL TYPE (DOZER)		1.21	1.11	1.02	1.00	.98	.94	.93	.92	.89	.86								
T25	.10	CRAWLER		1.21	1.11	1.02	1.00	.98	.94	.93											
T25	.20	WHEEL		1.21	1.11	1.02	1.00	.98	.94												
T30	.00	TRENCHERS, CHAIN TYPE CUTTER		1.22	1.12	1.03	1.00	.97	.94												
T35	.00	TRENCHERS, WHEEL TYPE CUTTER		1.22	1.12	1.03	1.00	.97	.94												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T40	.10	CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING		1.19	1.09	1.02	1.00	.95	.94													
T40	.20	DUMP BODY, REAR		1.17	1.08	1.02	1.00	.95	.94													
T40	.30	FLATBEDS, WITH SIDES		1.19	1.09	1.02	1.00	.95	.94													
T40	.41	HOIST, ELECTRIC DRIVE		1.19	1.09	1.02	1.00	.95	.94													
T40	.50	TRANSIT MIXERS		1.18	1.08	1.02	1.00	.95	.94													
T40	.60	WATER TANKS		1.21	1.09	1.02	1.00	.94	.93													
T40	.70	ALL OTHER OPTIONS		1.19	1.09	1.02	1.00	.95	.94													
T45	.10	BOTTOM DUMP		1.17	1.07	1.02	1.00	.95	.94	.93												
T45	.20	END / SIDE DUMP		1.17	1.07	1.02	1.00	.95	.94	.93												
T45	.30	PUP TRAILER		1.17	1.08	1.02	1.00	.95	.94													
T45	.41	LOWBOY, RIGID NECK, DROP DECK		1.17	1.07	1.02	1.00	.95	.94	.93												

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
T45	.50	FLATBED TRAILER		1.17	1.07	1.02	1.00	.95	.94	.93											
T45	.60	MISCELLANEOUS / UTILITY		1.17	1.07	1.02	1.00	.95	.94	.93											
T45	.70	WATER TANKER TRAILER		1.21	1.09	1.02	1.00	.94	.93	.92											
T45	.80	DECONTAMINATION FACILITY		1.21	1.09	1.02	1.00	.94	.93												
T45	.90	TANK TRAILERS		1.21	1.09	1.02	1.00	.94	.93	.92											
T50	.01	0 THRU 10,000 GVW		1.11	1.05	1.02	1.00	.96	.96												
T50	.02	OVER 10,000 THRU 30,000 GVW (Chassis only - Add options)		1.11	1.05	1.02	1.00	.96	.96	.95											
T50	.03	OVER 30,000 GVW (Chassis only - Add options)		1.11	1.05	1.02	1.00	.96	.96	.95	.93	.91									
T55	.10	RIGID FRAME		1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88									
T55	.20	ARTICULATED FRAME		1.16	1.08	1.02	1.00	.95	.92	.91											
T56	.10	PRIME MOVER TRACTORS		1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.81	.81				

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T56	.20	WAGONS, BOTTOM DUMP		1.17	1.08	1.02	1.00	.94	.91	.90	.89	.87	.85	.84								
T56	.30	WAGONS, REAR DUMP		1.17	1.08	1.02	1.00	.94	.91	.90	.89	.87										
T57	.00	TRUCKS, VACUUM		1.19	1.09	1.02	1.00	.95	.94	.93												
T60	.00	TRUCKS, WATER, OFF-HIGHWAY		1.17	1.08	1.02	1.00	.94	.91	.90	.89	.87										
T65	.10	DRIFTING & TUNNELING DRILLS		1.11	1.03	1.00	1.00	.98	.97	.97	.95	.94	.92									
T65	.20	TUNNEL BORING MACHINES		1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79						
T65	.30	PRODUCTION DRILLING RIGS		1.11	1.03	1.00	1.00	.98	.97	.97	.95	.94										
T65	.40	ROADHEADERS & CONTINUOUS MINERS		1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86								
T65	.50	ROCK BOLTING EQUIPMENT		1.19	1.09	1.02	1.00	.95	.94	.93												
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS		1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90										
T65	.62	LOADING & HAULING EQUIPMENT, ELECTRIC		1.19	1.08	1.02	1.00	.95	.94	.93	.91	.90	.88									

Equipment Age Adjustment Factors for Ownership Cost

Region: 3			Life in Years =																		
Type of Equipment			Purchase Year =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T65	.63	LOADING & HAULING EQUIPMENT, AIR-POWERED	1.21	1.09	1.02	1.00	.94	.93	.92												
T65	.70	LOCOMOTIVES	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90										
T65	.90	OTHER TUNNELING EQUIPMENT	1.19	1.09	1.02	1.00	.95	.94	.93												
W10	.00	WAGONS, BOTTOM DUMP	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88										
W15	.00	WAGONS, REAR DUMP	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88										
W25	.10	LOW PRESSURE, (< 5,000 PSI)	1.19	1.09	1.02																
W25	.20	HIGH PRESSURE, (>= 5,000 PSI)	1.19	1.09	1.02																
W25	.30	STEAM CLEANERS	1.19	1.09	1.02																
W25	.40	CO2 BLASTERS	1.19	1.09	1.02	1.00	.95														
W25	.50	WET ABRASIVE BLASTING SYSTEM (TORBO)	1.24	1.11	1.03	1.00	.93	.92	.90												
W30	.10	PORTABLE WITH WHEELS	1.17	1.09	1.02	1.00	.94	.91	.90	.89											

Equipment Age Adjustment Factors for Ownership Cost

Region:	3		Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
Type of Equipment			Purchase Year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
W30	.20	SKID MOUNTED		1.17	1.09	1.02	1.00	.94	.91	.90	.89											
W35	.10	ENGINE DRIVEN		1.21	1.09	1.02	1.00	.94	.93													
W35	.20	ELECTRIC DRIVEN		1.19	1.09	1.02	1.00	.95														

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
A10	.10	SELF PROPELLED	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
A10	.20	TOWED & TAILGATE	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.76	.74	.74	.70	.67	.64	.60
A15	.10	ROTARY SCREW	1.20	1.10	1.03	1.00	.94	.89	.87	.87	.85	.83	.78	.75	.68	.68	.63	.58	.55	.52
A15	.20	SHOP TYPE	1.18	1.09	1.03	1.00	.94	.90	.88	.88	.86	.84	.80	.77	.70	.70	.65	.61	.58	.55
A20	.10	AIR DRILL HOSE	1.17	1.09	1.03	1.00	.95	.91	.89	.89	.88	.85	.82	.79	.73	.73	.69	.65	.62	.60
A20	.20	SANDBLAST HOSE	1.17	1.09	1.03	1.00	.95	.91	.89	.89	.88	.85	.82	.79	.73	.73	.69	.65	.62	.60
A20	.30	SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS	1.17	1.09	1.03	1.00	.95	.90	.88	.89	.87	.85	.81	.78	.72	.71	.67	.62	.60	.57
A25	.00	ASPHALT PAVING DISTRIBUTORS	1.24	1.12	1.03	1.00	.94	.90	.88	.86	.86	.83	.82	.79	.77	.77	.74	.71	.69	.65
A30	.10	SELF PROPELLED	1.25	1.13	1.03	1.00	.94	.89	.87	.85	.85	.82	.81	.78	.76	.75	.72	.69	.67	.63
A30	.20	TOWED	1.27	1.14	1.03	1.00	.93	.88	.87	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
A30	.30	SLURRY SEAL PAVERS (Cold mix)	1.27	1.14	1.03	1.00	.93	.88	.87	.84	.84	.81	.79	.77	.74	.74	.71	.68	.65	.61

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
A30	.40	MISCELLANEOUS ROAD EQUIPMENT	1.27	1.14	1.03	1.00	.93	.88	.87	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
A35	.00	ASPHALT PAVING KETTLES	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.76	.74	.74	.70	.67	.64	.60
A40	.00	ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS / ROTARY GRINDERS	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.76	.74	.74	.70	.67	.64	.60
A45	.00	ASPHALT RECYCLERS & SEALERS	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.76	.74	.73	.70	.67	.64	.60
B10	.10	ASPHALT	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
B10	.20	CONCRETE	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
B10	.30	PUGMILL	1.27	1.14	1.03	1.00	.93	.88	.87	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
B15	.00	BROOMS, STREET SWEEPERS & FLUSHERS	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.75	.73	.69
B20	.00	BRUSH CHIPPERS	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.75	.73	.69
B25	.00	BUCKETS, CLAMSHELL	1.14	1.06	1.01	1.00	.94	.96	.95	.94	.93	.91	.89	.88	.85	.86	.83	.82	.81	.76

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
B30	.10	GENERAL PURPOSE, MANUAL TRIP	1.13	1.06	1.01	1.00	.94	.96	.95	.95	.93	.92	.90	.89	.86	.86	.84	.83	.82	.78
B30	.20	LAYDOWN	1.13	1.06	1.01	1.00	.94	.96	.95	.95	.93	.92	.90	.89	.86	.86	.84	.83	.82	.78
B30	.30	LOWBOY	1.13	1.06	1.01	1.00	.94	.96	.95	.95	.93	.92	.90	.89	.86	.86	.84	.83	.82	.78
B30	.40	LOW SLUMP	1.13	1.06	1.01	1.00	.94	.96	.95	.95	.93	.92	.90	.89	.86	.86	.84	.83	.82	.78
B35	.10	LIGHT WEIGHT	1.14	1.06	1.01	1.00	.94	.96	.95	.94	.93	.91	.89	.88	.85	.86	.83	.82	.81	.76
B35	.20	MEDIUM WEIGHT	1.14	1.06	1.01	1.00	.94	.96	.95	.94	.93	.91	.89	.88	.85	.86	.83	.82	.81	.76
B35	.30	HEAVY WEIGHT	1.14	1.06	1.01	1.00	.94	.96	.95	.94	.93	.91	.89	.88	.85	.86	.83	.82	.81	.76
C05	.00	CHAIN SAWS	1.17	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.74	.72	.69
C10	.10	COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PLATES	1.16	1.07	1.02	1.00	.96	.95	.94	.93	.92	.90	.88	.84	.81	.81	.78	.76	.74	.71
C10	.20	ROLLERS, VIBRATORY	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.70	.67
C15	.10	WALK BEHIND	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
C15	.20	TRUCK/TRAILER MOUNTED	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
C20	.00	CONCRETE BUGGIES	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64
C25	.10	FINISHERS/TROWELS	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.68	.65
C25	.20	VIBRATORY SCREED	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.68	.65
C25	.25	VIBRATORY LASER SCREED	1.22	1.10	1.02	1.00	.94	.93	.91	.90	.89	.86	.83	.78	.74	.74	.70	.67	.64	.60
C25	.30	MATERIAL/TOPPING SPREADERS	1.22	1.10	1.02	1.00	.94	.93	.91	.90	.89	.86	.83	.78	.74	.74	.70	.67	.64	.60
C30	.00	CONCRETE GRINDERS	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.68	.65
C35	.00	CONCRETE GUNITERS / SHOTCRETTERS	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.72	.69	.67	.62
C40	.00	CONCRETE MIXING UNITS	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.68	.65
C45	.00	CONCRETE PAVING MACHINES	1.27	1.14	1.03	1.00	.93	.88	.86	.84	.84	.81	.79	.76	.74	.74	.70	.67	.64	.60
C55	.00	CONCRETE PUMPS	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.75	.73	.69

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
C60	.00	CONCRETE SAWS (Add cost for sawblade wear)	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.74	.72	.69
C65	.00	CONCRETE VIBRATORS	1.18	1.09	1.03	1.00	.95	.90	.88	.88	.87	.85	.81	.78	.71	.71	.67	.62	.60	.57
C75	.00	CRANES, HYDRAULIC, SELF-PROPELLED	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.88	.84	.85	.82	.81	.80	.75
C80	.01	UNDER 26 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.88	.84	.85	.82	.81	.80	.75
C80	.02	26 TON THRU 65 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.88	.84	.85	.83	.82	.80	.75
C80	.03	66 TON THRU 125 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.93	.91	.89	.88	.85	.85	.83	.82	.81	.76
C80	.04	OVER 125 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.93	.91	.89	.88	.85	.85	.83	.82	.81	.76
C85	.11	DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83	.84	.81	.80	.79	.74
C85	.12	DRAGLINE, CLAMSHELL, OVER 1.0 CY THRU 2.5 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.79	.74
C85	.13	DRAGLINE, CLAMSHELL, OVER 2.5 CY THRU 5.0 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.80	.74
C85	.14	DRAGLINE, CLAMSHELL, OVER 5.0 CY	1.15	1.06	1.01	1.00	.93	.95	.94	.94	.92	.91	.89	.87	.84	.84	.82	.81	.80	.74

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
C85	.21	LIFTING, 0 THRU 25 TON	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.79	.74
C85	.22	LIFTING, 26 TON THRU 50 TON	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.80	.74
C85	.23	LIFTING, 51 TON THRU 150 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.93	.91	.89	.88	.85	.85	.83	.82	.81	.76
C85	.24	LIFTING, OVER 150 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.93	.91	.89	.88	.85	.85	.83	.82	.81	.76
C90	.01	UNDER 26 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.88	.84	.85	.82	.81	.80	.75
C90	.02	26 TON THRU 65 TON	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.88	.84	.85	.83	.82	.80	.75
C90	.03	66 TON THRU 125 TON	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.80	.74
C90	.04	OVER 125 TON	1.15	1.06	1.01	1.00	.93	.95	.94	.94	.92	.91	.89	.87	.84	.84	.82	.81	.80	.74
C95	.00	CRANES, TOWER	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.80	.74
D10	.10	DRILLS, AIR TRACK (Add cost for drill steel and bit wear)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.72	.65	.59
D10	.20	DRILLS, HYDRAULIC TRACK (Add cost for drill steel and bit wear)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.71	.65	.58

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
D15	.10	DRILLS, HORIZONTAL BORING & GROUND PIERCING (Add cost for drill steel and bit wear)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.71	.65	.58
D15	.20	DRILLS, HORIZONTAL & DIRECTIONAL (Add cost for drill steel and bit wear)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.71	.65	.58
D20	.00	DRILLS, CORE, COLUMN MOUNTED (Add cost for drill steel and bit wear)	1.13	1.04	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.85	.81	.80	.77	.71	.64	.58
D25	.00	DRILLS, CORE & DOWELLING (Add cost for drill steel and bit wear)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.71	.65	.58
D30	.00	DRILLS, EARTH / AUGER (Add cost for drill steel, cutting edge wear, and crane when applicable)	1.13	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.71	.65	.58
D35	.11	DIESEL, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.94	.91	.90	.87	.83	.82	.79	.73	.67	.61
D35	.12	DIESEL, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.94	.91	.90	.87	.83	.82	.79	.74	.68	.62
D35	.21	ELECTRIC, 4.5" THRU 9.875" DIAMETER HOLE (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.94	.91	.90	.87	.83	.82	.79	.73	.67	.61
D35	.22	ELECTRIC, OVER 9.875" DIAMETER (Add cost for drill steel and bit wear)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.94	.91	.90	.87	.83	.82	.79	.74	.68	.62

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
F10	.00	FORK LIFTS	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
G10	.10	PORTABLE	1.18	1.06	1.01	1.00	.98	.95	.94	.95	.95	.94	.93	.90	.85	.83	.80	.76	.72	.68
G10	.20	SKID MOUNTED	1.18	1.06	1.01	1.00	.98	.95	.94	.95	.95	.94	.93	.90	.85	.83	.80	.76	.72	.68
G15	.00	GRADERS, MOTOR	1.15	1.07	1.02	1.00	.93	.95	.95	.93	.91	.89	.85	.76	.72	.70	.65	.62	.61	.58
H10	.00	HAMMERS, HYDRAULIC (Demolition tool) (Add cost for point wear)	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
H13	.11	COMPACTORS (Compression force) 0 THRU 50 TONS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H13	.12	COMPACTORS (Compression force) OVER 50 TONS	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.72	.69	.66
H13	.21	FILTER PRESSES, STATIONARY	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
H13	.22	FILTER PRESSES, MOBILE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H13	.30	CENTRIFUGES	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64
H13	.40	SHREDDERS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
H13	.51	SOIL TREATMENT PLANT, MOBILE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H13	.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H13	.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.70	.67
H20	.00	HOISTS & AIR WINCHES	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.74	.71	.69	.65
H25	.10	0 LBS THRU 12,500 LBS	1.17	1.07	1.01	1.00	.93	.95	.93	.93	.91	.90	.87	.86	.82	.83	.80	.79	.77	.71
H25	.11	OVER 12,500 LBS THRU 40,000 LBS	1.17	1.07	1.01	1.00	.93	.95	.93	.93	.91	.90	.87	.86	.82	.83	.80	.79	.77	.71
H25	.12	OVER 40,000 LBS THRU 100,000 LBS	1.16	1.07	1.01	1.00	.93	.95	.94	.93	.91	.90	.87	.86	.82	.83	.80	.79	.78	.72
H25	.13	OVER 100,000 LBS THRU 160,000 LBS	1.16	1.07	1.01	1.00	.93	.95	.94	.93	.91	.90	.87	.86	.82	.83	.80	.79	.78	.72
H25	.14	OVER 160,000 LBS	1.16	1.07	1.01	1.00	.93	.95	.94	.93	.92	.90	.88	.86	.83	.84	.81	.80	.79	.73
H25	.21	EXCAVATOR ATTACHMENTS, MOBILE SHEARS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
H25	.22	EXCAVATOR ATTACHMENTS, MATERIAL HANDLING	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
H25	.23	EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H25	.24	EXCAVATOR ATTACHMENTS, COMPACTORS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
H30	.01	0 THRU 1.0 CY	1.17	1.07	1.01	1.00	.93	.95	.93	.93	.91	.90	.87	.86	.82	.83	.80	.79	.77	.71
H30	.02	OVER 1.0 CY	1.17	1.07	1.01	1.00	.93	.95	.94	.93	.91	.90	.87	.86	.82	.83	.80	.79	.77	.72
H35	.11	DIESEL, 0 CY THRU 5.0 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.87	.83	.84	.81	.80	.79	.74
H35	.12	DIESEL, OVER 5.0 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.81	.80	.79	.74
H35	.21	ELECTRIC, OVER 2.5 CY	1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.88	.87	.84	.84	.82	.81	.79	.74
L10	.00	LAND CLEARING EQUIPMENT	1.18	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.74	.71	.69	.65
L15	.00	LANDSCAPING EQUIPMENT	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
L20	.10	LIGHTING SETS, TRAILER MOUNTED	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
L25	.00	LINE STRIPING EQUIPMENT	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
L30	.00	LOADERS, BELT (Conveyor belts) & ACCESSORIES	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.18	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.74	.71	.69	.65
L40	.11	ARTICULATED, 0 THRU 225 HP	1.20	1.07	1.03	1.00	.93	.92	.91	.90	.89	.88	.84	.78	.74	.75	.72	.69	.67	.63
L40	.12	ARTICULATED, OVER 225 HP	1.18	1.07	1.02	1.00	.94	.92	.92	.90	.90	.89	.85	.80	.76	.77	.74	.71	.69	.66
L40	.20	SKID STEER	1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.73	.70	.69	.65
L40	.21	SKID STEER ATTACHMENTS	1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.88	.84	.79	.75	.76	.73	.70	.68	.64
L40	.31	TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225 HP	1.20	1.07	1.03	1.00	.93	.92	.91	.90	.89	.88	.84	.78	.74	.75	.72	.69	.67	.63
L40	.32	TOOL CARRIER & TELESCOPIC HANDLERS, OVER 225 HP	1.17	1.06	1.02	1.00	.94	.93	.92	.91	.90	.89	.86	.81	.78	.78	.75	.72	.71	.68
L45	.00	LOADERS / BACKHOE, CRAWLER TYPE	1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.73	.70	.69	.65
L50	.00	LOADERS / BACKHOE, WHEEL TYPE	1.20	1.07	1.03	1.00	.93	.92	.91	.90	.89	.88	.84	.78	.74	.75	.72	.69	.67	.63

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
L55	.00	LOADER / BACKHOE, ATTACHMENTS	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
L60	.00	LOG SKIDDERS	1.21	1.11	1.02	1.00	.98	.94	.93	.92	.90	.86	.84	.81	.79	.78	.75	.71	.67	.63
M10	.11	AQUATIC MAINTENANCE	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.90	.89	.88	.86	.83	.79	.76	.72	.69
M10	.12	AQUATIC MAINTENANCE ATTACHMENTS	1.13	1.06	1.02	1.00	.97	.96	.94	.93	.92	.90	.88	.87	.85	.82	.78	.74	.70	.67
M10	.21	HYDRAULIC CUTTERHEAD DREDGE, 8" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.71
M10	.22	HYDRAULIC CUTTERHEAD DREDGE, 8" - 12", TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.71
M10	.23	HYDRAULIC AUGERHEAD DREDGE, 12" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.71
M10	.24	HYDRAULIC FLOATING PUMPS, 12" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.86	.84	.81	.77	.74	.71
M10	.25	HYDRAULIC DREDGE PUMPS, 12" OR LESS, TRANSPORTABLE	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.90	.89	.88	.85	.83	.79	.76	.72	.69
M10	.26	HYDRAULIC DREDGE / PUMP ATTACHMENTS	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.90	.89	.88	.85	.83	.79	.76	.72	.69

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
M10 .31	SMALL MECH DREDGES, CLAMSHELL, BARGE-MTD TO 5 CY	1.14	1.06	1.01	1.00	.94	.96	.94	.94	.93	.91	.89	.88	.85	.85	.83	.82	.81	.81	.76
M10 .32	SMALL MECH DREDGES, AMPHIBIOUS EXCAVATORS	1.15	1.06	1.01	1.00	.94	.96	.94	.94	.92	.91	.89	.87	.84	.85	.82	.81	.80	.80	.75
M10 .33	SMALL MECH DREDGES, HOE-MOUNTED DREDGING ATTACH	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.93	.91	.89	.88	.86	.84	.80	.77	.73	.73	.70
M10 .41	WORK FLOATS (SECTIONAL, NON-DREDGING)	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.88	.86	.84	.80	.77	.74	.74	.71
M10 .42	WORK BARGES (SECTIONAL, NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.75	.75	.72
M10 .45	FLAT-DECK OR CARGO BARGE (NON-DREDGING)	1.11	1.04	1.02	1.00	.98	.97	.95	.95	.93	.92	.91	.90	.88	.86	.82	.79	.76	.76	.73
M10 .46	DUMP SCOW (NON-DREDGING)	1.11	1.04	1.02	1.00	.98	.97	.95	.95	.93	.92	.91	.90	.88	.86	.82	.79	.76	.76	.73
M10 .47	DRILL BARGE (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.92	.90	.89	.87	.85	.82	.79	.75	.75	.73
M10 .48	ALL OTHER BARGES (NON-DREDGING)	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.92	.90	.89	.87	.85	.82	.79	.75	.75	.73
M10 .51	BOATS & LAUNCHES, 0 THRU 250 HP	1.12	1.05	1.02	1.00	.97	.96	.95	.94	.92	.91	.89	.88	.86	.84	.80	.76	.73	.73	.70

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
M10	.53	BOATS & LAUNCHES, GREATER THAN 250 HP	1.11	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89	.87	.85	.81	.78	.74	.71
M10	.54	TUGS, UNDER 1,000 HP	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.91	.90	.89	.87	.85	.81	.78	.75	.72
M10	.55	TUGS, GREATER THAN 1,000 HP	1.11	1.05	1.02	1.00	.98	.96	.95	.95	.93	.91	.90	.89	.87	.85	.82	.79	.75	.72
P10	.00	PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS	1.24	1.11	1.03	1.00	.93	.92	.91	.89	.87	.85	.81	.76	.72	.71	.67	.63	.60	.56
P20	.10	PILE HAMMERS, DOUBLE ACTING - DIESEL	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.72	.69	.66	.62
P20	.20	PILE HAMMERS, DOUBLE ACTING - PNEUMATIC (STEAM/AIR)	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
P25	.10	PILE HAMMERS, SINGLE ACTING - DIESEL	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
P25	.20	PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/AIR)	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P30	.00	PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
P35	.00	PIPELAYERS	1.18	1.07	1.02	1.00	.94	.92	.92	.90	.90	.89	.85	.80	.76	.77	.74	.71	.69	.66
P40	.00	PLATFORMS & MAN-LIFTS	1.14	1.06	1.01	1.00	.94	.96	.95	.94	.93	.91	.89	.88	.85	.86	.83	.82	.81	.76

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
P45	.00	PUMPS, GROUT	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P50	.11	ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P50	.12	ELECTRIC DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P50	.21	WHEEL MOUNTED, ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P50	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P50	.31	PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP, SUCTION & DISCHARGE	1.17	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.74	.72	.69
P55	.01	ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P55	.02	ELECTRIC DRIVE (PROVIDE POWER SOURCE)	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P60	.11	SKID MOUNTED, ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P60	.12	SKID MOUNTED, ELECTRIC DRIVE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =		2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
P60	.21	WHEEL MOUNTED, ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P60	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P65	.11	SKID MOUNTED, ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P65	.12	SKID MOUNTED, ELECTRIC DRIVE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P65	.21	WHEEL MOUNTED, ENGINE DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
P65	.22	WHEEL MOUNTED, ELECTRIC DRIVE	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
P70	.01	PUMPS, WATER (For core drills) - ENGINE DRIVE	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.73	.69	.67	.63
P70	.02	PUMPS, WATER (For core drills) - ELECTRIC DRIVE	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.73	.69	.67	.63
R10	.00	RIPPERS (Add cost for point wear)	1.19	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.73	.70	.69	.65
R15	.00	ROLLERS, STATIC, TOWED, PNEUMATIC	1.22	1.12	1.02	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.70	.65	.61
R20	.00	ROLLERS, STATIC, TOWED, STEEL DRUM	1.22	1.12	1.02	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.70	.65	.61

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
R30	.01	PNEUMATIC	1.21	1.11	1.02	1.00	.98	.94	.93	.92	.90	.86	.84	.81	.79	.78	.76	.71	.67	.63
R30	.02	SMOOTH DRUM	1.20	1.11	1.02	1.00	.98	.94	.93	.92	.90	.86	.84	.82	.79	.79	.76	.71	.67	.64
R30	.03	TAMPING FOOT, LANDFILL & SOIL COMPACTORS	1.22	1.12	1.02	1.00	.97	.94	.93	.91	.89	.85	.83	.81	.78	.77	.74	.70	.66	.62
R40	.00	ROLLERS, VIBRATORY, TOWED	1.22	1.12	1.03	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.69	.65	.61
R45	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM	1.22	1.12	1.03	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.69	.65	.61
R50	.00	ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM	1.24	1.13	1.03	1.00	.97	.93	.92	.91	.88	.84	.82	.79	.76	.75	.72	.67	.63	.58
R55	.00	ROOFING EQUIPMENT	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
S10	.01	0 THRU 200 HP	1.14	1.06	1.02	1.00	.93	.95	.95	.93	.91	.90	.86	.77	.73	.71	.67	.64	.63	.60
S10	.02	OVER 200 HP	1.15	1.07	1.02	1.00	.93	.95	.95	.93	.91	.89	.85	.76	.72	.70	.65	.62	.61	.58
S15	.00	SCRAPERS, CONVENTIONAL	1.14	1.06	1.02	1.00	.93	.95	.95	.93	.92	.90	.86	.77	.74	.72	.68	.64	.63	.60
S20	.00	SCRAPERS, TANDEM POWERED	1.14	1.06	1.02	1.00	.93	.95	.95	.93	.92	.90	.86	.77	.74	.72	.68	.64	.63	.60

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
S25	.00	SCRAPERS, TRACTOR DRAWN	1.14	1.06	1.02	1.00	.93	.95	.95	.93	.91	.90	.86	.77	.73	.72	.67	.64	.63	.60
S30	.10	CONVEYORS	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
S30	.20	CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTOR	1.16	1.07	1.02	1.00	.96	.95	.94	.93	.91	.90	.87	.84	.81	.81	.78	.75	.73	.70
S30	.21	CRUSHERS - CONE	1.16	1.07	1.02	1.00	.96	.95	.94	.93	.91	.90	.87	.84	.81	.81	.78	.75	.73	.70
S30	.22	CRUSHERS - JAW	1.16	1.07	1.02	1.00	.96	.95	.94	.93	.91	.90	.87	.84	.81	.81	.78	.75	.73	.70
S30	.30	SCREENING PLANT	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
S35	.00	SNOW REMOVAL EQUIPMENT	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
S40	.00	SOIL & ROAD STABILIZERS	1.14	1.06	1.02	1.00	.93	.95	.95	.93	.91	.90	.86	.77	.73	.71	.67	.64	.63	.60
S45	.00	SPLITTERS, ROCK & CONCRETE	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
T10	.00	TRACTOR BLADES & ATTACHMENTS (including agricultural)	1.18	1.07	1.03	1.00	.93	.92	.91	.90	.90	.89	.85	.80	.76	.76	.74	.71	.69	.65
T15	.01	0 THRU 225 HP	1.21	1.08	1.03	1.00	.92	.91	.90	.89	.88	.87	.83	.77	.73	.73	.70	.66	.64	.60

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T15	.02	226 HP THRU 425 HP	1.20	1.07	1.03	1.00	.93	.92	.91	.90	.89	.88	.84	.79	.75	.75	.72	.69	.67	.63
T15	.03	OVER 425 HP	1.18	1.07	1.02	1.00	.94	.92	.92	.91	.90	.89	.85	.80	.77	.77	.74	.71	.70	.66
T20	.00	TRACTORS, WHEEL TYPE (DOZER)	1.20	1.11	1.02	1.00	.98	.94	.94	.92	.90	.86	.84	.81	.79	.78	.76	.71	.67	.64
T25	.10	CRAWLER	1.21	1.11	1.02	1.00	.98	.94	.93	.92	.90	.86	.84	.81	.79	.78	.75	.71	.67	.63
T25	.20	WHEEL	1.21	1.11	1.02	1.00	.98	.94	.93	.92	.90	.86	.84	.81	.79	.78	.75	.71	.67	.63
T30	.00	TRENCHERS, CHAIN TYPE CUTTER	1.22	1.12	1.03	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.69	.65	.61
T35	.00	TRENCHERS, WHEEL TYPE CUTTER	1.22	1.12	1.03	1.00	.97	.94	.93	.91	.89	.85	.83	.80	.78	.77	.74	.69	.65	.61
T40	.10	CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
T40	.20	DUMP BODY, REAR	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.75	.73	.69
T40	.30	FLATBEDS, WITH SIDES	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
T40	.41	HOIST, ELECTRIC DRIVE	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T40	.50	TRANSIT MIXERS	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.76	.73	.71	.67
T40	.60	WATER TANKS	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.73	.69	.67	.63
T40	.70	ALL OTHER OPTIONS	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.77	.74	.71	.69	.65
T45	.10	BOTTOM DUMP	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
T45	.20	END / SIDE DUMP	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
T45	.30	PUP TRAILER	1.17	1.07	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.80	.77	.75	.73	.69
T45	.41	LOWBOY, RIGID NECK, DROP DECK	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
T45	.50	FLATBED TRAILER	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
T45	.60	MISCELLANEOUS / UTILITY	1.17	1.07	1.02	1.00	.95	.94	.93	.93	.91	.90	.87	.83	.80	.80	.77	.75	.73	.69
T45	.70	WATER TANKER TRAILER	1.20	1.09	1.02	1.00	.95	.93	.92	.91	.89	.87	.84	.80	.76	.76	.73	.70	.67	.63
T45	.80	DECONTAMINATION FACILITY	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.73	.69	.67	.63

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T45	.90	TANK TRAILERS	1.20	1.09	1.02	1.00	.95	.93	.92	.91	.89	.87	.84	.80	.76	.76	.73	.70	.67	.63
T50	.01	0 THRU 10,000 GVW	1.11	1.04	1.02	1.00	.96	.96	.95	.93	.91	.89	.86	.80	.77	.74	.70	.67	.64	.61
T50	.02	OVER 10,000 THRU 30,000 GVW (Chassis only - Add options)	1.11	1.04	1.02	1.00	.96	.96	.95	.93	.91	.89	.86	.80	.77	.75	.70	.67	.65	.61
T50	.03	OVER 30,000 GVW (Chassis only - Add options)	1.11	1.04	1.02	1.00	.96	.96	.95	.93	.91	.89	.86	.80	.77	.75	.70	.68	.65	.62
T55	.10	RIGID FRAME	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.82	.81	.80	.76	.74	.70
T55	.20	ARTICULATED FRAME	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.81	.81	.79	.76	.74	.70
T56	.10	PRIME MOVER TRACTORS	1.15	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.82	.82	.80	.77	.75	.71
T56	.20	WAGONS, BOTTOM DUMP	1.16	1.08	1.02	1.00	.95	.92	.91	.89	.87	.85	.84	.82	.81	.80	.78	.75	.73	.69
T56	.30	WAGONS, REAR DUMP	1.17	1.08	1.02	1.00	.95	.92	.90	.89	.87	.85	.84	.82	.80	.80	.78	.75	.73	.68
T57	.00	TRUCKS, VACUUM	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
T60	.00	TRUCKS, WATER, OFF-HIGHWAY	1.17	1.08	1.02	1.00	.95	.92	.90	.89	.87	.85	.84	.82	.80	.80	.78	.75	.73	.68

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
T65	.10	DRIFTING & TUNNELING DRILLS	1.11	1.03	1.00	1.00	.98	.97	.97	.96	.94	.92	.90	.87	.84	.83	.80	.75	.69	.63
T65	.20	TUNNEL BORING MACHINES	1.17	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.87	.83	.80	.79	.77	.74	.72	.68
T65	.30	PRODUCTION DRILLING RIGS	1.11	1.03	1.00	1.00	.98	.97	.97	.95	.94	.92	.90	.87	.84	.83	.80	.75	.69	.63
T65	.40	ROADHEADERS & CONTINUOUS MINERS	1.17	1.08	1.02	1.00	.95	.94	.93	.92	.91	.89	.86	.82	.79	.79	.77	.74	.72	.68
T65	.50	ROCK BOLTING EQUIPMENT	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.72	.69	.66
T65	.62	LOADING & HAULING EQUIPMENT, ELECTRIC	1.18	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.86	.81	.78	.78	.75	.72	.70	.66
T65	.63	LOADING & HAULING EQUIPMENT, AIR-POWERED	1.20	1.09	1.02	1.00	.95	.93	.92	.91	.89	.87	.84	.80	.76	.76	.73	.70	.67	.63
T65	.70	LOCOMOTIVES	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.72	.69	.66
T65	.90	OTHER TUNNELING EQUIPMENT	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.85	.81	.78	.78	.75	.71	.69	.65
W10	.00	WAGONS, BOTTOM DUMP	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.82	.81	.79	.76	.74	.70

Equipment Age Adjustment Factors for Standby Cost

Region:	3	Life in Years =	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Type of Equipment	Purchase year =	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	
W15	.00	WAGONS, REAR DUMP	1.16	1.08	1.02	1.00	.95	.92	.91	.90	.88	.86	.85	.83	.82	.81	.79	.76	.74	.70
W25	.10	LOW PRESSURE, (< 5,000 PSI)	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64
W25	.20	HIGH PRESSURE, (>= 5,000 PSI)	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64
W25	.30	STEAM CLEANERS	1.19	1.09	1.02	1.00	.95	.94	.92	.91	.90	.88	.85	.80	.77	.77	.74	.71	.68	.64
W25	.40	CO2 BLASTERS	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65
W25	.50	WET ABRASIVE BLASTING SYSTEM (TORBO)	1.23	1.10	1.03	1.00	.94	.92	.91	.90	.88	.85	.82	.77	.73	.72	.69	.65	.62	.57
W30	.10	PORTABLE WITH WHEELS	1.17	1.08	1.02	1.00	.95	.91	.90	.89	.87	.85	.84	.82	.80	.80	.78	.75	.73	.68
W30	.20	SKID MOUNTED	1.17	1.08	1.02	1.00	.95	.91	.90	.89	.87	.85	.84	.82	.80	.80	.78	.75	.73	.68
W35	.10	ENGINE DRIVEN	1.20	1.09	1.02	1.00	.94	.93	.92	.91	.89	.87	.84	.79	.76	.76	.73	.69	.67	.63
W35	.20	ELECTRIC DRIVEN	1.19	1.09	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65

Area Factors

Region: 3 SOUTHEAST

Total State Sales or Import Tax Rate:	7.75%	
Working Hours Per Year (WHPY):	1,490	hrs/yr
Labor Adjustment Factor (LAF):	0.90	
Electricity Cost Per Kilowatt-Hour:	\$0.116	/kW-Hr
Gasoline Cost Per Gallon:	\$3.87	/gal
*Diesel Cost Per Gallon (Off-Road Use):	\$4.44	/gal
*Diesel Cost Per Gallon (On-Road Use):	\$5.31	/gal
Marine Cost Per Gallon (Gasoline)	\$5.81	/gal
Marine Cost Per Gallon (Diesel)	\$5.96	/gal
Cost-of-Money Rate (Full Rate):	1.625%	
Cost-of-Money Rate (Adjusted):	1.30%	
Diesel Emissions Fluid:	\$4.20	/gal
DEF Usage Rate:	5.000%	

Freight Rates

over	0 cwt	thru	240	cwt = \$30.02
over	240 cwt	thru	300	cwt = \$22.29
over	300 cwt	thru	400	cwt = \$18.59
over	400 cwt	thru	500	cwt = \$16.24
over	500 cwt	thru	700	cwt = \$18.08
over	700 cwt	thru	800	cwt = \$15.49
over	800 cwt			= \$5.31

*DEF Included at DEF Usage Rate Listed