

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.10 SELF PROPELLED

ROSCO, A LeeBoy COMPANY										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
A10RS009	CSV	CHIP SPREADER, SELF-PROPELLED, 0' - 16' WIDTH, 3.5 CY HOPPER							\$313,948	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	\$1.86	\$32.79	\$44.04	\$4.76	\$0.90	\$0.14	\$37.33	\$87.18	\$119.97
Standby	\$15.47	\$1.86							\$17.33	

A10 0.20 TOWED & TAILGATE

PAVEMENT TECHNOLOGIES INTERNATIONAL										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
A10PV001	GS 84	CHIP SPREADER, TAILGATE, 8' WIDE (ADD DUMP TRUCK)							\$3,973	D-Off
										7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.53	\$0.02	\$0.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.51	\$0.51	\$1.06
Standby	\$0.27	\$0.02							\$0.29	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.20 TOWED & TAILGATE

SEALMASTER, INC.											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
A10SE003	R-1 TAILGATE	CHIP SPREADER, TAILGATE, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)								\$27,187	D-Off
											CWT
											30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.62	\$0.17	\$3.79	\$0.00	\$0.00	\$0.00	\$0.00	\$3.49	\$3.49	\$7.28	
Standby	\$1.81	\$0.17							\$1.98		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
A10SE004	R-1 TOWED	CHIP SPREADER, TOWED, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)								\$30,579	D-Off
											CWT
											30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.08	\$0.19	\$4.27	\$0.00	\$0.00	\$0.00	\$0.00	\$3.92	\$3.92	\$8.19	
Standby	\$2.04	\$0.19							\$2.23		

\* - 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
A15DP001	C185WDZ-T4F	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$20,665	D-Off	49	HP	23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.63	\$0.12	\$1.75	\$8.31	\$1.05	\$0.06	\$0.01	\$1.88	\$11.30	\$13.05			
Standby	\$0.82	\$0.12							\$0.94				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15DP002	HP375WCU-T4F	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$56,703	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	\$22.89	\$2.89	\$0.06	\$0.01	\$5.19	\$31.03	\$35.87			
Standby	\$2.26	\$0.33							\$2.59				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15DP003	VHP400WCU-T4F	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)							\$66,160	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	\$29.33	\$3.70	\$0.08	\$0.01	\$6.05	\$39.18	\$44.82			
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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15DP004	HP450WCU-T4F	AIR COMPRESSOR, 450 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$66,160	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	\$29.33	\$3.70	\$0.08	\$0.01	\$6.05	\$39.18	\$44.82			
Standby	\$2.63	\$0.38							\$3.01				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15DP012	HP750WCU-T4F	AIR COMPRESSOR, 750 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$105,428	D-Off	266	HP	87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.38	\$0.61	\$8.99	\$45.10	\$5.69	\$0.13	\$0.02	\$9.64	\$60.58	\$69.57			
Standby	\$4.19	\$0.61							\$4.80				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15DP013	XP825WCU-T4F	AIR COMPRESSOR, 825 CFM, 125 PSI, TRAILER MTD (ADD HOSE)							\$105,428	D-Off	266	HP	87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.38	\$0.61	\$8.99	\$45.10	\$5.69	\$0.13	\$0.02	\$9.64	\$60.58	\$69.57			
Standby	\$4.19	\$0.61							\$4.80				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)							\$124,012	D-Off	305	HP		105
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$9.87	\$0.72	\$10.59		\$51.72	\$6.52	\$0.13	\$0.02	\$11.35	\$69.74		\$80.33		
Standby	\$4.94	\$0.72								\$5.66				
									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)							\$125,109	D-Off	305	HP		105
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$9.96	\$0.72	\$10.68		\$51.72	\$6.52	\$0.13	\$0.02	\$11.45	\$69.84		\$80.52		
Standby	\$4.98	\$0.72								\$5.70				
									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)							\$222,580	D-Off	536	HP		199
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$17.74	\$1.29	\$19.03		\$90.88	\$11.46	\$0.17	\$0.03	\$20.39	\$122.93		\$141.96		
Standby	\$8.87	\$1.29								\$10.16				

\* - 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
A15DP017	P250-T4F	AIR COMPRESSOR, 250 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$27,260	D-Off 74 HP 27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.16	\$0.16	\$2.32	\$12.55	\$1.58	\$0.06	\$0.01	\$2.48	\$16.69	\$19.01
Standby	\$1.08	\$0.16							\$1.24	

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15XX019	50G	AIR COMPRESSOR, 50 CFM, 100 PSI, CART MTD (ADD HOSE)							\$10,399	Gas 21 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.83	\$0.06	\$0.89	\$6.60	\$0.95	\$0.00	\$0.00	\$0.96	\$8.51	\$9.40
Standby	\$0.42	\$0.06							\$0.48	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15XX020	60G	AIR COMPRESSOR, 60 CFM, 100 PSI, CART MTD (ADD HOSE)							\$10,475	Gas 18 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	\$5.65	\$0.81	\$0.00	\$0.00	\$0.96	\$7.43	\$8.33
Standby	\$0.42	\$0.06							\$0.48	

\* - 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
A15XX021	100D	AIR COMPRESSOR, 100 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$15,398	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	\$3.56	\$0.45	\$0.06	\$0.01	\$1.39	\$5.47	\$6.77			
Standby	\$0.61	\$0.09							\$0.70				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15XX028	185D	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$22,350	D-Off	49	HP	23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.76	\$0.13	\$1.89	\$8.31	\$1.05	\$0.06	\$0.01	\$2.03	\$11.46	\$13.35			
Standby	\$0.88	\$0.13							\$1.01				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15XX030	265D	AIR COMPRESSOR, 265 CFM, 205 PSI, TRAILER MTD (ADD HOSE)							\$46,630	D-Off	104	HP	27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.71	\$0.27	\$3.98	\$17.63	\$2.22	\$0.06	\$0.01	\$4.26	\$24.19	\$28.17			
Standby	\$1.86	\$0.27							\$2.13				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

NO SPECIFIC MANUFACTURER									
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				
			7/1/2019		Main	Carrier	CWT		
A15XX031	300D	AIR COMPRESSOR, 300 CFM, 175 PSI, TRAILER MTD (ADD HOSE)	\$47,450		D-Off	104	HP		41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$3.77	\$0.27	\$4.04	\$17.63	\$2.22	\$0.06	\$0.01	\$4.34	\$24.26 \$28.30
Standby	\$1.89	\$0.27							\$2.16
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				
			7/1/2019		Main	Carrier	CWT		
A15XX032	375D	AIR COMPRESSOR, 375 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	\$47,450		D-Off	104	HP		41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$3.77	\$0.27	\$4.04	\$17.63	\$2.22	\$0.06	\$0.01	\$4.34	\$24.26 \$28.30
Standby	\$1.89	\$0.27							\$2.16
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				
			7/1/2019		Main	Carrier	CWT		
A15XX036	740	AIR COMPRESSOR, 740 CFM, 175 PSI, TRAILER MTD (ADD HOSE)	\$119,381		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	\$48.83	\$6.16	\$0.06	\$0.01	\$10.95	\$66.01 \$76.23
Standby	\$4.77	\$0.69							\$5.46

\* - Adjustable Elements



**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## A15 AIR COMPRESSORS

**A15 0.10 ROTARY SCREW**

SULLAIR CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15SR002	900XHH/1150 XH	AIR COMPRESSOR, 900 CFM @ 350 PSI, 1150 CFM @ 500 PSI, TRAILER MTD (ADD HOSE)							\$288,059	D-Off	540	HP	161
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$22.97	\$1.67	\$24.64		\$91.56	\$11.55	\$0.19	\$0.03	\$26.40	\$129.73		\$154.37	
Standby	\$11.49	\$1.67								\$13.16			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15SR004	185-KUB	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$25,497	D-Off	49	HP	22
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$2.02	\$0.15	\$2.17		\$8.31	\$1.05	\$0.05	\$0.01	\$2.32	\$11.74		\$13.91	
Standby	\$1.01	\$0.15								\$1.16			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A15SR008	375H	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$67,556	D-Off	122	HP	46
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$5.38	\$0.39	\$5.77		\$20.69	\$2.61	\$0.06	\$0.01	\$6.18	\$29.56		\$35.33	
Standby	\$2.69	\$0.39								\$3.08			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15SR009	425H	AIR COMPRESSOR, 425 CFM, 100 PSI, TRAILER MTD (ADD HOSE)							\$71,386	D-Off 157 HP 49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.69	\$0.41	\$6.10	\$26.62	\$3.36	\$0.06	\$0.01	\$6.54	\$36.59	\$42.69
Standby	\$2.85	\$0.41							\$3.26	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15SR014	1600H	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$262,411	D-Off 540 HP 191
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.83	\$1.52	\$22.35	\$91.56	\$11.55	\$0.41	\$0.07	\$23.96	\$127.55	\$149.90
Standby	\$10.42	\$1.52							\$11.94	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15SR015	800HH/900HD PQ	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE)							\$156,732	D-Off 302 HP 118
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.37	\$0.91	\$13.28	\$51.21	\$6.46	\$0.42	\$0.07	\$14.25	\$72.41	\$85.69
Standby	\$6.19	\$0.91							\$7.10	

\* - 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
									7/1/2019	Main      Carrier      CWT
A15SR018	400HH	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)							\$70,472	D-Off   157    HP      49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.61	\$0.41	\$6.02	\$26.62	\$3.36	\$0.06	\$0.01	\$6.45	\$36.50	\$42.52
Standby	\$2.81	\$0.41							\$3.22	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
A15SR019	E900H (ELECTRIC)	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE) REQUIRES 200KW, 460V, 3P POWER SOURCE							\$121,104	Elec   214    HP      118
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.64	\$0.70	\$10.34	\$16.37	\$8.28	\$0.12	\$0.02	\$11.08	\$35.87	\$46.21
Standby	\$4.82	\$0.70							\$5.52	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15XX041	14E	AIR COMPRESSOR, 14 CFM, 80 GAL (ADD HOSE)							\$1,683	Elec 14 HP 7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.12	\$0.01	\$0.13	\$1.07	\$0.54	\$0.00	\$0.00	\$0.11	\$1.72	\$1.85
Standby	\$0.06	\$0.01							\$0.07	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15XX045	98	AIR COMPRESSOR, 98 CFM, 120 GAL (ADD HOSE)							\$15,065	Elec 30 HP 16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.07	\$0.08	\$1.15	\$2.30	\$1.16	\$0.00	\$0.00	\$1.00	\$4.46	\$5.61
Standby	\$0.54	\$0.08							\$0.62	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
A15XX050	R75-A125	AIR COMPRESSOR, 499 CFM @ 115 PSI, 460 VOLT (ADD PIPING)							\$37,240	Elec 100 HP 16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.64	\$0.21	\$2.85	\$7.65	\$3.87	\$0.00	\$0.00	\$2.47	\$13.99	\$16.84
Standby	\$1.32	\$0.21							\$1.53	

\* - 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				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
A15XX051	2475N7.5-V	AIR COMPRESSOR, 24 CFM, 80 GAL (ADD HOSE)			\$2,963	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	\$0.57	\$0.29	\$0.00	\$0.00	\$0.20	\$1.05	\$1.28
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				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
A20XX001	3618-0011	AIR HOSE, 0.75", 50', AIR DRILL 500			\$939					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	\$0.49	\$0.49	\$0.75
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX002	3618-0021	AIR HOSE, 1.00", 100', AIR DRILL 500							\$2,103	
										1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.57	\$0.01	\$0.58	\$0.00	\$0.00	\$0.00	\$0.00	\$1.10	\$1.10	\$1.68
Standby	\$0.29	\$0.01							\$0.30	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX003	3618-0031	AIR HOSE, 1.25", 100', AIR DRILL 500							\$2,599	
										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	\$1.36	\$1.36	\$2.09
Standby	\$0.36	\$0.02							\$0.38	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX004	3618-0041	AIR HOSE, 1.50", 100', AIR DRILL 500							\$3,382	
										1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.92	\$0.02	\$0.94	\$0.00	\$0.00	\$0.00	\$0.00	\$1.78	\$1.78	\$2.72
Standby	\$0.46	\$0.02							\$0.48	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX005	3618-0051	AIR HOSE, 2.00", 100', AIR DRILL 500							\$4,763	
										1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.29	\$0.03	\$1.32	\$0.00	\$0.00	\$0.00	\$0.00	\$2.50	\$2.50	\$3.82
Standby	\$0.65	\$0.03							\$0.68	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX006	3618-0205	AIR HOSE, 2.50", 100', AIR DRILL 500							\$5,902	
										3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.60	\$0.04	\$1.64	\$0.00	\$0.00	\$0.00	\$0.00	\$3.10	\$3.10	\$4.74
Standby	\$0.80	\$0.04							\$0.84	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20XX007	3618-0215	AIR HOSE, 3.00", 100', AIR DRILL 500							\$7,172	
										4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.95	\$0.05	\$2.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3.77	\$3.77	\$5.77
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	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
A20CM017			24750			SANDBLAST HOSE, 0.75"ID, 100' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY			\$833	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	\$0.48	\$0.48	\$0.72
Standby	\$0.12	\$0.01							\$0.13	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
A20CM018			23448			SANDBLAST HOSE, 1.00"ID, 50' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY			\$445	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	\$0.26	\$0.26	\$0.38
Standby	\$0.06	\$0.00							\$0.06	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
A20CM019			23453			SANDBLAST HOSE, 1.50"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY			\$1,082	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	\$0.62	\$0.62	\$0.92
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20CM020	23451	SANDBLAST HOSE, 1.25"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY							\$897	
										CWT
										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	\$0.52	\$0.52	\$0.77
Standby	\$0.12	\$0.01							\$0.13	

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

BLAST ONE										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20B1001	725 CF HOPPER	SANDBLAST ABBRASIVE STORAGE HOPPER, 725 CF, 8' X 10' X 8' BOX WITH 9' DRIVE THROUGH CLEARANCE							\$30,875	
										CWT
										60
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.63	\$0.18	\$4.81	\$0.00	\$0.00	\$0.00	\$0.00	\$9.46	\$9.46	\$14.27
Standby	\$2.32	\$0.18							\$2.50	

\* - 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
A20CK001	CP-0014RR	ROTARY / CHIP HAMMER, 15 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)							\$1,517	
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair
		Average	\$0.23	\$0.01	\$0.24	\$0.00	\$0.12	\$0.00	\$0.00	\$0.46
		Standby	\$0.12	\$0.01						
									\$0.58	\$0.82
									\$0.13	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20CK002	CP-0009A	ROTARY / CHIP HAMMER, 8 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)							\$965	
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair
		Average	\$0.14	\$0.01	\$0.15	\$0.00	\$0.10	\$0.00	\$0.00	\$0.30
		Standby	\$0.07	\$0.01						
									\$0.40	\$0.55
									\$0.08	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
A20CK003	CP-0022	ROCK DRILL, 30 LB, AIR (ADD 50 CFM COMPRESSOR & BIT COSTS)							\$1,626	
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair
		Average	\$0.24	\$0.01	\$0.25	\$0.00	\$0.17	\$0.00	\$0.00	\$0.50
		Standby	\$0.12	\$0.01						
									\$0.67	\$0.92
									\$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.												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK005	CP-0069	ROCK DRILL, 55 LB, AIR (ADD 140 CFM COMPRESSOR & BIT COSTS)							\$2,256			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	\$0.69	\$0.88	\$1.23		
Standby	\$0.17	\$0.01							\$0.18			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK006	CP-0111-CHLA	BREAKER-FOUR BOLT, 25 LB (ADD 50 CFM COMPRESSOR & BIT COSTS)							\$1,156			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	\$0.35	\$0.50	\$0.68		
Standby	\$0.09	\$0.01							\$0.10			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
A20CK008	CP-1260-S	BREAKER-FOUR BOLT, 60 LB (ADD 65 CFM COMPRESSOR & BIT COSTS)							\$1,177			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	\$0.36	\$0.56	\$0.75		
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
A20CK010	CP-1290-S	BREAKER-FOUR BOLT, 90 LB (ADD 90 CFM COMPRESSOR & BIT COSTS)							\$1,263	
										CWT
										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	\$0.39	\$0.64	\$0.84
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
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)							\$5,021	
										CWT
										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	\$1.54	\$1.69	\$2.47
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											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	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)							\$5,537		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	\$1.70	\$1.95	\$2.81	
Standby	\$0.42	\$0.03							\$0.45		
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	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)							\$10,399		6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.56	\$0.06	\$1.62	\$0.00	\$0.25	\$0.00	\$0.00	\$3.19	\$3.44	\$5.06	
Standby	\$0.78	\$0.06							\$0.84		
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
A20CM013	25815	SANDBLASTER, 60 CF CAP, W/1.25"D X 100'L HOSE (ADD 450 CFM COMPRESSOR)							\$28,506		30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.20	\$0.17	\$4.37	\$0.00	\$0.35	\$0.08	\$0.01	\$8.59	\$9.03	\$13.40	
Standby	\$2.10	\$0.17							\$2.27		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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)							\$31,740		35
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.68	\$0.18	\$4.86	\$0.00	\$0.50	\$0.08	\$0.01	\$9.58	\$10.17	\$15.03	
Standby	\$2.34	\$0.18							\$2.52		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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)							\$24,104		45
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.54	\$0.14	\$3.68	\$0.00	\$0.50	\$0.08	\$0.01	\$7.24	\$7.83	\$11.51	
Standby	\$1.77	\$0.14							\$1.91		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
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)							\$18,516				16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.78	\$0.11	\$2.89	\$0.00	\$0.00	\$0.00	\$0.00	\$5.67	\$5.67	\$8.56			
Standby	\$1.39	\$0.11							\$1.50				

NO SPECIFIC MANUFACTURER													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
A20XX021	35LB BREAKER	PAVEMENT BREAKER, 35 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)							\$1,683				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	\$0.52	\$0.52	\$0.78			
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)	\$1,514				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	\$0.46	\$0.46 \$0.70
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)	\$1,813				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	\$0.56	\$0.56 \$0.84
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)	\$1,989				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	\$0.61	\$0.61 \$0.92
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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
A20XX026	37 LBS	BACKFILL TAMPER, 35-40 LB, HAND HELD (ADD 100 CFM COMPRESSOR)							\$1,687	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	\$0.52	\$0.52	\$0.78
Standby	\$0.13	\$0.01							\$0.14	

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

NO SPECIFIC MANUFACTURER										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
A25XX002	2000G	ASPHALT DISTRIBUTOR, 2000 GAL, 400 GPM, TRUCK MTD (INCLUDES 32,000 GVW TRUCK)							\$191,003	D-On 270 HP
										150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.96	\$1.11	\$29.07	\$47.12	\$5.94	\$1.08	\$0.17	\$33.98	\$88.29	\$117.36
Standby	\$13.98	\$1.11							\$15.09	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

ROSCO, A LeeBoy COMPANY													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
A25RS006	MAX 3B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 32,000 GVW TRUCK)							\$114,802				70
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$17.22	\$0.67	\$17.89		\$0.00	\$1.16	\$0.00	\$0.00	\$20.88	\$22.04	\$39.93		
Standby	\$8.61	\$0.67								\$9.28			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
A25RS008	MAX 2B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 42,000 GVW TRUCK)							\$112,611				97
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$16.89	\$0.65	\$17.54		\$0.00	\$1.80	\$0.00	\$0.00	\$20.48	\$22.28	\$39.82		
Standby	\$8.45	\$0.65								\$9.10			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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							\$534,186	D-Off 160	HP 319
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$55.68	\$3.07	\$58.75	\$25.62	\$3.23	\$2.28	\$0.36	\$84.33	\$115.83	\$174.58	
Standby	\$27.84	\$3.07							\$30.91		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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							\$542,796	D-Off 160	HP 346
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$57.67	\$3.12	\$60.79	\$25.62	\$3.23	\$0.00	\$0.00	\$87.09	\$115.94	\$176.73	
Standby	\$28.84	\$3.12							\$31.96		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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							\$613,144	D-Off 220	HP 385
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$63.58	\$3.52	\$67.10	\$35.23	\$4.44	\$4.03	\$0.64	\$96.37	\$140.71	\$207.81	
Standby	\$31.79	\$3.52							\$35.31		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

**A30 0.10 SELF PROPELLED**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

**A30 0.10 SELF PROPELLED**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30CA001	AP500F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, WHEEL, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$387,016	D-Off	142	HP	286
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$40.73	\$2.22	\$42.95		\$22.74	\$2.87	\$1.36	\$0.22	\$61.59	\$88.78	\$131.73		
Standby	\$20.37	\$2.22								\$22.59			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30CA002	AP-600F	ASPHALT PAVER, UP TO 21' 4" WIDTH, PAVEMASTER SCREED, WHEEL, 250 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$494,200	D-Off	173	HP	299
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$51.22	\$2.84	\$54.06		\$27.70	\$3.49	\$3.93	\$0.63	\$77.63	\$113.38	\$167.44		
Standby	\$25.61	\$2.84								\$28.45			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30CA003	AP-555F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED							\$401,419	D-Off	142	HP	300
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$42.65	\$2.30	\$44.95		\$22.74	\$2.87	\$0.00	\$0.00	\$64.41	\$90.01	\$134.96		
Standby	\$21.33	\$2.30								\$23.63			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30CA004	AP255EQ	ASPHALT PAVER, 1.5' - 10' PAVING WIDTH, UP TO 8" PAVING THICKNESS, CRAWLER, 109 CF HOPPER							\$143,025	D-Off	46	HP	99
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$15.20	\$0.82	\$16.02		\$7.37	\$0.93	\$0.00	\$0.00	\$22.95	\$31.25	\$47.27		
Standby	\$7.60	\$0.82								\$8.42			

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
A30CA008	AP-1000F	ASPHALT PAVER, 10' - 19.5' WIDE PAVEMASTER SCREED, WHEEL, 267 CF HOPPER							\$518,366	D-Off	225	HP	343	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$54.06	\$2.98	\$57.04		\$36.03	\$4.54	\$2.99	\$0.48	\$81.87	\$125.91	\$182.95			
Standby	\$27.03	\$2.98								\$30.01				

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
A30CA013	AP-655F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 250 CF HOPPER							\$467,541	D-Off	175	HP	348	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$49.68	\$2.68	\$52.36		\$28.02	\$3.53	\$0.00	\$0.00	\$75.01	\$106.57	\$158.93			
Standby	\$24.84	\$2.68								\$27.52				

\* - 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	\$649,899	D-Off	225	HP			368	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$69.05	\$3.73	\$72.78	\$36.03	\$4.54	\$0.00	\$0.00	\$104.27	\$144.85	\$217.63
Standby	\$34.53	\$3.73							\$38.26	

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	\$202,609	D-Off	74	HP			177	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.87	\$1.16	\$22.03	\$11.85	\$1.49	\$2.22	\$0.35	\$31.66	\$47.58	\$69.61
Standby	\$10.44	\$1.16							\$11.60	

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	\$236,863	D-Off	74	HP			189	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.17	\$1.36	\$26.53	\$11.85	\$1.49	\$0.00	\$0.00	\$38.00	\$51.35	\$77.88
Standby	\$12.59	\$1.36							\$13.95	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

GEHL COMPANY													
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30GC002	1448	ASPHALT PAVER, 4'-12' WIDE SCREED, CRAWLER, 8,000 LB HOPPER CAPACITY							\$51,320	D-Off	36.2	HP	78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.45	\$0.29	\$5.74	\$5.80	\$0.73	\$0.00	\$0.00	\$8.23	\$14.77	\$20.51			
Standby	\$2.73	\$0.29							\$3.02				

									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30GC004	1648	ASPHALT PAVER, 4'-13' WIDE SCREED, CRAWLER, 12,000 LB HOPPER CAPACITY							\$70,768	D-Off	47.4	HP	106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.52	\$0.41	\$7.93	\$7.59	\$0.96	\$0.00	\$0.00	\$11.35	\$19.90	\$27.83			
Standby	\$3.76	\$0.41							\$4.17				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
A30LD002	8616D	ASPHALT PAVER, 15.5' MAX PAVING WIDTH, 8" MAX DEPTH, CRAWLER, 9 TON HOPPER								\$283,262	D-Off 127 HP 235
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$30.10	\$1.63	\$31.73	\$20.34	\$2.57	\$0.00	\$0.00	\$45.45	\$68.35	\$100.08	
Standby	\$15.05	\$1.63							\$16.68		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
A30LD003	8510E	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER								\$216,151	D-Off 74 HP 177
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$22.97	\$1.24	\$24.21	\$11.85	\$1.49	\$0.00	\$0.00	\$34.68	\$48.02	\$72.23	
Standby	\$11.49	\$1.24							\$12.73		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
A30LD004	8500D	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER								\$174,159	D-Off 64 HP 158
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.50	\$1.00	\$19.50	\$10.25	\$1.29	\$0.00	\$0.00	\$27.94	\$39.49	\$58.99	
Standby	\$9.25	\$1.00							\$10.25		

\* - Adjustable Elements



**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

**A30 0.10 SELF PROPELLED**

**MIDLAND MACHINERY CO**

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30MP001	SPD-8	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-8' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER							\$214,641	D-Off	74	HP	192
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.37	\$1.23	\$23.60	\$11.85	\$1.49	\$0.72	\$0.11	\$33.88	\$48.06	\$71.66			
Standby	\$11.19	\$1.23							\$12.42				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A30MP002	SPD-10	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-10' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER							\$233,555	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	\$1.34	\$25.64	\$16.01	\$2.02	\$0.90	\$0.14	\$36.81	\$55.88	\$81.52			
Standby	\$12.15	\$1.34							\$13.49				

\* - 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
									7/1/2019	Main Carrier CWT
A30VO018			PF 7110B			ASPHALT PAVER/FINISHER, 10' WIDE SCREED, CRAWLER, 234 CF HOPPER			\$670,645	D-Off 235 HP 498
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.26	\$3.85	\$75.11	\$37.63	\$4.75	\$0.00	\$0.00	\$107.60	\$149.98	\$225.09
Standby	\$35.63	\$3.85							\$39.48	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
A30VO023			PF 4410B			ASPHALT PAVER, 8' WIDE SCREED, CRAWLER, 207 CF HOPPER			\$529,299	D-Off 155 HP 269
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.24	\$3.04	\$59.28	\$24.82	\$3.13	\$0.00	\$0.00	\$84.92	\$112.87	\$172.15
Standby	\$28.12	\$3.04							\$31.16	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.20 TOWED

J-PYOTT											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
A30JP001	CONTRACTOR GRADE	CONTRACTOR GRADE ASPHALT DRAG BOX, 8' - 10' ADJUSTABLE WIDTH, 0" - 8" PAVING THICKNESS (ADD 10 - 14 CY DUMP TRUCK)							\$10,385		15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.83	\$0.06	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$1.07	\$1.07	\$1.96	
Standby	\$0.42	\$0.06							\$0.48		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
A30JP002	MILITARY GRADE	ASPHALT PAVER, DRAG BOX ASPHALT SPREADER, 6'-10' ADJUSTABLE WIDTH, 0"-8" PAVING THICKNESS (ADD 10-14 CY DUMP TRUCK)							\$24,144		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	\$2.48	\$2.48	\$4.55	
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							\$263,600	D-Off	110	HP	130
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.80	\$1.51	\$20.31		\$15.02	\$1.59	\$0.98	\$0.16	\$16.66	\$34.40	\$54.71		
Standby	\$9.40	\$1.51								\$10.91			

									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)							\$218,970	D-Off	115	HP	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$15.93	\$1.26	\$17.19	\$15.71	\$1.67	\$0.00	\$0.00	\$14.05	\$31.43	\$48.62			
Standby	\$7.97	\$1.26							\$9.23				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

LEE-BOY														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
A30LD001	3000C	ASPHALT FORCE FEED LOADER, 30" WIDE BELT, WINDROW OR LOOSE, WHEEL (ADD ASPHALT PAVER UNIT)							\$275,023	D-Off	130	HP		235
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$21.55	\$1.59	\$23.14		\$18.98	\$2.39	\$1.72	\$0.27	\$27.78	\$51.15		\$74.29		
Standby	\$10.78	\$1.59								\$12.37				

ROADTEC														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
A30RT001	SB-1500	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 15 TON HOPPER, 600 TPH, 65" WIDE CONVEYOR, WHEEL							\$556,621	D-Off	300	HP		672
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$42.77	\$3.22	\$45.99		\$43.80	\$5.52	\$6.68	\$1.06	\$55.34	\$112.41		\$158.40		
Standby	\$21.39	\$3.22								\$24.61				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

ROADTEC										
			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier			CWT	
A30RT007	SB-2500E	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 1000 TPH, 69" WIDE CONVEYOR, WHEEL	\$583,311		D-Off	300	HP		780	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.84	\$3.38	\$49.22	\$43.80	\$5.52	\$3.13	\$0.50	\$59.05	\$112.00	\$161.22
Standby	\$22.92	\$3.38							\$26.30	

WEILER										
			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier			CWT	
A30WR001	E650C	ASPHALT PAVER, ASPHALT MATERIAL WINDROW ELEVATOR, 121" CONVEYOR WIDTH	\$173,304		D-Off	137	HP		219	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.75	\$1.00	\$14.75	\$20.00	\$2.52	\$0.24	\$0.04	\$17.68	\$40.47	\$55.22
Standby	\$6.88	\$1.00							\$7.88	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

WEILER											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
A30WR002	E2850	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 600 TPH, 30" CONVEYOR WIDTH, WHEEL								\$545,710	D-Off 300 HP 745
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$41.84	\$3.16	\$45.00	\$43.80	\$5.52	\$6.89	\$1.10	\$54.17	\$111.48	\$156.48	
Standby	\$20.92	\$3.16							\$24.08		

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
A35LD001	L600T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 600 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)								\$25,856	Gas 4.8 HP 31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.36	\$0.16	\$3.52	\$1.31	\$0.19	\$0.08	\$0.01	\$4.34	\$5.93	\$9.45	
Standby	\$1.68	\$0.16							\$1.84		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
A35LD002	L300T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 300 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)			\$21,335		Gas	4.8 HP	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.80	\$0.13	\$2.93	\$1.31	\$0.19	\$0.04	\$0.01	\$3.61	\$5.15	\$8.08
Standby	\$1.40	\$0.13							\$1.53	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
A35LD003	L150T	ASPHALT/PAVEMENT KETTLE (TACK DISTRIBUTOR), 150 GAL, TRAILER MOUNTED W/ 12' SPRAY BAR AND CONTROLS (ADD PROPANE COSTS FOR BURNER)			\$19,618		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	\$1.31	\$0.19	\$0.04	\$0.01	\$3.31	\$4.86	\$7.55
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															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								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)								\$354,666	D-Off	143	HP		150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$47.06	\$2.18	\$49.24	\$30.31	\$3.82	\$0.31	\$0.05	\$75.58	\$110.08	\$159.32					
Standby	\$23.53	\$2.18							\$25.71						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO002	BM600-15	ASPHALT COLD PLANER, 23.6" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)								\$339,380	D-Off	143	HP		190
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$45.02	\$2.08	\$47.10	\$30.31	\$3.82	\$0.31	\$0.05	\$72.31	\$106.81	\$153.91					
Standby	\$22.51	\$2.08							\$24.59						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO003	BM1000-30	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$536,000	D-Off	280	HP		416
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$71.47	\$3.29	\$74.76	\$59.35	\$7.49	\$0.00	\$0.00	\$114.66	\$181.50	\$256.26					
Standby	\$35.74	\$3.29							\$39.03						

\* - 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															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO004	BM1200-30	ASPHALT COLD PLANER, 47.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$546,524	D-Off	280	HP		423
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$72.87	\$3.35	\$76.22		\$59.35	\$7.49	\$0.00	\$0.00	\$116.92	\$183.75	\$259.97				
Standby	\$36.44	\$3.35								\$39.79					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO005	BM1300-30	ASPHALT COLD PLANER, 51.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$587,068	D-Off	280	HP		426
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$78.28	\$3.60	\$81.88		\$59.35	\$7.49	\$0.00	\$0.00	\$125.59	\$192.42	\$274.30				
Standby	\$39.14	\$3.60								\$42.74					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO006	BM1000-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$630,857	D-Off	350	HP		430
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$84.11	\$3.87	\$87.98		\$74.18	\$9.36	\$0.00	\$0.00	\$134.96	\$218.49	\$306.47				
Standby	\$42.06	\$3.87								\$45.93					

\* - 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															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO007	BM1200-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$747,849	D-Off	350	HP		450
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$99.71	\$4.59	\$104.30	\$74.18	\$9.36	\$0.00	\$0.00	\$159.98	\$243.52	\$347.82					
Standby	\$49.86	\$4.59							\$54.45						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO008	BM1300-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$747,850	D-Off	350	HP		440
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$99.71	\$4.59	\$104.30	\$74.18	\$9.36	\$0.00	\$0.00	\$159.98	\$243.52	\$347.82					
Standby	\$49.86	\$4.59							\$54.45						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40BO009	BM2000-75	ASPHALT COLD PLANER, 78.7" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)								\$1,147,896	D-Off	771	HP		508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$153.05	\$7.05	\$160.10	\$163.41	\$20.61	\$0.00	\$0.00	\$245.56	\$429.59	\$589.69					
Standby	\$76.53	\$7.05							\$83.58						

\* - 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							Value TEV		Engine Horsepower and Fuel Type		
Model							7/1/2019		Main		Carrier
Equipment Description											CWT
A40BO010 BM2200-75 ASPHALT COLD PLANER, 86.6" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)							\$1,191,869		D-Off 771 HP		508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$158.92	\$7.32	\$166.24	\$163.41	\$20.61	\$0.00	\$0.00	\$254.97	\$438.99	\$605.23	
Standby	\$79.46	\$7.32							\$86.78		

CATERPILLAR INC. ( MACHINE DIVISION)											
SourceTag							Value TEV		Engine Horsepower and Fuel Type		
Model							7/1/2019		Main		Carrier
Equipment Description											CWT
A40CA008 PM-620 ASPHALT COLD PLANER, 80" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)							\$651,381		D-Off 630 HP		649
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$86.85	\$4.00	\$90.85	\$133.53	\$16.84	\$0.00	\$0.00	\$139.35	\$289.72	\$380.57	
Standby	\$43.43	\$4.00							\$47.43		

\* - 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
									7/1/2019	Main Carrier CWT
A40CA009			PM-622			ASPHALT COLD PLANER, 88" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)			\$658,531	D-Off 662 HP 660
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.80	\$4.04	\$91.84	\$140.31	\$17.70	\$0.00	\$0.00	\$140.88	\$298.88	\$390.72
Standby	\$43.90	\$4.04							\$47.94	

ROADTEC										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
A40RT008			RX-400E			ASPHALT COLD PLANER, 40" W X 10" D, WHEEL (ADD CUTTING TEETH COSTS)			\$469,866	D-Off 325 HP 470
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$62.65	\$2.88	\$65.53	\$68.88	\$8.69	\$0.00	\$0.00	\$100.52	\$178.08	\$243.61
Standby	\$31.33	\$2.88							\$34.21	

\* - 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															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40RT009	RX-400E	ASPHALT COLD PLANER, 52" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)								\$469,866	D-Off	325	HP		470
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$62.65	\$2.88	\$65.53	\$68.88	\$8.69	\$0.00	\$0.00	\$100.52	\$178.08	\$243.61					
Standby	\$31.33	\$2.88							\$34.21						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40RT010	RX-600E	ASPHALT COLD PLANER, 78" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)								\$580,954	D-Off	620	HP		592
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$77.46	\$3.57	\$81.03	\$131.41	\$16.58	\$0.00	\$0.00	\$124.28	\$272.27	\$353.30					
Standby	\$38.73	\$3.57							\$42.30						

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
A40RT011	RX-700E	ASPHALT COLD PLANER, 98" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)								\$650,719	D-Off	700	HP		840
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$86.76	\$3.99	\$90.75	\$148.37	\$18.72	\$0.00	\$0.00	\$139.21	\$306.29	\$397.04					
Standby	\$43.38	\$3.99							\$47.37						

\* - 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													
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
A40RT012	RX-900E	ASPHALT COLD PLANER, 150" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)							\$758,629	D-Off	700	HP	920
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$101.15	\$4.66	\$105.81	\$148.37	\$18.72	\$0.00	\$0.00	\$162.29	\$329.38	\$435.19			
Standby	\$50.58	\$4.66							\$55.24				

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

ROSCO, A LeeBoy COMPANY														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							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)							\$151,116	D-Off	65	HP		180
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$24.18	\$0.95	\$25.13	\$9.49	\$1.70	\$0.00	\$0.00	\$34.91	\$46.10	\$71.23				
Standby	\$12.09	\$0.95							\$13.04					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## A45 ASPHALT RECYCLERS & SEALERS

**A45 0.00 ASPHALT RECYCLERS & SEALERS**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$86,634		Gas	18 HP	80	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.58	\$0.51	\$9.09	\$4.91	\$3.71	\$0.15	\$0.02	\$13.80	\$22.60	\$31.69
Standby	\$4.29	\$0.51							\$4.80	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$82,273		Gas	163 HP	132	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.37	\$0.49	\$7.86	\$44.43	\$9.91	\$2.05	\$0.33	\$12.10	\$68.81	\$76.67
Standby	\$3.69	\$0.49							\$4.18	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$91,261		Gas 200 HP		194	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.09	\$0.54	\$8.63	\$54.52	\$11.61	\$2.47	\$0.39	\$13.32	\$82.31	\$90.94
Standby	\$4.05	\$0.54							\$4.59	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$104,421		Gas 200 HP		204	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.58	\$0.62	\$10.20	\$54.52	\$11.86	\$2.05	\$0.33	\$15.65	\$84.41	\$94.61
Standby	\$4.79	\$0.62							\$5.41	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
B10CC012	MT-200LP	BATCH PLANT, SILO, CEMENT, 800 CF, 200 BARREL (BATCH PLANT ATTACHMENT)							\$44,183	Gas	18	HP		35	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$4.42	\$0.26	\$4.68		\$4.91	\$1.46	\$0.00	\$0.00	\$7.09	\$13.46		\$18.14			
Standby	\$2.21	\$0.26								\$2.47					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
B10CC013	MT-300LP	BATCH PLANT, SILO, CEMENT, 1,200 CF, 300 BARREL (BATCH PLANT ATTACHMENT)							\$64,164	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		\$4.91	\$1.51	\$0.00	\$0.00	\$10.29	\$16.71		\$23.51			
Standby	\$3.21	\$0.38								\$3.59					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
B10CC015	CT270	BATCH PLANT, SILO, CEMENT, 50 TON, HORIZONTAL, 270 BARREL (BATCH PLANT ATTACHMENT)							\$45,345	Elec	16	HP		85	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$3.85	\$0.27	\$4.12		\$1.06	\$1.54	\$1.35	\$0.21	\$6.39	\$10.55		\$14.67			
Standby	\$1.93	\$0.27								\$2.20					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$331,323		Elec	90 HP	426	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.06	\$1.96	\$34.02	\$5.97	\$5.02	\$2.26	\$0.36	\$51.78	\$65.39	\$99.41
Standby	\$16.03	\$1.96							\$17.99	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$133,436		Elec	35 HP	190	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.64	\$0.79	\$13.43	\$2.32	\$1.17	\$1.50	\$0.24	\$20.50	\$25.74	\$39.17
Standby	\$6.32	\$0.79							\$7.11	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
B10CL025	MTM 12	BATCH PLANT, CONCRETE MIXER, 12 CY, TILT DRUM, 11.67' DIA, REMOVABLE AXLES, TRAILER MTD (ADD DRY BATCH PLANT)								\$643,608	Elec 150 HP 130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$64.18	\$3.81	\$67.99	\$9.95	\$5.03	\$0.35	\$0.06	\$103.03	\$118.42	\$186.41	
Standby	\$32.09	\$3.81							\$35.90		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
B10CL027	SILO1910	BATCH PLANT, CEMENT SILO, 2,260 CF, 565 BARREL (BATCH PLANT ATTACHMENT)								\$59,961	144
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.00	\$0.35	\$6.35	\$0.00	\$0.00	\$0.00	\$0.00	\$9.62	\$9.62	\$15.97	
Standby	\$3.00	\$0.35							\$3.35		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
B10CL032	SC12D-10	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 10' LONG (CEMENT SILO ATTACHMENT)								\$6,623	Elec 10 HP 10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.66	\$0.04	\$0.70	\$0.66	\$0.33	\$0.00	\$0.00	\$1.06	\$2.06	\$2.76	
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													
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B10CL034	SC12D-20	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$16,308	Elec	20 HP	20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.63	\$0.10	\$1.73	\$1.33	\$0.67	\$0.00	\$0.00	\$2.62	\$4.62	\$6.35			
Standby	\$0.82	\$0.10							\$0.92				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B10CL036	SC9D-10	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 10' LONG (CEMENT SILO ATTACHMENT)								\$6,163	Elec	8 HP	9
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.62	\$0.04	\$0.66	\$0.53	\$0.27	\$0.00	\$0.00	\$0.99	\$1.79	\$2.45			
Standby	\$0.31	\$0.04							\$0.35				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B10CL040	SC9D-20	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$8,608	Elec	20 HP	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.86	\$0.05	\$0.91	\$1.33	\$0.67	\$0.00	\$0.00	\$1.38	\$3.38	\$4.29			
Standby	\$0.43	\$0.05							\$0.48				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO													
										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B10CL042	SC6D-10	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 10' LONG (CEMENT SILO ATTACHMENT)								\$5,508	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	\$0.33	\$0.17	\$0.00	\$0.00	\$0.88	\$1.38	\$1.96			
Standby	\$0.28	\$0.03							\$0.31				

										Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description								7/1/2019	Main	Carrier	CWT
B10CL045	SC6D-20	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 20' LONG (CEMENT SILO ATTACHMENT)								\$7,562	Elec	10 HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.76	\$0.04	\$0.80	\$0.66	\$0.33	\$0.00	\$0.00	\$1.21	\$2.21	\$3.01			
Standby	\$0.38	\$0.04							\$0.42				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

EXCEL MACHINERY LTD.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
B10EM002	BELGRADE 350 BBL	BATCH PLANT, CEMENT SILO, 45 TON HORIZONTAL 350 BARREL (BATCH PLANT ATTACHMENT)							\$44,402	Elec	10	HP		100
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.38	\$0.26	\$4.64		\$0.66	\$1.33	\$0.12	\$0.02	\$7.04	\$9.18	\$13.82			
Standby	\$2.19	\$0.26								\$2.45				

JOHNSON-ROSS (TEREX ROADBUILDING)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$262,502	Elec	15	HP	250
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$25.91	\$1.55	\$27.46	\$0.99	\$3.00	\$0.67	\$0.11	\$41.68	\$46.45	\$73.91			
Standby	\$12.96	\$1.55							\$14.51				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

JOHNSON-ROSS (TEREX ROADBUILDING)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$293,589	Elec	30	HP	489
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$28.55	\$1.74	\$30.29	\$1.99	\$3.51	\$1.69	\$0.27	\$46.06	\$53.52	\$83.81			
Standby	\$14.28	\$1.74							\$16.02				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$338,062	Elec	50	HP	536
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$32.71	\$2.00	\$34.71	\$3.32	\$6.18	\$2.25	\$0.36	\$52.83	\$64.94	\$99.65			
Standby	\$16.36	\$2.00							\$18.36				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$285,508	Elec 25 HP 340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.36	\$1.69	\$29.05	\$1.66	\$2.19	\$2.44	\$0.39	\$44.28	\$50.96	\$80.01
Standby	\$13.68	\$1.69							\$15.37	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$390,608	Elec 45 HP 420
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.91	\$2.31	\$40.22	\$2.98	\$3.26	\$2.36	\$0.38	\$61.19	\$70.16	\$110.38
Standby	\$18.96	\$2.31							\$21.27	

\* - 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		
				7/1/2019				Main		
								Carrier		
								CWT		
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)			\$285,508	Elec	30	HP		340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.46	\$1.69	\$29.15	\$1.99	\$2.51	\$2.23	\$0.35	\$44.41	\$51.48	\$80.63
Standby	\$13.73	\$1.69							\$15.42	
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
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)			\$533,738	Elec	20	HP		360
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$52.22	\$3.16	\$55.38	\$1.33	\$2.17	\$2.36	\$0.38	\$84.15	\$90.40	\$145.78
Standby	\$26.11	\$3.16							\$29.27	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

STEPHENS MANUFACTURING CO., INC.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$512,138		Elec 30 HP		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.06	\$3.03	\$53.09	\$1.99	\$2.66	\$2.36	\$0.38	\$80.69	\$88.07	\$141.16
Standby	\$25.03	\$3.03							\$28.06	

B10 0.30 PUGMILL

KPI-JCI										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$373,912		Elec 130 HP		371	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.94	\$2.17	\$31.11	\$8.62	\$4.36	\$2.50	\$0.40	\$46.74	\$62.62	\$93.73
Standby	\$14.47	\$2.17							\$16.64	

\* - 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		
				7/1/2019				Main		
								Carrier		
								CWT		
B10KJ002				52S				BATCHPLANT, PUGMILL, TWO 14' LONG X 7' WIDE 15 CY PRIMARY		
				PORTABLE				HOPPERS WITH 36" WIDE X 36' LONG BELT FEEDERS, 4' WIDE X 8' LONG		
				PUGMILL				TWIN SHAFT PUGMILL, WALKWAY, TANDEM AXLE CHASSIS, UP TO 500		
								TONS PER HOUR (ADD 200 KW GENERATOR & MATERIAL FEEDS)		
Condition				Depreciation*				FCCM*		
Average				\$29.15				\$2.19		
Standby				\$14.58				\$2.19		

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		
				7/1/2019				Main		
								Carrier		
								CWT		
B15BM001				RJT-350				BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED		
								D-On 80 HP		
								50		
Condition				Depreciation*				FCCM*		
Average				\$7.56				\$0.38		
Standby				\$3.78				\$0.38		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15EC001	EAGLE F	STREET SWEEPER, 10' BROOM PATH, 4.5 CY HOPPER, 280 GAL WATER TANK, DUAL ENGINE, SELF PROPELLED							\$345,835	D-Off	74	HP	150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$38.39	\$1.92	\$40.31	\$10.80	\$1.36	\$1.07	\$0.17	\$41.64	\$55.04	\$95.35			
Standby	\$19.20	\$1.92							\$21.12				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15EC002	PELICAN P DUAL	STREET SWEEPER, 10' BROOM PATH, 3.5 CY HOPPER, 220 GAL WATER TANK, SELF PROPELLED							\$204,229	D-On	74	HP	143
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.67	\$1.14	\$23.81	\$12.92	\$1.63	\$0.60	\$0.10	\$24.59	\$39.83	\$63.64			
Standby	\$11.34	\$1.14							\$12.48				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15EC003	BROOM BEAR FL42H	STREET SWEEPER, 12' BROOM PATH, 4.5 CY HOPPER, 360 GAL WATER TANK, SELF PROPELLED							\$340,416	D-On	260	HP	213
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$37.78	\$1.89	\$39.67	\$45.38	\$5.72	\$1.07	\$0.17	\$40.98	\$93.33	\$133.00			
Standby	\$18.89	\$1.89							\$20.78				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15EC004	MEGAWIND	STREET SWEEPER AND CATCH BASIN CLEANER, 12' BROOM PATH, 13 CY HOPPER, 335 GAL WATER TANK, SELF PROPELLED							\$360,099	D-On	74	HP	238
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$40.51	\$2.00	\$42.51		\$12.92	\$1.63	\$0.00	\$0.00	\$43.88	\$58.43	\$100.94		
Standby	\$20.26	\$2.00								\$22.26			

LAYMOR SWEEPERS													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15LS001	SM300	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED							\$29,023	D-On	25	HP	30
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.20	\$0.16	\$3.36		\$4.36	\$0.55	\$0.12	\$0.02	\$3.48	\$8.53	\$11.89		
Standby	\$1.60	\$0.16								\$1.76			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

LAYMOR SWEEPERS											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
B15LS002 SM450 ST BROOM, 100" BROOM PATH, PAVEMENT, W/SPRINKLER AND 180 GAL WATER TANK, SELF PROPELLED									\$40,909	D-On 74 HP	48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.54	\$0.23	\$4.77	\$12.92	\$1.63	\$0.12	\$0.02	\$4.92	\$19.62	\$24.39	
Standby	\$2.27	\$0.23							\$2.50		

M-B COMPANIES, INC.											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
B15MB001 ARMT STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 45 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP AGRICULTURAL TRACTOR)									\$8,883		10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.00	\$0.05	\$1.05	\$0.00	\$0.25	\$0.00	\$0.00	\$1.08	\$1.33	\$2.38	
Standby	\$0.50	\$0.05							\$0.55		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B15 BROOMS, STREET SWEEPERS & FLUSHERS

**B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS**

M-B COMPANIES, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15MB002	HT	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 152 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP AGRICULTURAL TRACTOR)							\$11,176	12			
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.26	\$0.06	\$1.32		\$0.00	\$0.35	\$0.00	\$0.00	\$1.36	\$1.71	\$3.03		
Standby	\$0.63	\$0.06								\$0.69			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
B15MB004	53MH	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, TOWED (ADD TOWING PICKUP TRUCK)							\$26,143	Gas	24	HP	17
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.91	\$0.15	\$3.06		\$6.54	\$0.71	\$0.05	\$0.01	\$3.16	\$10.46	\$13.52		
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
B15RS001	RB-50	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED								\$79,413	D-On 74 HP
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
		Average	\$8.87	\$0.44	\$9.31	\$12.92	\$1.63	\$0.12	\$0.02	\$9.62	\$24.31 \$33.62
		Standby	\$4.44	\$0.44							\$4.88

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
B15RS005	CHALLENGE R 7	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED								\$96,924	D-On 74 HP
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
		Average	\$10.82	\$0.54	\$11.36	\$12.92	\$1.63	\$0.16	\$0.02	\$11.73	\$26.47 \$37.83
		Standby	\$5.41	\$0.54							\$5.95

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B15 BROOMS, STREET SWEEPERS & FLUSHERS

**B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS**

TERRAMITE CONSTRUCTION EQUIPMENT														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
B15TB001	TSS46	STREET SWEEPER, 6' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED							\$26,746	D-Off	37	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$2.97	\$0.15	\$3.12		\$5.40	\$0.68	\$0.07	\$0.01	\$3.22	\$9.39		\$12.51		
Standby	\$1.49	\$0.15								\$1.64				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
B15TB002	TSS48	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED							\$26,900	D-Off	37	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$2.99	\$0.15	\$3.14		\$5.40	\$0.68	\$0.07	\$0.01	\$3.24	\$9.41		\$12.55		
Standby	\$1.50	\$0.15								\$1.65				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN001	75XP	BRUSH CHIPPER, 7" CAPACITY, DISC TYPE, TRAILER MTD							\$19,604	Gas 25 HP 21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.78	\$0.11	\$1.89	\$6.81	\$0.98	\$1.24	\$0.20	\$2.22	\$11.46	\$13.35
Standby	\$0.89	\$0.11							\$1.00	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN002	90XP	BRUSH CHIPPER, 9" CAPACITY, DISC TYPE, TRAILER MTD							\$30,032	Gas 37 HP 46
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.35	\$0.17	\$3.52	\$10.09	\$1.45	\$0.06	\$0.01	\$4.08	\$15.69	\$19.21
Standby	\$1.68	\$0.17							\$1.85	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN003	200XP	BRUSH CHIPPER, 12" CAPACITY, DISC TYPE, TRAILER MTD							\$41,158	Gas 84 HP 55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.58	\$0.23	\$4.81	\$22.90	\$3.30	\$0.10	\$0.02	\$5.58	\$31.90	\$36.71
Standby	\$2.29	\$0.23							\$2.52	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

BANDIT INDUSTRIES, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN005	15XPC	BRUSH CHIPPER, 15" CAPACITY, DRUM TYPE, TRAILER MTD							\$55,912	Gas 145 HP 68
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.22	\$0.31	\$6.53	\$39.52	\$5.70	\$0.12	\$0.02	\$7.59	\$52.95	\$59.48
Standby	\$3.11	\$0.31							\$3.42	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN006	18XP	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD							\$74,212	Gas 165 HP 97
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.28	\$0.41	\$8.69	\$44.98	\$6.48	\$0.12	\$0.02	\$10.10	\$61.70	\$70.39
Standby	\$4.14	\$0.41							\$4.55	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20BN007	21XP	BRUSH CHIPPER, 21" CAPACITY, DRUM TYPE, TRAILER MTD							\$156,104	D-Off 300 HP 150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.43	\$0.87	\$18.30	\$43.80	\$5.52	\$0.24	\$0.04	\$21.25	\$70.85	\$89.15
Standby	\$8.72	\$0.87							\$9.59	

\* - 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							\$41,121	Gas    84    HP      49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.59	\$0.23	\$4.82	\$22.90	\$3.30	\$0.06	\$0.01	\$5.60	\$31.87	\$36.69
Standby	\$2.30	\$0.23							\$2.53	

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							\$54,519	D-Off    70    HP      57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.09	\$0.30	\$6.39	\$10.22	\$1.29	\$0.08	\$0.01	\$7.42	\$19.03	\$25.42
Standby	\$3.05	\$0.30							\$3.35	

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							\$88,545	D-Off    140    HP      102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.91	\$0.49	\$10.40	\$20.44	\$2.58	\$0.09	\$0.01	\$12.09	\$35.20	\$45.60
Standby	\$4.96	\$0.49							\$5.45	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B20 BRUSH CHIPPERS

**B20 0.00 BRUSH CHIPPERS**

MORBARK, INC.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
B20MQ004	2131-SA, DIESEL	BRUSH CHIPPER, 20" CAPACITY, DRUM TYPE, TRAILER MTD							\$95,806	D-Off	140	HP		150
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$10.68	\$0.53	\$11.21		\$20.44	\$2.58	\$0.17	\$0.03	\$13.03	\$36.25		\$47.46		
Standby	\$5.34	\$0.53								\$5.87				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
B20MQ005	2230, DIESEL DRUM	BRUSH CHIPPER, LOG CHIPPER, 22" CAPACITY, DISC TYPE, TRAILER MTD							\$193,318	D-Off	415	HP		173
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$21.65	\$1.08	\$22.73		\$60.59	\$7.64	\$0.17	\$0.03	\$26.39	\$94.83		\$117.56		
Standby	\$10.83	\$1.08								\$11.91				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20MQ006	1215, DIESEL	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD							\$43,268	D-Off 48 HP 52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.82	\$0.24	\$5.06	\$7.01	\$0.88	\$0.08	\$0.01	\$5.88	\$13.87	\$18.93
Standby	\$2.41	\$0.24							\$2.65	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20MQ007	1215, GAS	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD							\$37,257	Gas 75 HP 49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.14	\$0.21	\$4.35	\$20.44	\$2.95	\$0.08	\$0.01	\$5.05	\$28.54	\$32.89
Standby	\$2.07	\$0.21							\$2.28	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20MQ008	1415, GAS	BRUSH CHIPPER, LOG CHIPPER, 14" CAPACITY, DRUM TYPE, TRAILER MTD							\$45,175	Gas 75 HP 57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.03	\$0.25	\$5.28	\$20.44	\$2.95	\$0.08	\$0.01	\$6.14	\$29.63	\$34.91
Standby	\$2.52	\$0.25							\$2.77	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20MQ009	1821, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD							\$68,585	Gas 165 HP 102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.67	\$0.38	\$8.05	\$44.98	\$6.48	\$0.09	\$0.01	\$9.35	\$60.91	\$68.96
Standby	\$3.84	\$0.38							\$4.22	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
B20MQ010	2131-SA, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD							\$72,730	Gas 165 HP 150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.08	\$0.40	\$8.48	\$44.98	\$6.48	\$0.17	\$0.03	\$9.86	\$61.53	\$70.01
Standby	\$4.04	\$0.40							\$4.44	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB001	MWRH-050	BUCKET, CLAMSHELL, 0.5 CY, HEAVY DUTY/DIGGING							\$30,809	30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.47	\$0.17	\$3.64	\$0.00	\$0.00	\$0.00	\$0.00	\$3.21	\$3.21	\$6.85
Severe	\$4.27	\$0.18	\$4.45	\$0.00	\$0.00	\$0.00	\$0.00	\$4.52	\$4.52	\$8.97
Standby	\$1.74	\$0.17							\$1.91	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB003	MWRH-100	BUCKET, CLAMSHELL, 1.0 CY, HEAVY DUTY/DIGGING							\$33,936	48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.19	\$4.01	\$0.00	\$0.00	\$0.00	\$0.00	\$3.54	\$3.54	\$7.55
Severe	\$4.70	\$0.19	\$4.89	\$0.00	\$0.00	\$0.00	\$0.00	\$4.98	\$4.98	\$9.87
Standby	\$1.91	\$0.19							\$2.10	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B25 BUCKETS, CLAMSHELL

**B25 0.00 BUCKETS, CLAMSHELL**

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\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB008	MWRH-250	BUCKET, CLAMSHELL, 2.5 CY, HEAVY DUTY/DIGGING							\$51,422	91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.78	\$0.29	\$6.07	\$0.00	\$0.00	\$0.00	\$0.00	\$5.36	\$5.36	\$11.43
Severe	\$7.12	\$0.29	\$7.41	\$0.00	\$0.00	\$0.00	\$0.00	\$7.54	\$7.54	\$14.95
Standby	\$2.89	\$0.29							\$3.18	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB009	MWRH-300	BUCKET, CLAMSHELL, 3.0 CY, HEAVY DUTY/DIGGING							\$54,990	103
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.19	\$0.31	\$6.50	\$0.00	\$0.00	\$0.00	\$0.00	\$5.74	\$5.74	\$12.24
Severe	\$7.61	\$0.32	\$7.93	\$0.00	\$0.00	\$0.00	\$0.00	\$8.07	\$8.07	\$16.00
Standby	\$3.10	\$0.31							\$3.41	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB010	MWRH-350	BUCKET, CLAMSHELL, 3.5 CY, HEAVY DUTY/DIGGING							\$59,754	131
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.72	\$0.33	\$7.05	\$0.00	\$0.00	\$0.00	\$0.00	\$6.23	\$6.23	\$13.28
Severe	\$8.27	\$0.34	\$8.61	\$0.00	\$0.00	\$0.00	\$0.00	\$8.77	\$8.77	\$17.38
Standby	\$3.36	\$0.33							\$3.69	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB011	MWRH-400	BUCKET, CLAMSHELL, 4.0 CY, HEAVY DUTY/DIGGING							\$59,144	145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.65	\$0.33	\$6.98	\$0.00	\$0.00	\$0.00	\$0.00	\$6.17	\$6.17	\$13.15
Severe	\$8.19	\$0.34	\$8.53	\$0.00	\$0.00	\$0.00	\$0.00	\$8.68	\$8.68	\$17.21
Standby	\$3.33	\$0.33							\$3.66	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB012    MWRH-450    BUCKET, CLAMSHELL, 4.5 CY, HEAVY DUTY/DIGGING									\$68,989	165
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.76	\$0.38	\$8.14	\$0.00	\$0.00	\$0.00	\$0.00	\$7.20	\$7.20	\$15.34
Severe	\$9.55	\$0.40	\$9.95	\$0.00	\$0.00	\$0.00	\$0.00	\$10.12	\$10.12	\$20.07
Standby	\$3.88	\$0.38							\$4.26	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB013    MWHR-500    BUCKET, CLAMSHELL, 5.0 CY, HEAVY DUTY/DIGGING									\$71,622	173
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.06	\$0.40	\$8.46	\$0.00	\$0.00	\$0.00	\$0.00	\$7.47	\$7.47	\$15.93
Severe	\$9.92	\$0.41	\$10.33	\$0.00	\$0.00	\$0.00	\$0.00	\$10.51	\$10.51	\$20.84
Standby	\$4.03	\$0.40							\$4.43	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

HAWCO (ANVIL ATTACHMENTS)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB014	MWRH-550	BUCKET, CLAMSHELL, 5.5 CY, HEAVY DUTY/DIGGING							\$72,843	178
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.19	\$0.41	\$8.60	\$0.00	\$0.00	\$0.00	\$0.00	\$7.60	\$7.60	\$16.20
Severe	\$10.09	\$0.42	\$10.51	\$0.00	\$0.00	\$0.00	\$0.00	\$10.69	\$10.69	\$21.20
Standby	\$4.10	\$0.41							\$4.51	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B25HB015	MWRH-600	BUCKET, CLAMSHELL, 6.0 CY, HEAVY DUTY/DIGGING							\$80,401	199
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.05	\$0.45	\$9.50	\$0.00	\$0.00	\$0.00	\$0.00	\$8.39	\$8.39	\$17.89
Severe	\$11.13	\$0.46	\$11.59	\$0.00	\$0.00	\$0.00	\$0.00	\$11.80	\$11.80	\$23.39
Standby	\$4.53	\$0.45							\$4.98	

\* - Adjustable Elements

**Region: 8**  
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## 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							\$34,254		40	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.85	\$0.19	\$4.04	\$0.00	\$0.00	\$0.00	\$0.00	\$3.57	\$3.57	\$7.61		
Severe	\$4.74	\$0.20	\$4.94	\$0.00	\$0.00	\$0.00	\$0.00	\$5.03	\$5.03	\$9.97		
Standby	\$1.93	\$0.19							\$2.12			

									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							\$53,123		70	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.98	\$0.30	\$6.28	\$0.00	\$0.00	\$0.00	\$0.00	\$5.54	\$5.54	\$11.82		
Severe	\$7.36	\$0.30	\$7.66	\$0.00	\$0.00	\$0.00	\$0.00	\$7.79	\$7.79	\$15.45		
Standby	\$2.99	\$0.30							\$3.29			

\* - 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
B25XX010	3 RN	BUCKET, CLAMSHELL, 3.0 CY, ROUND NOSE, STANDARD							\$54,766	
										CWT
										87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.16	\$0.30	\$6.46	\$0.00	\$0.00	\$0.00	\$0.00	\$5.71	\$5.71	\$12.17
Severe	\$7.58	\$0.31	\$7.89	\$0.00	\$0.00	\$0.00	\$0.00	\$8.03	\$8.03	\$15.92
Standby	\$3.08	\$0.30							\$3.38	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B25XX012	4 RN	BUCKET, CLAMSHELL, 4.0 CY, ROUND NOSE, STANDARD							\$66,976	
										CWT
										117
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.53	\$0.37	\$7.90	\$0.00	\$0.00	\$0.00	\$0.00	\$6.99	\$6.99	\$14.89
Severe	\$9.27	\$0.38	\$9.65	\$0.00	\$0.00	\$0.00	\$0.00	\$9.83	\$9.83	\$19.48
Standby	\$3.77	\$0.37							\$4.14	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$94,468		160	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.63	\$0.53	\$11.16	\$0.00	\$0.00	\$0.00	\$0.00	\$9.85	\$9.85	\$21.01		
Severe	\$13.08	\$0.54	\$13.62	\$0.00	\$0.00	\$0.00	\$0.00	\$13.86	\$13.86	\$27.48		
Standby	\$5.32	\$0.53							\$5.85			
									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							\$100,264		180	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$11.28	\$0.56	\$11.84	\$0.00	\$0.00	\$0.00	\$0.00	\$10.46	\$10.46	\$22.30		
Severe	\$13.88	\$0.57	\$14.45	\$0.00	\$0.00	\$0.00	\$0.00	\$14.71	\$14.71	\$29.16		
Standby	\$5.64	\$0.56							\$6.20			

\* - 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								\$119,596		210	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.45	\$0.67	\$14.12	\$0.00	\$0.00	\$0.00	\$0.00	\$12.47	\$12.47	\$26.59			
Severe	\$16.56	\$0.69	\$17.25	\$0.00	\$0.00	\$0.00	\$0.00	\$17.55	\$17.55	\$34.80			
Standby	\$6.73	\$0.67							\$7.40				

										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								\$120,680		223	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.58	\$0.67	\$14.25	\$0.00	\$0.00	\$0.00	\$0.00	\$12.59	\$12.59	\$26.84			
Severe	\$16.71	\$0.69	\$17.40	\$0.00	\$0.00	\$0.00	\$0.00	\$17.70	\$17.70	\$35.10			
Standby	\$6.79	\$0.67							\$7.46				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$126,833				223
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.27	\$0.71	\$14.98	\$0.00	\$0.00	\$0.00	\$0.00	\$13.23	\$13.23	\$28.21			
Severe	\$17.56	\$0.73	\$18.29	\$0.00	\$0.00	\$0.00	\$0.00	\$18.61	\$18.61	\$36.90			
Standby	\$7.14	\$0.71							\$7.85				

## B30 BUCKETS, CONCRETE

**B30 0.10 GENERAL PURPOSE, MANUAL TRIP**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
B30GB002	442-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.5 CY							\$7,753	Carrier
										8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.92	\$0.04	\$0.96	\$0.00	\$0.00	\$0.00	\$0.00	\$0.81	\$0.81	\$1.77
Standby	\$0.46	\$0.04							\$0.50	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB003	462-G	BUCKET, CONCRETE, GENERAL PURPOSE, 2.0 CY							\$9,576	Carrier
										10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.14	\$0.05	\$1.19	\$0.00	\$0.00	\$0.00	\$0.00	\$1.00	\$1.00	\$2.19
Standby	\$0.57	\$0.05							\$0.62	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB004	493-G	BUCKET, CONCRETE, GENERAL PURPOSE, 3.0 CY							\$13,830	Carrier
										14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.64	\$0.07	\$1.71	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$3.15
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												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B30GB005	4123-G	BUCKET, CONCRETE, GENERAL PURPOSE, 4.0 CY							\$16,459		18	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.95	\$0.09	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$1.72	\$1.72	\$3.76		
Standby	\$0.98	\$0.09							\$1.07			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
B30GB018	413-G	BUCKET, CONCRETE, GENERAL PURPOSE, 0.5 CY							\$4,859		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	\$0.51	\$0.51	\$1.12		
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB006	425-A	BUCKET, CONCRETE, LAYDOWN, 1.0 CY, HEAVY DUTY AIR GATE							\$37,151	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.41	\$0.20	\$4.61	\$0.00	\$0.00	\$0.00	\$0.00	\$4.15	\$4.15	\$8.76
Standby	\$2.21	\$0.20							\$2.41	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB007	465-A	BUCKET, CONCRETE, LAYDOWN, 2.0 CY, HEAVY DUTY AIR GATE							\$40,387	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.80	\$0.22	\$5.02	\$0.00	\$0.00	\$0.00	\$0.00	\$4.51	\$4.51	\$9.53
Standby	\$2.40	\$0.22							\$2.62	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB008	495-A	BUCKET, CONCRETE, LAYDOWN, 3.0 CY, HEAVY DUTY AIR GATE							\$44,833	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.32	\$0.24	\$5.56	\$0.00	\$0.00	\$0.00	\$0.00	\$5.01	\$5.01	\$10.57
Standby	\$2.66	\$0.24							\$2.90	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B30 BUCKETS, CONCRETE

**B30 0.20 LAYDOWN**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR001	LB-375	BUCKET, CONCRETE, LOWBOY, 0.38 CY							\$2,516	Carrier
										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	\$0.30	\$0.30	\$0.61
Standby	\$0.15	\$0.01							\$0.16	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR002	LB-050	BUCKET, CONCRETE, LOWBOY, 0.5 CY							\$2,776	Carrier
										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	\$0.33	\$0.33	\$0.67
Standby	\$0.17	\$0.01							\$0.18	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR003	LB-075	BUCKET, CONCRETE, LOWBOY, 0.75 CY							\$3,093	Carrier
										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	\$0.37	\$0.37	\$0.76
Standby	\$0.19	\$0.02							\$0.21	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR004	LB-100	BUCKET, CONCRETE, LOWBOY, 1.0 CY							\$3,470	5
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	\$0.00	\$0.00	\$0.00	\$0.41	\$0.41	\$0.84
Standby	\$0.21	\$0.02							\$0.23	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR005	LB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY							\$4,307	6
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	\$0.51	\$0.51	\$1.04
Standby	\$0.26	\$0.02							\$0.28	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR006	LB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY							\$5,137	8
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	\$0.61	\$0.61	\$1.25
Standby	\$0.31	\$0.03							\$0.34	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR009	LXB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY							\$5,215	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.03	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.62	\$0.62	\$1.27
Standby	\$0.31	\$0.03							\$0.34	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR010	LXB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY							\$6,363	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.76	\$0.03	\$0.79	\$0.00	\$0.00	\$0.00	\$0.00	\$0.76	\$0.76	\$1.55
Standby	\$0.38	\$0.03							\$0.41	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30CR011	LXB-300	BUCKET, CONCRETE, LOWBOY, 3.0 CY							\$7,479	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.89	\$0.04	\$0.93	\$0.00	\$0.00	\$0.00	\$0.00	\$0.89	\$0.89	\$1.82
Standby	\$0.45	\$0.04							\$0.49	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B30 BUCKETS, CONCRETE

**B30 0.30 LOWBOY**

[illegible]

**B30 0.40 LOW SLUMP**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## B30 BUCKETS, CONCRETE

**B30 0.40 LOW SLUMP**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB015	4139-A	BUCKET, CONCRETE, LOW SLUMP, 4.0 CY, AIR GATE							\$26,953	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.20	\$0.15	\$3.35	\$0.00	\$0.00	\$0.00	\$0.00	\$3.21	\$3.21	\$6.56
Standby	\$1.60	\$0.15							\$1.75	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB016	4200-A	BUCKET, CONCRETE, LOW SLUMP, 6.0 CY, AIR GATE							\$60,136	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.14	\$0.32	\$7.46	\$0.00	\$0.00	\$0.00	\$0.00	\$7.17	\$7.17	\$14.63
Standby	\$3.57	\$0.32							\$3.89	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
B30GB017	4250-A	BUCKET, CONCRETE, LOW SLUMP, 8.0 CY, AIR GATE							\$65,419	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.77	\$0.35	\$8.12	\$0.00	\$0.00	\$0.00	\$0.00	\$7.80	\$7.80	\$15.92
Standby	\$3.89	\$0.35							\$4.24	

\* - 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
									7/1/2019	Main      Carrier
										CWT
B35HE018      TS      BUCKET, DRAGLINE, 0.75 CY, MEDIUM WEIGHT									\$10,607	17
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	\$1.36	\$0.06	\$1.42	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$2.86
Standby	\$0.53	\$0.06							\$0.59	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B35HE019      TS      BUCKET, DRAGLINE, 1.0 CY, MEDIUM WEIGHT									\$12,131	19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.07	\$1.28	\$0.00	\$0.00	\$0.00	\$0.00	\$1.12	\$1.12	\$2.40
Severe	\$1.56	\$0.07	\$1.63	\$0.00	\$0.00	\$0.00	\$0.00	\$1.65	\$1.65	\$3.28
Standby	\$0.61	\$0.07							\$0.68	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$17,346		28	
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	\$0.00	\$0.00	\$0.00	\$1.61	\$1.61	\$3.44		
Severe	\$2.23	\$0.10	\$2.33	\$0.00	\$0.00	\$0.00	\$0.00	\$2.36	\$2.36	\$4.69		
Standby	\$0.87	\$0.10							\$0.97			

									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							\$21,916		36	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.19	\$0.12	\$2.31	\$0.00	\$0.00	\$0.00	\$0.00	\$2.03	\$2.03	\$4.34		
Severe	\$2.82	\$0.12	\$2.94	\$0.00	\$0.00	\$0.00	\$0.00	\$2.99	\$2.99	\$5.93		
Standby	\$1.10	\$0.12							\$1.22			

\* - 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
									7/1/2019	Main      Carrier
										CWT
B35HE022	TS	BUCKET, DRAGLINE, 2.5 CY, MEDIUM WEIGHT							\$25,257	41
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.53	\$0.14	\$2.67	\$0.00	\$0.00	\$0.00	\$0.00	\$2.34	\$2.34	\$5.01
Severe	\$3.25	\$0.14	\$3.39	\$0.00	\$0.00	\$0.00	\$0.00	\$3.44	\$3.44	\$6.83
Standby	\$1.27	\$0.14							\$1.41	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B35HE023	TS	BUCKET, DRAGLINE, 3.0 CY, MEDIUM WEIGHT							\$30,179	49
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.02	\$0.17	\$3.19	\$0.00	\$0.00	\$0.00	\$0.00	\$2.80	\$2.80	\$5.99
Severe	\$3.88	\$0.17	\$4.05	\$0.00	\$0.00	\$0.00	\$0.00	\$4.11	\$4.11	\$8.16
Standby	\$1.51	\$0.17							\$1.68	

\* - 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	
B35HE025	TS	BUCKET, DRAGLINE, 4.0 CY, MEDIUM WEIGHT							\$43,130	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.31	\$0.24	\$4.55	\$0.00	\$0.00	\$0.00	\$0.00	\$4.00	\$4.00	\$8.55
Severe	\$5.55	\$0.24	\$5.79	\$0.00	\$0.00	\$0.00	\$0.00	\$5.88	\$5.88	\$11.67
Standby	\$2.16	\$0.24							\$2.40	

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	
B35HE040	MH-S	BUCKET, DRAGLINE, 5.0 CY, HEAVY WEIGHT							\$73,282	127
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.60	\$0.40	\$7.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6.11	\$6.11	\$13.11
Severe	\$8.24	\$0.41	\$8.65	\$0.00	\$0.00	\$0.00	\$0.00	\$8.74	\$8.74	\$17.39
Standby	\$3.30	\$0.40							\$3.70	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B35 BUCKETS, DRAGLINE

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B35HE041      MH-S      BUCKET, DRAGLINE, 6.0 CY, HEAVY WEIGHT									\$78,477	136
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.06	\$0.43	\$7.49	\$0.00	\$0.00	\$0.00	\$0.00	\$6.55	\$6.55	\$14.04
Severe	\$8.83	\$0.44	\$9.27	\$0.00	\$0.00	\$0.00	\$0.00	\$9.35	\$9.35	\$18.62
Standby	\$3.53	\$0.43							\$3.96	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
B35HE042      MH-S      BUCKET, DRAGLINE, 7.0 CY, HEAVY WEIGHT									\$100,985	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.09	\$0.55	\$9.64	\$0.00	\$0.00	\$0.00	\$0.00	\$8.43	\$8.43	\$18.07
Severe	\$11.36	\$0.56	\$11.92	\$0.00	\$0.00	\$0.00	\$0.00	\$12.04	\$12.04	\$23.96
Standby	\$4.55	\$0.55							\$5.10	

\* - 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							\$585	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	\$1.16	\$0.17	\$0.00	\$0.00	\$0.89	\$2.22	\$2.48
Standby	\$0.13	\$0.00							\$0.13	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C05S7002	MS362RCM	CHAIN SAW, 25" GUIDE BAR							\$788	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	\$1.72	\$0.25	\$0.00	\$0.00	\$1.20	\$3.17	\$3.53
Standby	\$0.18	\$0.01							\$0.19	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C05S7003	MS461R	CHAIN SAW, 32" GUIDE BAR							\$1,156	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	\$2.25	\$0.32	\$0.00	\$0.00	\$1.76	\$4.33	\$4.86
Standby	\$0.26	\$0.01							\$0.27	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C05S7004	MS880 MAGNUM	CHAIN SAW, 59" GUIDE BAR							\$2,203	Gas	8.6	HP	1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.99	\$0.02	\$1.01		\$3.22	\$0.46	\$0.00	\$0.00	\$3.36	\$7.04	\$8.05		
Standby	\$0.50	\$0.02								\$0.52			

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

BOMAG														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
C10BO001	BT60	COMPACTOR, RAMMER, TAMPER, 9" X 13.2" SHOE, 3,372 LBS IMPACT							\$3,160	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		\$1.50	\$0.16	\$0.00	\$0.00	\$1.16	\$2.82	\$3.59			
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C10BO003	BVP 10/36	COMPACTOR, VIBROPLATE, 14.2" X 22" PLATE, 2,250 LBS IMPACT							\$2,108	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	\$1.50	\$0.16	\$0.00	\$0.00	\$0.77	\$2.43	\$2.94
Standby	\$0.25	\$0.01							\$0.26	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C10BO004	BVP 18/45	COMPACTOR, VIBROPLATE, 17.7" X 22" PLATE, 4,050 LBS IMPACT							\$2,033	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	\$2.25	\$0.24	\$0.00	\$0.00	\$0.74	\$3.24	\$3.73
Standby	\$0.24	\$0.01							\$0.25	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							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							\$12,025	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	\$1.82	\$0.20	\$0.00	\$0.00	\$4.40	\$6.41	\$9.34
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C10WC003	DS 70	COMPACTOR, RAMMER, 13" X 13" SHOE, 3,550 LBS IMPACT							\$4,066	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	\$0.81	\$0.09	\$0.00	\$0.00	\$1.49	\$2.38	\$3.38
Standby	\$0.49	\$0.03							\$0.52	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C10WC006	BPU 2540 A	COMPACTOR, VIBROPLATE, 19.5" X 25.5" PLATE, REVERSIBLE, 5,600 LBS IMPACT							\$4,501	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	\$2.06	\$0.22	\$0.00	\$0.00	\$1.65	\$3.93	\$5.03
Standby	\$0.54	\$0.03							\$0.57	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C10WC007	BPU 3750A	COMPACTOR, VIBROPLATE, 19.7" WIDE PLATE, REVERSIBLE, 8,300 LBS IMPACT							\$6,181	Gas 8 HP 6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.47	\$0.04	\$1.51	\$2.99	\$0.32	\$0.00	\$0.00	\$2.26	\$5.57	\$7.08
Standby	\$0.74	\$0.04							\$0.78	

\* - 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
									7/1/2019	Main Carrier CWT
C10WC008			DPU 6555 HEC			COMPACTOR, VIBROPLATE, 22" X 35" PLATE, REVERSIBLE, 14,600 LBS IMPACT			\$14,559	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	\$2.73	\$0.30	\$0.00	\$0.00	\$5.32	\$8.35	\$11.90
Standby	\$1.73	\$0.09							\$1.82	

C10 0.20 ROLLERS, VIBRATORY

BOMAG										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C10BO009			BW 55E			COMPACTOR, ROLLER, VIBRATORY, 22"W X 15.7"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 2,250 LBS IMPACT			\$7,452	Gas 4 HP 4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.58	\$0.05	\$1.63	\$1.50	\$0.16	\$0.00	\$0.00	\$2.72	\$4.39	\$6.02
Standby	\$0.79	\$0.05							\$0.84	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

**C10 0.20 ROLLERS, VIBRATORY**

BOMAG													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C10BO011	BW 65H	COMPACTOR, ROLLER, VIBRATORY, 25.6"W X 15.7"DIA, DOUBLE SMOOTH DRUMS, WALK BEHIND, 4,950 LBS IMPACT							\$20,381	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		\$2.01	\$0.22	\$0.00	\$0.00	\$7.45	\$9.68		\$14.14	
Standby	\$2.17	\$0.13								\$2.30			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C10BO013	BMP8500	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33.5"W X 20.5"DIA, DOUBLE TAMPING FOOT DRUMS, WALK BEHIND, 16,200 LBS IMPACT							\$31,584	D-On	19.4	HP	35
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$6.71	\$0.20	\$6.91		\$4.70	\$0.51	\$0.00	\$0.00	\$11.55	\$16.75		\$23.66	
Standby	\$3.36	\$0.20								\$3.56			

\* - 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
									7/1/2019	Main Carrier CWT
C10MU001			MRH800GS			COMPACTOR, TRENCH ROLLER, VIBRATORY, 23"W X 14.6"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 7,875 LBS IMPACT			\$20,652	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	\$2.23	\$0.24	\$0.00	\$0.00	\$7.55	\$10.02	\$14.54
Standby	\$2.20	\$0.13							\$2.33	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C10MU002			RX157533			COMPACTOR, TRENCH ROLLER, VIBRATORY, 33"W X 21.7"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 15,652 LBS IMPACT			\$37,057	D-Off 20.5 HP 32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.87	\$0.24	\$8.11	\$4.15	\$0.45	\$0.00	\$0.00	\$13.55	\$18.15	\$26.26
Standby	\$3.94	\$0.24							\$4.18	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C10MU003			AR14H			COMPACTOR, ROLLER, VIBRATORY, 36"W X 22"DIA, DOUBLE SMOOTH DRUMS, RIDE ON, 3,400 LBF IMPACT			\$21,565	D-Off 21 HP 30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.58	\$0.14	\$4.72	\$4.25	\$0.46	\$0.00	\$0.00	\$7.88	\$12.59	\$17.31
Standby	\$2.29	\$0.14							\$2.43	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

WACKER CORPORATION															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C10WC010	RSS800A	COMPACTOR, ROLLER, VIBRATORY, 28"W X 22"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 3,400 LBS IMPACT							\$11,832	Gas	11	HP		11	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$2.51	\$0.08	\$2.59		\$4.12	\$0.45	\$0.00	\$0.00	\$4.33	\$8.89		\$11.48			
Standby	\$1.26	\$0.08								\$1.34					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
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							\$43,994	D-On	19.8	HP		32	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$9.35	\$0.28	\$9.63		\$4.79	\$0.52	\$0.00	\$0.00	\$16.08	\$21.39		\$31.02			
Standby	\$4.68	\$0.28								\$4.96					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C10WC017	RD7H E	COMPACTOR, ROLLER, VIBRATORY, 25.5"W X 16.5"DIA, DOUBLE SMOOTH DRUM, WALK BEHIND, 2,925 LBS IMPACT							\$16,713	D-Off	9	HP		16	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$3.55	\$0.11	\$3.66		\$1.82	\$0.20	\$0.00	\$0.00	\$6.11	\$8.13		\$11.79			
Standby	\$1.78	\$0.11								\$1.89					

\* - 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										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier		CWT	
C15BL001	1-8 DEC MKI&BDC-1216	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 8" PATH (ADD 4 KVA GENERATOR & BLAST MEDIA COST)		\$8,902		Elec 2	HP		2	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.78	\$0.06	\$1.84	\$0.14	\$0.58	\$0.00	\$0.00	\$2.44	\$3.16	\$5.00
Standby	\$0.89	\$0.06							\$0.95	

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier		CWT	
C15BL003	1-10DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 10" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)		\$48,253		Elec 10	HP		11	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.65	\$0.32	\$9.97	\$0.71	\$1.90	\$0.00	\$0.00	\$13.23	\$15.84	\$25.81
Standby	\$4.83	\$0.32							\$5.15	

\* - 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)							\$53,264	Elec	15	HP	8
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$10.65	\$0.35	\$11.00		\$1.07	\$2.35	\$0.00	\$0.00	\$14.60	\$18.03		\$29.03	
Standby	\$5.33	\$0.35								\$5.68			
									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)							\$67,581	Elec	30	HP	12
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$13.52	\$0.44	\$13.96		\$2.14	\$3.20	\$0.00	\$0.00	\$18.53	\$23.87		\$37.83	
Standby	\$6.76	\$0.44								\$7.20			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

EQUIPMENT DEVELOPMENT CO., INC. (EDCO)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C15ED001	TLR-7	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, 7" CUTTING WIDTH							\$8,849	Gas	11	HP	5
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.77	\$0.06	\$1.83		\$3.20	\$0.46	\$0.00	\$0.00	\$2.43	\$6.09	\$7.92		
Standby	\$0.89	\$0.06								\$0.95			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C15ED002	CPM-8	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, SCARIFIER, 8" CUTTING PATH							\$5,468	Gas	9	HP	2
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.09	\$0.04	\$1.13		\$2.62	\$0.38	\$0.00	\$0.00	\$1.50	\$4.50	\$5.63		
Standby	\$0.55	\$0.04								\$0.59			

\* - 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
									7/1/2019	Main Carrier CWT
C15BL007			2-48DS & 2-48DC			CONCRETE BLASTER, SELF PROPELLED, 48" PATH			\$161,762	Elec 110 HP 51
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.18	\$0.96	\$17.14	\$10.66	\$9.99	\$0.00	\$0.00	\$22.18	\$42.82	\$59.96
Standby	\$8.09	\$0.96							\$9.05	

NO SPECIFIC MANUFACTURER										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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)			\$99,490	Gas 350 HP 40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.95	\$0.59	\$10.54	\$139.06	\$20.05	\$0.00	\$0.00	\$13.64	\$172.75	\$183.29
Standby	\$4.98	\$0.59							\$5.57	

\* - 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
									7/1/2019	Main      Carrier
										CWT
C20XX001	WBH-16	CONCRETE BUGGY, 16 CF BUCKET, 2,500 LBS							\$12,723	Gas    12    HP      14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.48	\$0.08	\$2.56	\$3.49	\$0.50	\$0.05	\$0.01	\$2.66	\$6.71	\$9.27
Standby	\$1.24	\$0.08							\$1.32	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
C20XX002	107TT	CONCRETE BUGGY, 11.5 CF BUCKET, 1,500 LBS, CRAWLER MTD							\$14,429	Gas    8    HP      14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.89	\$0.09	\$2.98	\$2.33	\$0.34	\$0.00	\$0.00	\$3.08	\$5.74	\$8.72
Standby	\$1.45	\$0.09							\$1.54	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

ALLEN ENGINEERING CORP.															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C25AJ020	TR MP215	CONCRETE TROWEL, RIDING, 2 - 36" DIA ROTORS, 4 BLADED SPIDER, 145 RPM								\$13,564	Gas	22	HP		8
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.17	\$0.09	\$2.26		\$6.40	\$0.92	\$0.00	\$0.00	\$2.64	\$9.97	\$12.23				
Standby	\$1.09	\$0.09								\$1.18					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C25AJ022	TR MSP445	CONCRETE TROWEL, RIDING, 2 - 46" DIA ROTORS, 5 BLADED SPIDER, 45-180 RPM								\$21,667	Gas	37	HP		11
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.47	\$0.14	\$3.61		\$10.77	\$1.55	\$0.00	\$0.00	\$4.22	\$16.55	\$20.16				
Standby	\$1.74	\$0.14								\$1.88					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C25AJ029	436P	CONCRETE FINISHER, WALK BEHIND, POWER ROTO TROWEL, 36" DIA ROTOR, 4 BLADES, 120 RPM								\$3,101	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		\$2.62	\$0.38	\$0.00	\$0.00	\$0.60	\$3.60	\$4.12				
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
									7/1/2019	Main      Carrier      CWT
C25AJ030	MSP 455	CONCRETE TROWEL, RIDING, 2-46" DIA, 5 BLADED SPIDER, 165 RPM							\$26,132	Gas    37    HP      12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.16	\$4.34	\$10.77	\$1.55	\$0.00	\$0.00	\$5.10	\$17.42	\$21.76
Standby	\$2.09	\$0.16							\$2.25	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C25AJ036	HDX780	CONCRETE TROWEL, RIDING, 2 - 60" DIA ROTORS, 6 BLADED, 130 RPM							\$79,639	D-Off    74    HP      29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.74	\$0.50	\$13.24	\$11.85	\$1.49	\$0.00	\$0.00	\$15.53	\$28.87	\$42.11
Standby	\$6.37	\$0.50							\$6.87	

MULTIQUIP, INC.										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C25MU001	J36H90H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 36" DIA ROTOR, 4 BLADES							\$2,865	Gas    8    HP      3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.46	\$0.02	\$0.48	\$2.33	\$0.34	\$0.00	\$0.00	\$0.56	\$3.22	\$3.70
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.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
C25MU002	B46H11H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 46" DIA ROTOR, 4 BLADES							\$3,109	Gas	9	HP		3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.50	\$0.02	\$0.52		\$2.62	\$0.38	\$0.00	\$0.00	\$0.61	\$3.60	\$4.12			
Standby	\$0.25	\$0.02								\$0.27				

WACKER CORPORATION														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
C25WC002	CT48-8A	CONCRETE FINISHER, WALK BEHIND, POWER TROWEL, 48" DIA ROTOR, 4 BLADES							\$3,090	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		\$2.07	\$0.30	\$0.00	\$0.00	\$0.60	\$2.97	\$3.48			
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.														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C25AJ024	SA12	CONCRETE, PNEUMATIC VIBRATORY SCREED, VARIABLE WIDTH 65' MAX WDITH (ADD 100CFM COMPRESSOR)							\$10,814					12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.73	\$0.07	\$1.80	\$0.00	\$0.00	\$0.00	\$0.00	\$2.11	\$2.11	\$3.91				
Standby	\$0.87	\$0.07							\$0.94					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C25AJ026	HD7070 10'	CONCRETE, VIBRATORY POWER SCREED, 10' WIDTH							\$2,638		Gas	1.5	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.42	\$0.02	\$0.44	\$0.44	\$0.06	\$0.00	\$0.00	\$0.51	\$1.02	\$1.46				
Standby	\$0.21	\$0.02							\$0.23					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C25AJ027	HD7070 16'	CONCRETE, VIBRATORY POWER SCREED, 16' WIDTH							\$2,941		Gas	1.5	HP	1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$0.47	\$0.02	\$0.49	\$0.44	\$0.06	\$0.00	\$0.00	\$0.57	\$1.08	\$1.57				
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.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C25AJ028	RTF EPU ROLLER	CONCRETE, ROLLER TUBE FINISHER, UP TO 20' WIDTH, 4.5" DIA							\$3,702	Gas	2.5	HP		2
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.59	\$0.02	\$0.61		\$0.73	\$0.11	\$0.00	\$0.00	\$0.72	\$1.56	\$2.17			
Standby	\$0.30	\$0.02								\$0.32				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C25AJ035	SE12	SCREED, ECCENTRIC SHAFT VIBRATORY SCREED, VARIABLE WIDTH UP TO 42.5' MAX							\$13,188	Gas	11	HP		12
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.11	\$0.08	\$2.19		\$3.20	\$0.46	\$0.00	\$0.00	\$2.57	\$6.23	\$8.42			
Standby	\$1.06	\$0.08								\$1.14				

\* - 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
C25XX030	4' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 4' WIDTH							\$1,821	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		\$0.44	\$0.06	\$0.00	\$0.00	\$0.36	\$0.86	\$1.16		
Standby	\$0.15	\$0.01								\$0.16			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C25XX031	8' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 8' WIDTH							\$1,896	Gas	1.5	HP	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		\$0.44	\$0.06	\$0.00	\$0.00	\$0.37	\$0.87	\$1.18		
Standby	\$0.15	\$0.01								\$0.16			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C25XX032	12.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 12.5' WIDTH							\$5,917	Gas	5.5	HP	2
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.95	\$0.04	\$0.99		\$1.60	\$0.23	\$0.00	\$0.00	\$1.15	\$2.98	\$3.97		
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														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
C25XX033	15' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 15' WIDTH								\$6,444	Gas	5.5	HP	2
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.03	\$0.04	\$1.07		\$1.60	\$0.23	\$0.00	\$0.00	\$1.26	\$3.09	\$4.16			
Standby	\$0.52	\$0.04								\$0.56				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
C25XX034	22.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 22.5' WIDTH								\$10,866	Gas	9	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.74	\$0.07	\$1.81		\$2.62	\$0.38	\$0.00	\$0.00	\$2.12	\$5.12	\$6.93			
Standby	\$0.87	\$0.07								\$0.94				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
C25XX035	30' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 30' WIDTH								\$10,551	Gas	9	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.69	\$0.07	\$1.76		\$2.62	\$0.38	\$0.00	\$0.00	\$2.06	\$5.05	\$6.81			
Standby	\$0.85	\$0.07								\$0.92				

\* - 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
C25XX036	32.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 32.5' WIDTH							\$13,088	Gas	9	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.09	\$0.08	\$2.17		\$2.62	\$0.38	\$0.00	\$0.00	\$2.55	\$5.55	\$7.72		
Standby	\$1.05	\$0.08								\$1.13			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C25XX037	35' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 35' WIDTH							\$11,572	Gas	9	HP	4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.85	\$0.07	\$1.92		\$2.62	\$0.38	\$0.00	\$0.00	\$2.26	\$5.25	\$7.17		
Standby	\$0.93	\$0.07								\$1.00			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C25XX038	42.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 42.5' WIDTH							\$13,898	Gas	11	HP	4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.22	\$0.09	\$2.31		\$3.20	\$0.46	\$0.00	\$0.00	\$2.71	\$6.37	\$8.68		
Standby	\$1.11	\$0.09								\$1.20			

\* - 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							\$21,605	Gas	9	HP				4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate					
Average	\$3.46	\$0.14	\$3.60		\$2.62	\$0.38	\$0.00	\$0.00	\$4.21	\$7.21	\$10.81					
Standby	\$1.73	\$0.14								\$1.87						

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							\$97,999	Gas	21	HP	11
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.52	\$0.62	\$9.14		\$5.72	\$1.09	\$0.11	\$0.02	\$8.91	\$15.85	\$24.99		
Standby	\$4.26	\$0.62								\$4.88			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

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
C25SV005	S-840; S-940	CONCRETE, VIBRATORY SCREED, WALK BEHIND, 8' WIDTH							\$154,839	D-Off 24 HP 16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.49	\$0.97	\$14.46	\$3.50	\$0.59	\$0.11	\$0.02	\$14.11	\$18.33	\$32.79
Standby	\$6.75	\$0.97							\$7.72	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C25SV008	MINI SCREED C	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 80" SCREED WIDTH							\$35,091	Gas 6 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.04	\$0.22	\$3.26	\$1.64	\$0.31	\$0.06	\$0.01	\$3.18	\$5.21	\$8.47
Standby	\$1.52	\$0.22							\$1.74	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C25SV009	S-10A	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM							\$156,005	D-Off 35 HP 75
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.59	\$0.98	\$14.57	\$5.11	\$0.87	\$0.11	\$0.02	\$14.22	\$20.32	\$34.89
Standby	\$6.80	\$0.98							\$7.78	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

**C25    0.25    VIBRATORY LASER SCREED**

**SOMERO ENTERPRISES, INC.**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

**C25 0.30 MATERIAL/TOPPING SPREADERS**

**SOMERO ENTERPRISES, INC.**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

AIRPLACO EQUIPMENT CO., INC.												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
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)							\$14,117		6	
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	\$2.21	\$2.21	\$3.81		
Standby	\$0.76	\$0.09							\$0.85			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
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)							\$12,370		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	\$1.94	\$1.94	\$3.35		
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										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
C35EN001	HALMAN EN CRETER	CONCRETE GUNTERS / SHOTCRETERS, SHOTCRETE HYDRAULIC SPRAYER ARM, 24' REACH (ADD TRUCK OR SMALL TRAILER & SHOTCRETE UNIT)			\$195,150		Elec 40 HP		91	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.91	\$1.21	\$22.12	\$3.06	\$4.05	\$0.00	\$0.00	\$30.58	\$37.68	\$59.80
Standby	\$10.46	\$1.21							\$11.67	

PUTZMEISTER INC.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$50,978		D-Off 35 HP		47	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.39	\$0.32	\$5.71	\$5.93	\$1.75	\$0.12	\$0.02	\$7.91	\$15.73	\$21.44
Standby	\$2.70	\$0.32							\$3.02	

\* - 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
C35PU002	GRH-610 ROTARY GUN	CONCRETE GUNITER/SHOTCRETER, ROTARY PUMP, WET/DRY, 1 - 6 CY/HR, W/HOPPER/ 100' - 1.5" DIA HOSE/ & NOZZLE, CART MTD, (ADD 250 - 600 CFM COMPRESSOR)							\$19,985	Elec	5	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.14	\$0.12	\$2.26	\$0.38	\$0.38	\$0.00	\$0.00	\$3.13	\$3.89	\$6.15			
Standby	\$1.07	\$0.12							\$1.19				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C35PU003	N-2 PNEUMATIC GUN	CONCRETE GUNITER/SHOTCRETER, DRY MIX, 2 - 8 CY/HR, W/2 PRESSURIZED TANKS/ 100' - 1.5" DIA HOSE/ & NOZZLE (ADD 200 - 900 CFM COMPRESSOR)							\$31,543	Air	9	CFM	13
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.38	\$0.20	\$3.58	\$0.00	\$0.30	\$0.00	\$0.00	\$4.94	\$5.24	\$8.82			
Standby	\$1.69	\$0.20							\$1.89				

\* - 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		
C35PU004	AG-15 AUTOMATIC GUN	CONCRETE GUNTER/SHOTCRETER, ROTARY PUMP, WET/DRY, 3 - 15 CY/HR (ADD 300 - 900 CFM COMPRESSOR)		\$15,996		Air	9 CFM	7		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.71	\$0.10	\$1.81	\$0.00	\$0.40	\$0.00	\$0.00	\$2.51	\$2.91	\$4.72
Standby	\$0.86	\$0.10							\$0.96	

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier	CWT		
C35PU005	TK10	CONCRETE GUNTER/SHOTCRETER, GROUT/MUD JACK/ SHOTCRETE, 7 CY/HR, 2,085 PSI, 8 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)		\$57,955		D-Off	61 HP	40		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.17	\$0.36	\$6.53	\$10.34	\$1.80	\$0.06	\$0.01	\$9.04	\$21.26	\$27.79
Standby	\$3.09	\$0.36							\$3.45	

\* - 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
C35PU006	TK40	CONCRETE PUMP/SHOTCRETER, UP TO 40 CY/HR, 1150 PSI, 9.5 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)							\$77,902	D-Off	68 HP
											56
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.30	\$0.48	\$8.78	\$11.53	\$1.45	\$0.09	\$0.01	\$12.15	\$25.24	\$34.02	
Standby	\$4.15	\$0.48							\$4.63		

REED MANUFACTURING											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
C35RQ001	SOVA	CONCRETE GUNTER/SHOTCRETER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 315 CFM AIR COMPRESSOR)							\$23,507		5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.52	\$0.15	\$2.67	\$0.00	\$1.00	\$0.00	\$0.00	\$3.68	\$4.68	\$7.35	
Standby	\$1.26	\$0.15							\$1.41		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNTERS / SHOTCRETERS

C35 0.00 CONCRETE GUNTERS / SHOTCRETERS

REED MANUFACTURING											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
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)								\$15,621	Carrier
											CWT
											7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.67	\$0.10	\$1.77	\$0.00	\$2.00	\$0.00	\$0.00	\$2.45	\$4.45	\$6.22	
Standby	\$0.84	\$0.10							\$0.94		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
C35RQ004	209E	CONCRETE GUNTER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 5KW GENERATOR)								\$29,869	Elec 5 HP
											CWT
											5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.20	\$0.18	\$3.38	\$0.38	\$0.19	\$0.00	\$0.00	\$4.68	\$5.25	\$8.63	
Standby	\$1.60	\$0.18							\$1.78		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## C40 CONCRETE MIXING UNITS

**C40 0.00 CONCRETE MIXING UNITS**

CEMEN TECH													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C40CC001	SCD2-50	CONCRETE MIXERS, STATIONARY CONCRETE DISPENSER, 15 CY/HR, 2 - 4.5 CY MATERIAL CAPACITY							\$59,919	Elec	10	HP	23
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$9.59	\$0.38	\$9.97		\$0.71	\$0.40	\$0.00	\$0.00	\$11.68	\$12.79		\$22.76	
Standby	\$4.80	\$0.38								\$5.18			
MULTIQUIP, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C40MU001	WM70SH8	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 7 CF, TRAILER MTD							\$4,311	Gas	8	HP	8
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$0.65	\$0.03	\$0.68		\$2.33	\$0.34	\$0.05	\$0.01	\$0.80	\$3.53		\$4.21	
Standby	\$0.33	\$0.03								\$0.36			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C40MU002	WM120SHHD	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, TRAILER MTD							\$7,677	Gas	13	HP	11
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$1.18	\$0.05	\$1.23		\$3.78	\$0.54	\$0.05	\$0.01	\$1.45	\$5.84		\$7.07	
Standby	\$0.59	\$0.05								\$0.64			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU003	MC64SH8	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD							\$4,917	Gas 8 HP 7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.74	\$0.03	\$0.77	\$2.33	\$0.34	\$0.05	\$0.01	\$0.92	\$3.64	\$4.41
Standby	\$0.37	\$0.03							\$0.40	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU004	MC94SH8	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD							\$4,696	Gas 8 HP 8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.71	\$0.03	\$0.74	\$2.33	\$0.34	\$0.05	\$0.01	\$0.87	\$3.60	\$4.34
Standby	\$0.36	\$0.03							\$0.39	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU005	MC44SE	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD							\$3,042	Elec 0.5 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.45	\$0.02	\$0.47	\$0.04	\$0.22	\$0.05	\$0.01	\$0.55	\$0.87	\$1.34
Standby	\$0.23	\$0.02							\$0.25	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU006	MC44SH	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD							\$3,509	Gas 5.5 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.52	\$0.02	\$0.54	\$1.60	\$0.23	\$0.05	\$0.01	\$0.64	\$2.53	\$3.07
Standby	\$0.26	\$0.02							\$0.28	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU007	MC64SE	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD							\$3,857	Elec 2 HP 7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.58	\$0.02	\$0.60	\$0.14	\$0.33	\$0.05	\$0.01	\$0.71	\$1.24	\$1.84
Standby	\$0.29	\$0.02							\$0.31	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40MU008	MC94SE	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD							\$4,623	Elec 1.5 HP 8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.70	\$0.03	\$0.73	\$0.11	\$0.36	\$0.05	\$0.01	\$0.86	\$1.39	\$2.12
Standby	\$0.35	\$0.03							\$0.38	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40XX001	6E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 6 CF, ELECTRIC, PORTABLE							\$3,393	Elec 5.5 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.02	\$0.56	\$0.39	\$0.42	\$0.00	\$0.00	\$0.66	\$1.47	\$2.03
Standby	\$0.27	\$0.02							\$0.29	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40XX002	9.5G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, GAS, PORTABLE							\$3,886	Gas 5.5 HP 7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.62	\$0.02	\$0.64	\$1.60	\$0.23	\$0.00	\$0.00	\$0.76	\$2.59	\$3.23
Standby	\$0.31	\$0.02							\$0.33	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C40XX003	9.5E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, ELECTRIC, PORTABLE							\$3,769	Elec 1.5 HP 5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.60	\$0.02	\$0.62	\$0.11	\$0.26	\$0.00	\$0.00	\$0.73	\$1.11	\$1.73
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	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C40XX005			12E			CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, ELECTRIC, PORTABLE			\$5,460	Elec 5 HP 12
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$0.87	\$0.03	\$0.90		\$0.36	\$0.45	\$0.00	\$0.00	\$1.06	\$1.88 \$2.78
Standby	\$0.44	\$0.03								\$0.47
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C40XX006			16E			CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, ELECTRIC, PORTABLE			\$11,047	Elec 5 HP 17
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.77	\$0.07	\$1.84		\$0.36	\$0.45	\$0.00	\$0.00	\$2.15	\$2.97 \$4.81
Standby	\$0.89	\$0.07								\$0.96
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C40XX007			16G			CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, GAS, PORTABLE			\$10,812	Gas 13 HP 13
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.73	\$0.07	\$1.80		\$3.78	\$0.54	\$0.00	\$0.00	\$2.11	\$6.43 \$8.23
Standby	\$0.87	\$0.07								\$0.94

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C45GO011	COMMANDE R III (CURB	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM							\$354,935	D-On	185	HP		300
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$47.32	\$2.18	\$49.50		\$37.50	\$4.73	\$0.00	\$0.00	\$75.93	\$118.16	\$167.66			
Standby	\$23.66	\$2.18								\$25.84				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C45GO012	COMMANDE R III (4 TRA	CONCRETE PAVING MACHINES, CRAWLER , 4-TRACK, 16' PAVING WIDTH							\$535,791	D-Off	169	HP		369
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$71.44	\$3.29	\$74.73		\$28.66	\$3.62	\$0.00	\$0.00	\$114.62	\$146.89	\$221.62			
Standby	\$35.72	\$3.29								\$39.01				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C45GO013	GT-3200	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM							\$247,328	D-Off	92	HP		130
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$32.98	\$1.52	\$34.50		\$15.60	\$1.97	\$0.00	\$0.00	\$52.91	\$70.48	\$104.98			
Standby	\$16.49	\$1.52								\$18.01				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C45GO014	GT-3600	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM							\$281,544	D-Off	98	HP			210
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$37.54	\$1.73	\$39.27		\$16.62	\$2.10	\$0.00	\$0.00	\$60.23	\$78.95		\$118.22			
Standby	\$18.77	\$1.73								\$20.50					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C45GO016	GP-2600 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH							\$863,996	D-Off	230	HP			750
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$115.20	\$5.30	\$120.50		\$39.00	\$4.92	\$0.00	\$0.00	\$184.83	\$228.75		\$349.25			
Standby	\$57.60	\$5.30								\$62.90					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C45GO018	GP3 2-Track	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH							\$900,497	D-Off	300	HP			700
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$120.07	\$5.53	\$125.60		\$50.87	\$6.42	\$0.00	\$0.00	\$192.64	\$249.93		\$375.53			
Standby	\$60.04	\$5.53								\$65.57					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO020	GP-4000 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 38' PAVING WIDTH							\$1,149,202	D-Off	450	HP	880
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$153.23	\$7.05	\$160.28	\$76.30	\$9.62	\$0.00	\$0.00	\$245.84	\$331.77	\$492.05			
Standby	\$76.62	\$7.05							\$83.67				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO026	C-450X	CONCRETE PAVING MACHINES, CYLINDER FINISHER, SINGLE DRUM, FINISHING WIDTH 57'							\$110,577	Gas	36	HP	64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.74	\$0.68	\$15.42	\$11.31	\$1.63	\$0.00	\$0.00	\$23.66	\$36.60	\$52.02			
Standby	\$7.37	\$0.68							\$8.05				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO027	C-650-F	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'							\$167,745	D-Off	50	HP	91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.37	\$1.03	\$23.40	\$8.48	\$1.07	\$0.00	\$0.00	\$35.88	\$45.43	\$68.83			
Standby	\$11.19	\$1.03							\$12.22				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO028	C-650-S	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'							\$172,400	D-Off	50	HP	126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.99	\$1.06	\$24.05	\$8.48	\$1.07	\$0.00	\$0.00	\$36.88	\$46.43	\$70.48			
Standby	\$11.50	\$1.06							\$12.56				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO029	C-750	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 96'							\$179,035	Gas	36	HP	91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$23.87	\$1.10	\$24.97	\$11.31	\$1.63	\$0.00	\$0.00	\$38.30	\$51.24	\$76.21			
Standby	\$11.94	\$1.10							\$13.04				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO031	9500	CONCRETE PAVING MACHINES, TRIMMER/PLACER, W/16' TRIMMER HEAD							\$616,781	D-Off	385	HP	729
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$82.24	\$3.79	\$86.03	\$65.28	\$8.23	\$0.00	\$0.00	\$131.94	\$205.46	\$291.49			
Standby	\$41.12	\$3.79							\$44.91				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45GO032	GP4 2-TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH							\$989,931	D-Off	300	HP	750
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$131.99	\$6.08	\$138.07	\$50.87	\$6.42	\$0.00	\$0.00	\$211.77	\$269.06	\$407.13			
Standby	\$66.00	\$6.08							\$72.08				

M-B-W, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C45MW002	C101	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 12" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT							\$78,482	D-Off	26.5	HP	26
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.41	\$0.48	\$10.89	\$4.49	\$0.57	\$0.06	\$0.01	\$16.73	\$21.85	\$32.74			
Standby	\$5.21	\$0.48							\$5.69				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

M-B-W, INC.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
C45MW003	CG200	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 48" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT							\$103,861	D-Off	26.5	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.78	\$0.64	\$14.42		\$4.49	\$0.57	\$0.08	\$0.01	\$22.13	\$27.29	\$41.71			
Standby	\$6.89	\$0.64								\$7.53				

MILLER CURBER														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
C45MJ001	MC 650	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 6.1 CF HOPPER 6" AUGER							\$10,111	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		\$4.08	\$0.59	\$0.00	\$0.00	\$2.16	\$6.83	\$8.24			
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		
				7/1/2019				Main		
								Carrier		
								CWT		
C45MJ002	MC 350	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, USE FOR DECORATIVE LANDSCAPE BORDERS, 0.86 CF HOPPER, 4" AUGER			\$4,021	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	\$1.26	\$0.18	\$0.00	\$0.00	\$0.86	\$2.30	\$2.86
Standby	\$0.27	\$0.02							\$0.29	

SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
C45MJ003	MC 550	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, SLIPFORM PAVER, 6.1 CF HOPPER, 6" AUGER			\$8,634	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	\$4.08	\$0.59	\$0.00	\$0.00	\$1.85	\$6.52	\$7.72
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														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
C45MJ004	MC 900	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 9.0 CF HOPPER, 6" AUGER							\$15,366	Gas	20	HP		10
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.05	\$0.09	\$2.14		\$6.28	\$0.91	\$0.00	\$0.00	\$3.29	\$10.47	\$12.61			
Standby	\$1.03	\$0.09								\$1.12				

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C55MU001	C30HDG	CONCRETE PUMP, 25 CY/HR, SINGLE, TRAILER MTD							\$38,099	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		\$13.10	\$1.89	\$0.05	\$0.01	\$5.77	\$20.81	\$25.28		
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55MU002	LS-400	CONCRETE PUMP, 45 CY/HR, SINGLE, TRAILER MTD							\$67,071	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	\$12.65	\$1.60	\$0.00	\$0.00	\$10.22	\$24.46	\$32.38
Standby	\$3.78	\$0.37							\$4.15	

OLIN PUMP										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55OE011	15 95	CONCRETE PUMP, 100 CY/HR, TRAILER MTD TANDEM (OPEN LOOP HYDRAULIC SYSTEM)							\$133,906	D-Off 173 HP 70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.06	\$0.74	\$15.80	\$27.70	\$3.49	\$0.00	\$0.00	\$20.40	\$51.59	\$67.39
Standby	\$7.53	\$0.74							\$8.27	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55OE013	15 30	CONCRETE PUMP, 35 CY/HR,TRAILER MTD							\$53,074	D-Off 48 HP 44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.94	\$0.30	\$6.24	\$7.69	\$0.97	\$0.06	\$0.01	\$8.05	\$16.77	\$23.01
Standby	\$2.97	\$0.30							\$3.27	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

REED MANUFACTURING										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55RQ003	A30	CONCRETE PUMP, 30 CY/HR, 903 PSI, TRAILER MTD							\$62,391	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	\$13.13	\$1.66	\$0.06	\$0.01	\$9.47	\$24.32	\$31.66
Standby	\$3.50	\$0.35							\$3.85	

SCHWING AMERICA INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55SC001	SP750-18	CONCRETE PUMP, 70 CY/HR, 1,100 PSI, TRAILER MTD							\$102,849	D-Off 100 HP 89
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.52	\$0.57	\$12.09	\$16.01	\$2.02	\$0.09	\$0.01	\$15.61	\$33.74	\$45.83
Standby	\$5.76	\$0.57							\$6.33	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55SC002	SP2000	CONCRETE PUMP, 91 CY/HR, 1,566 PSI, TRAILER MTD							\$145,736	D-Off 173 HP 131
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.31	\$0.81	\$17.12	\$27.70	\$3.49	\$0.15	\$0.02	\$22.10	\$53.46	\$70.58
Standby	\$8.16	\$0.81							\$8.97	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

SCHWING AMERICA INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55SC005	S28X	CONCRETE PUMP, 151 CY/HR, 77' BOOM, TRUCK MTD							\$373,667	D-On 425 HP 359
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.54	\$2.08	\$43.62	\$81.35	\$10.26	\$1.16	\$0.18	\$56.31	\$149.27	\$192.89
Standby	\$20.77	\$2.08							\$22.85	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55SC006	S39 SXD	CONCRETE PUMP, 208 CY/HR, 113' BOOM, TRUCK MTD							\$786,200	D-On 425 HP 470
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.95	\$4.37	\$92.32	\$81.35	\$10.26	\$1.16	\$0.18	\$119.15	\$212.11	\$304.43
Standby	\$43.98	\$4.37							\$48.35	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C55SC007	LB40 T5-20	CONCRETE CONVEYOR, 129' BOOM, 8.4 CY/MIN							\$643,590	D-On 425 HP 668
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.61	\$3.58	\$75.19	\$81.35	\$10.26	\$1.84	\$0.29	\$97.06	\$190.81	\$266.00
Standby	\$35.81	\$3.58							\$39.39	

\* - 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
									7/1/2019	Main Carrier CWT
C55SC008			LB33 T4-20			CONCRETE CONVEYOR, 107' BOOM, 8.4 CY/MIN			\$542,400	D-On 425 HP 824
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.42	\$3.02	\$63.44	\$81.35	\$10.26	\$1.36	\$0.22	\$81.89	\$175.08	\$238.52
Standby	\$30.21	\$3.02							\$33.23	

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
									7/1/2019	Main Carrier CWT
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)			\$39,773	Elec 17 HP 3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.97	\$0.23	\$6.20	\$1.56	\$0.79	\$0.00	\$0.00	\$8.08	\$10.43	\$16.63
Standby	\$2.99	\$0.23							\$3.22	

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$2,234	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		\$1.87	\$0.27	\$0.00	\$0.00	\$0.45	\$2.59 \$2.94
Standby	\$0.17	\$0.01								\$0.18

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C60HV003			K970 CHAIN			CONCRETE SAW, 16" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)			\$2,237	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		\$2.43	\$0.35	\$0.00	\$0.00	\$0.45	\$3.23 \$3.58
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.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV004	K970	CONCRETE SAW, 5" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$1,673	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		\$2.43	\$0.35	\$0.00	\$0.00	\$0.34	\$3.12		\$3.38			
Standby	\$0.13	\$0.01								\$0.14					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV005	K970 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$4,458	Gas	6.5	HP		1	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$0.67	\$0.03	\$0.70		\$2.43	\$0.35	\$0.00	\$0.00	\$0.91	\$3.69		\$4.39			
Standby	\$0.34	\$0.03								\$0.37					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV006	K1270	CONCRETE SAW, 4.6" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$2,244	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		\$2.92	\$0.42	\$0.00	\$0.00	\$0.46	\$3.80		\$4.15			
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
									7/1/2019	Main Carrier CWT
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)			\$2,257	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		\$1.35	\$0.19	\$0.00	\$0.00	\$0.46	\$2.00 \$2.35
Standby	\$0.17	\$0.01								\$0.18
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C60HV008			K760			CONCRETE SAW, 4.00" DEPTH, HAND HELD, 12" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)			\$1,245	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		\$1.87	\$0.27	\$0.00	\$0.00	\$0.25	\$2.39 \$2.59
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.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV009	K3600 MKII	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$4,520	Gas	5.8	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		\$2.17	\$0.31	\$0.00	\$0.00	\$0.92	\$3.40	\$4.11				
Standby	\$0.34	\$0.03								\$0.37					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV010	FS 400	CONCRETE SAW, 6.5" DEPTH, WALK BEHIND, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$3,005	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		\$4.12	\$0.59	\$0.00	\$0.00	\$0.61	\$5.32	\$5.79				
Standby	\$0.23	\$0.02								\$0.25					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV011	FS 7000 D 20	CONCRETE SAW, 8" DEPTH, SELF PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$46,320	D-On	74	HP		21	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.95	\$0.27	\$7.22		\$17.91	\$3.06	\$0.00	\$0.00	\$9.41	\$30.37	\$37.59				
Standby	\$3.48	\$0.27								\$3.75					

\* - 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.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV012	FS 7000 D 36	CONCRETE SAW, 15" DEPTH, SELF PROPELLED, 36" BLADE, CLUTCH & ETRAC SYSTEM (ADD COST FOR SAWBLADE WEAR & WATER)							\$47,004	D-On	74	HP		21	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$7.05	\$0.27	\$7.32		\$17.91	\$3.06	\$0.00	\$0.00	\$9.55	\$30.51		\$37.83			
Standby	\$3.53	\$0.27								\$3.80					

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV013	FS 7000 D 42	CONCRETE SAW, 17.25" DEPTH, SELF PROPELLED, 42" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$47,226	D-On	74	HP		21	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$7.08	\$0.27	\$7.35		\$17.91	\$3.06	\$0.00	\$0.00	\$9.59	\$30.56		\$37.91			
Standby	\$3.54	\$0.27								\$3.81					

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV014	FS 3500 E 26	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 26" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)							\$21,382	Elec	30	HP		12	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$3.21	\$0.12	\$3.33		\$2.75	\$1.39	\$0.00	\$0.00	\$4.34	\$8.48		\$11.81			
Standby	\$1.61	\$0.12								\$1.73					

\* - 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.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV017	K6500 CHAIN	CONCRETE SAW, 18" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)							\$6,995	Gas	7.4	HP		1	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.05	\$0.04	\$1.09		\$2.77	\$0.40	\$0.00	\$0.00	\$1.42	\$4.59	\$5.68				
Standby	\$0.53	\$0.04								\$0.57					

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV018	K6500 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$8,302	Gas	7.4	HP		1	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.25	\$0.05	\$1.30		\$2.77	\$0.40	\$0.00	\$0.00	\$1.69	\$4.86	\$6.16				
Standby	\$0.63	\$0.05								\$0.68					

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$53,358	Elec 6 HP 3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$8.00	\$0.31	\$8.31		\$0.55	\$0.28	\$0.00	\$0.00	\$10.84	\$11.67 \$19.98
Standby	\$4.00	\$0.31								\$4.31
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C60HV020			FS 4600 G 20			CONCRETE SAW, 8.3" DEPTH, SELF-PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)			\$36,625	Gas 48 HP 12
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$5.49	\$0.21	\$5.70		\$17.96	\$2.59	\$0.00	\$0.00	\$7.44	\$27.99 \$33.69
Standby	\$2.75	\$0.21								\$2.96

\* - 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.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV021	FS 4600 G 30	CONCRETE SAW, 12.5" DEPTH, SELF PROPELLED, 30" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$36,625	Gas	48	HP		12	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.49	\$0.21	\$5.70		\$17.96	\$2.59	\$0.00	\$0.00	\$7.44	\$27.99	\$33.69				
Standby	\$2.75	\$0.21								\$2.96					

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV023	FS 3500 E 30	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 30" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)							\$21,382	Elec	30	HP		12	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.21	\$0.12	\$3.33		\$2.75	\$1.39	\$0.00	\$0.00	\$4.34	\$8.48	\$11.81				
Standby	\$1.61	\$0.12								\$1.73					

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV024	FS 4600 G 26	CONCRETE SAW, 12.5" DEPTH, SELF-PROPELLED, 26" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$36,625	Gas	48	HP		12	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.49	\$0.21	\$5.70		\$17.96	\$2.59	\$0.00	\$0.00	\$7.44	\$27.99	\$33.69				
Standby	\$2.75	\$0.21								\$2.96					

\* - 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.															
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV025	FS 309 G 14	CONCRETE SAW, 4.625" DEPTH, MANUAL, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$2,165	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		\$3.37	\$0.49	\$0.00	\$0.00	\$0.44	\$4.30	\$4.63				
Standby	\$0.16	\$0.01								\$0.17					
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV026	FS 513 G 18	CONCRETE SAW, 6.625" DEPTH, SELF-PROPELLED, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)							\$5,628	Gas	11	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		\$4.12	\$0.59	\$0.00	\$0.00	\$1.14	\$5.86	\$6.73				
Standby	\$0.42	\$0.03								\$0.45					
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
C60HV027	FS 520	CONCRETE SAW, 7.70" MAX CUTTING DEPTH, WALK BEHIND(ADD COST FOR SAWBLADE WEAR & WATER)							\$8,402	Gas	21	HP		4	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$1.26	\$0.05	\$1.31		\$7.86	\$1.13	\$0.00	\$0.00	\$1.71	\$10.70	\$12.01				
Standby	\$0.63	\$0.05								\$0.68					

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$70,513	Elec 27 HP 4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.58	\$0.41	\$10.99	\$2.48	\$1.25	\$0.00	\$0.00	\$14.32	\$18.05	\$29.04
Standby	\$5.29	\$0.41							\$5.70	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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)			\$66,982	Elec 17.4 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.05	\$0.39	\$10.44	\$1.60	\$0.81	\$0.00	\$0.00	\$13.60	\$16.01	\$26.45
Standby	\$5.03	\$0.39							\$5.42	

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$72,917	Elec 34 HP 4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.94	\$0.42	\$11.36	\$3.12	\$1.58	\$0.00	\$0.00	\$14.81	\$19.51	\$30.87
Standby	\$5.47	\$0.42							\$5.89	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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)			\$90,405	Elec 26 HP 2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.56	\$0.52	\$14.08	\$2.39	\$1.21	\$0.00	\$0.00	\$18.36	\$21.96	\$36.04
Standby	\$6.78	\$0.52							\$7.30	

\* - 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.										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier		CWT	
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)		\$15,513		Elec	10	HP	1	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.33	\$0.09	\$2.42	\$0.92	\$0.47	\$0.00	\$0.00	\$3.15	\$4.54	\$6.96
Standby	\$1.17	\$0.09							\$1.26	

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

ALLEN ENGINEERING CORP.										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier		CWT	
C65AJ025	AHFV22	CONCRETE VIBRATOR, 2.2" HEAD, 21' SHAFT (INCLUDES 1.5 HP GAS MOTOR)		\$1,520		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	\$0.41	\$0.06	\$0.00	\$0.00	\$1.16	\$1.63	\$1.98
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C65MU001	CV1A	CONCRETE VIBRATOR, 1.375" HEAD, 21' SHAFT (ADD 2KW GENERATOR)							\$928	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	\$0.07	\$0.04	\$0.00	\$0.00	\$0.71	\$0.82	\$1.04
Standby	\$0.11	\$0.01							\$0.12	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C65MU002	CV2A	CONCRETE VIBRATOR, 2.175" HEAD, 21' SHAFT (ADD 2KW GENERATOR)							\$1,037	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	\$0.13	\$0.07	\$0.00	\$0.00	\$0.79	\$0.99	\$1.23
Standby	\$0.12	\$0.01							\$0.13	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C65MU003	CV3A	CONCRETE VIBRATOR, 2.625" HEAD, 21' SHAFT (ADD 2KW GENERATOR)							\$1,126	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	\$0.20	\$0.10	\$0.00	\$0.00	\$0.86	\$1.16	\$1.42
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C65MU004	G55H	CONCRETE VIBRATOR, 2.325" HEAD, 21' SHAFT, W/GAS MOTOR ON CART							\$1,778	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	\$1.50	\$0.22	\$0.00	\$0.00	\$1.36	\$3.08	\$3.49
Standby	\$0.20	\$0.01							\$0.21	

WACKER CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C65WC003	IRFU 57 W/ M2500	CONCRETE VIBRATOR, 2.3" HEAD, 16.5' SHAFT, HI-FREQ INTERNAL (ADD 2KV GENERATOR)							\$2,927	Elec 3 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.66	\$0.02	\$0.68	\$0.20	\$0.24	\$0.00	\$0.00	\$2.24	\$2.68	\$3.36
Standby	\$0.33	\$0.02							\$0.35	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

WACKER CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C65WC005	H45 HEAD W/ A5000	CONCRETE VIBRATOR, 1.75" HEAD, 13' SHAFT, W/GAS MOTOR							\$1,621	Gas	5.5	HP	1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.36	\$0.01	\$0.37		\$1.50	\$0.22	\$0.00	\$0.00	\$1.24	\$2.96	\$3.33		
Standby	\$0.18	\$0.01								\$0.19			

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
C75BD012	IC-35-2G	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.0 TON, 19' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°							\$119,712	D-Off	49	HP		79
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.24	\$0.65	\$7.89		\$8.31	\$1.12	\$0.09	\$0.01	\$8.13	\$17.66	\$25.55			
Standby	\$3.62	\$0.65								\$4.27				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## C75 CRANES, HYDRAULIC, SELF-PROPELLED

**C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED**

BRODERSON MANUFACTURING CORPORATION															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75BD013	IC-20-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 2.5 TON, 15' BOOM, 4X2, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 90°								\$98,756	D-Off	49	HP		64
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$5.97	\$0.54	\$6.51		\$8.31	\$1.12	\$0.09	\$0.01	\$6.70	\$16.24		\$22.75			
Standby	\$2.99	\$0.54								\$3.53					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75BD014	IC-80-1J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 9 TON, 24' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$166,585	D-Off	74	HP		162
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$10.01	\$0.91	\$10.92		\$12.55	\$1.69	\$0.41	\$0.07	\$11.24	\$25.96		\$36.88			
Standby	\$5.01	\$0.91								\$5.92					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75BD015	IC-250-3E	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 18.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$268,106	D-Off	100	HP		377
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$16.01	\$1.46	\$17.47		\$16.96	\$2.28	\$1.02	\$0.16	\$18.01	\$38.43		\$55.90			
Standby	\$8.01	\$1.46								\$9.47					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
C75BD017	IC-40-2D	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 4.5 TON, 19' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$127,727	D-Off 49 HP 90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.66	\$0.70	\$8.36	\$8.31	\$1.12	\$0.38	\$0.06	\$8.61	\$18.47	\$26.83	
Standby	\$3.83	\$0.70							\$4.53		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
C75BD018	IC-200-3J	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 50' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$222,458	D-Off 100 HP 311
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$13.24	\$1.21	\$14.45	\$16.96	\$2.28	\$1.02	\$0.16	\$14.90	\$35.32	\$49.77	
Standby	\$6.62	\$1.21							\$7.83		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
C75BD019	IC-400-3A	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 25 TON, 64' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$379,603	D-Off 160 HP 549
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$22.67	\$2.07	\$24.74	\$27.13	\$3.65	\$2.40	\$0.38	\$25.50	\$59.06	\$83.80	
Standby	\$11.34	\$2.07							\$13.41		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
C75BD020	RT-400	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15.0 TON, 60' BOOM, 4X4, 20' OFFSET, NON-ROTATING OPERATOR'S CAB, BOOM ROTATES 360°								\$355,554	D-Off 163 HP 519
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$20.65	\$1.94	\$22.59	\$27.64	\$3.72	\$5.96	\$0.95	\$23.33	\$61.59	\$84.18	
Standby	\$10.33	\$1.94							\$12.27		

GROVE CRANES (MANITOWOC)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
C75GV016	RT9130E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 130 TON, 160' BOOM, 4X4, W/HOOK BLOCK & BALL								\$1,509,206	D-Off 320 HP 1762
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$88.84	\$8.22	\$97.06	\$54.26	\$7.30	\$17.77	\$2.83	\$100.14	\$182.30	\$279.36	
Standby	\$44.42	\$8.22							\$52.64		

\* - 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
C75GV023	RT530E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 30 TON, 95' BOOM, 4X4							\$451,334	D-Off 164 HP 583
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.89	\$2.46	\$29.35	\$27.81	\$3.74	\$3.28	\$0.52	\$30.25	\$65.61	\$94.96
Standby	\$13.45	\$2.46							\$15.91	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C75GV029	GCD15	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15 TON, 41' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB							\$199,706	D-Off 74 HP 175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.99	\$1.09	\$13.08	\$12.55	\$1.69	\$0.53	\$0.08	\$13.47	\$28.33	\$41.41
Standby	\$6.00	\$1.09							\$7.09	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C75GV031	RT765E2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 60 TON, 110' BOOM, 4X4, W/HOOK BLOCK & BALL							\$701,842	D-Off 260 HP 894
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.85	\$3.82	\$43.67	\$44.09	\$5.94	\$17.62	\$2.80	\$45.17	\$115.61	\$159.28
Standby	\$19.93	\$3.82							\$23.75	

\* - 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
C75GV032	GRT880	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 135' BOOM, 4X4, W/HOOK BLOCK & BALL							\$824,706	D-Off	275 HP
											CWT
											1113
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$47.95	\$4.49	\$52.44	\$46.63	\$6.28	\$13.50	\$2.15	\$54.15	\$122.70	\$175.14	
Standby	\$23.98	\$4.49							\$28.47		

LINK-BELT CONSTRUCTION EQUIPMENT CO.											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
C75LB001	RTC 8050 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 50 TON, 110' BOOM, 4X4							\$570,159	D-Off	195 HP
											CWT
											747
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$33.59	\$3.10	\$36.69	\$33.06	\$4.45	\$6.54	\$1.04	\$37.86	\$82.94	\$119.63	
Standby	\$16.80	\$3.10							\$19.90		

\* - 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.															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75LB002	RTC 8090 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 90 TON, 140' BOOM, 4X4								\$881,585	D-Off	270	HP		807
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$49.68	\$4.80	\$54.48		\$45.78	\$6.16	\$24.52	\$3.90	\$56.38	\$136.74	\$191.22				
Standby	\$24.84	\$4.80								\$29.64					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75LB003	RTC 80110 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 100 TON, 140' BOOM, 6X6								\$1,132,827	D-Off	345	HP		1300
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$66.58	\$6.17	\$72.75		\$58.50	\$7.88	\$13.99	\$2.22	\$75.07	\$157.66	\$230.41				
Standby	\$33.29	\$6.17								\$39.46					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
C75LB004	RTC 80150 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 150 TON, 195' BOOM, 6X6								\$1,423,421	D-Off	345	HP		1432
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$84.23	\$7.75	\$91.98		\$58.50	\$7.88	\$13.99	\$2.22	\$94.86	\$177.45	\$269.43				
Standby	\$42.12	\$7.75								\$49.87					

\* - 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					
			7/1/2019		Main			Carrier		
C75LB005	TCC 750	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	\$914,656		D-Off	215	HP			1455
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.53	\$4.98	\$60.51	\$36.46	\$4.91	\$0.00	\$0.00	\$62.30	\$103.67	\$164.18
Standby	\$27.77	\$4.98							\$32.75	
SourceTag      Model      Equipment Description			Value TEV		Engine Horsepower and Fuel Type					
			7/1/2019		Main			Carrier		
C75LB006	75 RT	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 75 TON, 142' BOOM, 4X4	\$767,225		D-Off	270	HP			930
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.28	\$4.18	\$49.46	\$45.78	\$6.16	\$8.29	\$1.32	\$51.02	\$112.57	\$162.03
Standby	\$22.64	\$4.18							\$26.82	
SourceTag      Model      Equipment Description			Value TEV		Engine Horsepower and Fuel Type					
			7/1/2019		Main			Carrier		
C75LB007	TCC 1400	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	\$1,416,186		D-Off	320	HP			2333
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$85.98	\$7.71	\$93.69	\$54.26	\$7.30	\$0.00	\$0.00	\$96.46	\$158.02	\$251.71
Standby	\$42.99	\$7.71							\$50.70	

\* - 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							\$537,296	D-Off	173	HP	715
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$32.62	\$2.93	\$35.55		\$29.33	\$3.95	\$0.00	\$0.00	\$36.60	\$69.88	\$105.43		
Standby	\$16.31	\$2.93								\$19.24			
									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							\$750,988	D-Off	260	HP	1039
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$45.60	\$4.09	\$49.69		\$44.09	\$5.94	\$0.00	\$0.00	\$51.15	\$101.18	\$150.87		
Standby	\$22.80	\$4.09								\$26.89			
									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							\$388,521	D-Off	180	HP	537
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$23.07	\$2.12	\$25.19		\$30.52	\$4.11	\$3.28	\$0.52	\$25.97	\$64.40	\$89.59		
Standby	\$11.54	\$2.12								\$13.66			

\* - 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
									7/1/2019	Main      Carrier      CWT
C80XX001	BT3870	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 19 TON, 80' BOOM, 4X2							\$186,635	D-Off    240    HP      330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.04	\$1.02	\$12.06	\$35.04	\$5.68	\$0.76	\$0.12	\$9.32	\$50.93	\$62.99
Severe	\$12.88	\$1.03	\$13.91	\$46.35	\$7.52	\$2.11	\$0.34	\$11.78	\$68.10	\$82.01
Standby	\$5.52	\$1.02							\$6.54	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C80XX002	BT5092	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 25 TON, 92' BOOM, 6X2							\$255,427	D-On    350    HP      600
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.97	\$1.39	\$16.36	\$61.09	\$9.91	\$1.41	\$0.22	\$12.66	\$85.29	\$101.65
Severe	\$17.46	\$1.41	\$18.87	\$80.79	\$13.10	\$3.93	\$0.62	\$16.00	\$114.45	\$133.32
Standby	\$7.49	\$1.39							\$8.88	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.02 26 TON THRU 65 TON

GROVE CRANES (MANITOWOC)										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C80GV029	TMS750E	CRANES, HYDRAULIC, TRUCK MTD, 50 TON, 110' BOOM, 8X4X4							\$914,062	D-On    450    HP      926
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.76	\$4.93	\$52.69	\$78.54	\$9.16	\$2.37	\$0.38	\$47.00	\$137.44	\$190.13
Severe	\$58.78	\$5.01	\$63.79	\$103.87	\$12.11	\$6.55	\$1.04	\$61.97	\$185.55	\$249.34
Standby	\$23.88	\$4.93							\$28.81	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
C80GV030	TMS760E	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4X4							\$914,062	D-On    450    HP      926
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.76	\$4.93	\$52.69	\$78.54	\$9.16	\$2.37	\$0.38	\$47.00	\$137.44	\$190.13
Severe	\$58.78	\$5.01	\$63.79	\$103.87	\$12.11	\$6.55	\$1.04	\$61.97	\$185.55	\$249.34
Standby	\$23.88	\$4.93							\$28.81	

\* - 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							\$1,017,060	D-On	355	HP	782
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$52.47	\$5.49	\$57.96	\$61.96	\$7.22	\$7.24	\$1.15	\$51.73	\$129.31	\$187.27			
Severe	\$64.57	\$5.57	\$70.14	\$81.94	\$9.55	\$20.02	\$3.18	\$68.22	\$182.91	\$253.05			
Standby	\$26.24	\$5.49							\$31.73				

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							\$642,001	D-On	365 HP	655
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$33.61	\$3.46	\$37.07	\$63.70	\$7.43	\$1.44	\$0.23	\$33.07	\$105.86	\$142.93		
Severe	\$41.37	\$3.52	\$44.89	\$84.25	\$9.82	\$3.90	\$0.62	\$43.60	\$142.20	\$187.09		
Standby	\$16.81	\$3.46							\$20.27			

\* - 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							\$668,256	D-On 365 HP 655
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.00	\$3.61	\$38.61	\$63.70	\$7.43	\$1.44	\$0.23	\$34.43	\$107.23	\$145.84
Severe	\$43.08	\$3.66	\$46.74	\$84.25	\$9.82	\$3.90	\$0.62	\$45.41	\$144.01	\$190.75
Standby	\$17.50	\$3.61							\$21.11	

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							\$1,540,336	D-On 430 HP 1029
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.64	\$8.25	\$79.89	\$75.05	\$8.75	\$5.75	\$0.91	\$80.56	\$171.02	\$250.91
Severe	\$80.60	\$8.31	\$88.91	\$99.26	\$11.57	\$16.04	\$2.55	\$96.29	\$225.71	\$314.62
Standby	\$35.82	\$8.25							\$44.07	

\* - 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							\$1,042,035	D-On 402 HP 1049
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.49	\$5.58	\$54.07	\$70.16	\$8.18	\$2.37	\$0.38	\$54.52	\$135.61	\$189.68
Severe	\$54.56	\$5.62	\$60.18	\$92.79	\$10.82	\$6.55	\$1.04	\$65.17	\$176.37	\$236.55
Standby	\$24.25	\$5.58							\$29.83	

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							\$950,984	D-Off 450 HP 795
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.35	\$5.10	\$49.45	\$65.70	\$7.66	\$1.82	\$0.29	\$49.85	\$125.32	\$174.77
Severe	\$49.90	\$5.13	\$55.03	\$86.90	\$10.13	\$4.98	\$0.79	\$59.59	\$162.39	\$217.42
Standby	\$22.18	\$5.10							\$27.28	

\* - 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.										
									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							\$950,984	D-Off 450 HP 795
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.35	\$5.10	\$49.45	\$65.70	\$7.66	\$1.82	\$0.29	\$49.85	\$125.32	\$174.77
Severe	\$49.90	\$5.13	\$55.03	\$86.90	\$10.13	\$4.98	\$0.79	\$59.59	\$162.39	\$217.42
Standby	\$22.18	\$5.10							\$27.28	

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							\$944,250	D-Off 129 HP 1067
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.89	\$5.06	\$47.95	\$31.09	\$3.63	\$9.63	\$1.53	\$48.40	\$94.28	\$142.23
Severe	\$48.25	\$5.10	\$53.35	\$39.60	\$4.62	\$27.12	\$4.31	\$57.85	\$133.50	\$186.85
Standby	\$21.45	\$5.06							\$26.51	

\* - 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							\$1,105,082	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	\$50.95	\$5.92	\$56.87	\$37.80	\$4.41	\$6.97	\$1.11	\$57.36	\$107.65	\$164.52
Severe	\$57.31	\$5.96	\$63.27	\$48.48	\$5.65	\$19.52	\$3.10	\$68.57	\$145.32	\$208.59
Standby	\$25.48	\$5.92							\$31.40	

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							\$2,781,209	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	\$116.24	\$14.82	\$131.06	\$57.27	\$6.68	\$12.11	\$1.93	\$147.07	\$225.05	\$356.11
Severe	\$129.15	\$14.90	\$144.05	\$73.84	\$8.61	\$33.48	\$5.32	\$172.49	\$293.75	\$437.80
Standby	\$58.12	\$14.82							\$72.94	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.										
SourceTag			Model						Value TEV	Engine Horsepower and Fuel Type
Equipment Description									7/1/2019	Main Carrier CWT
C80LB001	HTC 3140 LB	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 140 TON, 195' BOOM, 10X6							\$1,505,734	D-Off 581 HP 1099
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.24	\$8.02	\$71.26	\$84.83	\$9.89	\$2.80	\$0.44	\$79.96	\$177.92	\$249.18
Severe	\$70.27	\$8.07	\$78.34	\$112.20	\$13.08	\$7.76	\$1.23	\$93.78	\$228.05	\$306.39
Standby	\$31.62	\$8.02							\$39.64	

TADANO MANTIS										
SourceTag			Model						Value TEV	Engine Horsepower and Fuel Type
Equipment Description									7/1/2019	Main Carrier CWT
C80TD004	ATF-130G-5	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 160 TON, 197' BOOM, 10X6							\$1,307,513	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	\$53.93	\$6.97	\$60.90	\$40.77	\$4.75	\$10.02	\$1.59	\$68.38	\$125.51	\$186.41
Severe	\$59.93	\$7.01	\$66.94	\$52.02	\$6.07	\$27.53	\$4.38	\$80.20	\$170.18	\$237.12
Standby	\$26.97	\$6.97							\$33.94	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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**

[illegible]

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

[illegible]

\* - 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)							\$1,746,666	D-Off	340	HP	4590
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$69.87	\$9.66	\$79.53	\$41.64	\$4.50	\$0.00	\$0.00	\$109.30	\$155.45	\$234.98			
Severe	\$87.33	\$9.77	\$97.10	\$54.45	\$5.89	\$0.00	\$0.00	\$149.64	\$209.98	\$307.08			
Standby	\$34.94	\$9.66							\$44.60				

									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)							\$1,873,331	D-Off	375	HP	5100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$74.93	\$10.36	\$85.29	\$45.92	\$4.96	\$0.00	\$0.00	\$117.23	\$168.12	\$253.41			
Severe	\$93.67	\$10.48	\$104.15	\$60.05	\$6.49	\$0.00	\$0.00	\$160.49	\$227.04	\$331.19			
Standby	\$37.47	\$10.36							\$47.83				

\* - 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.										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C85KC005			CK850G			CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 85 TON, 150' BOOM, LIFTING			\$673,637	D-Off 285 HP 1656
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.63	\$3.59	\$32.22	\$25.50	\$2.51	\$0.00	\$0.00	\$34.13	\$62.14	\$94.36
Severe	\$35.79	\$3.63	\$39.42	\$33.56	\$3.31	\$0.00	\$0.00	\$45.17	\$82.03	\$121.45
Standby	\$14.32	\$3.59							\$17.91	

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C85KC009			CK1100G			CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 110 TON, 200' BOOM, LIFTING			\$841,277	D-Off 285 HP 1985
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.75	\$4.48	\$40.23	\$25.50	\$2.51	\$0.00	\$0.00	\$42.62	\$70.63	\$110.86
Severe	\$44.69	\$4.54	\$49.23	\$33.56	\$3.31	\$0.00	\$0.00	\$56.41	\$93.27	\$142.50
Standby	\$17.88	\$4.48							\$22.36	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C85LB001	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 40' TUBULAR BOOM, LIFTING (3 TRUCK LOADS FOR MOB/DMOB)							\$855,748	D-Off	270	HP	1454
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$36.37	\$4.56	\$40.93	\$24.16	\$2.38	\$0.00	\$0.00	\$43.35	\$69.89	\$110.82			
Severe	\$45.46	\$4.62	\$50.08	\$31.79	\$3.13	\$0.00	\$0.00	\$57.38	\$92.30	\$142.38			
Standby	\$18.19	\$4.56							\$22.75				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
C85LB014	228 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 130 TON, 80' BOOM, LIFTING							\$1,121,020	D-Off	270	HP	2351
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$47.64	\$5.97	\$53.61	\$24.16	\$2.38	\$0.00	\$0.00	\$56.79	\$83.33	\$136.94			
Severe	\$59.55	\$6.05	\$65.60	\$31.79	\$3.13	\$0.00	\$0.00	\$75.16	\$110.09	\$175.69			
Standby	\$23.82	\$5.97							\$29.79				

\* - 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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
C85LB015	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 150 TON, 240' BOOM, LIFTING (7 TRUCK LOADS FOR MOB/DMOB)							\$1,401,757	D-Off 270 HP 2627
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$59.57	\$7.47	\$67.04	\$24.16	\$2.38	\$0.00	\$0.00	\$71.01	\$97.55	\$164.59
Severe	\$74.47	\$7.56	\$82.03	\$31.79	\$3.13	\$0.00	\$0.00	\$93.99	\$128.91	\$210.94
Standby	\$29.79	\$7.47							\$37.26	

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
C85KC010	CK1600G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 160 TON, 250' BOOM, LIFTING							\$1,372,274	D-Off 363 HP 3042
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.02	\$7.28	\$60.30	\$32.48	\$3.51	\$0.00	\$0.00	\$70.63	\$106.62	\$166.92
Severe	\$64.80	\$7.35	\$72.15	\$42.74	\$4.62	\$0.00	\$0.00	\$90.87	\$138.23	\$210.38
Standby	\$26.51	\$7.28							\$33.79	

\* - 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.										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C85KC011			CK2750G			CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 275 TON, 300' BOOM, LIFTING			\$1,849,935	D-Off 363 HP 4877
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.47	\$9.81	\$81.28	\$32.48	\$3.51	\$0.00	\$0.00	\$95.22	\$131.21	\$212.49
Severe	\$87.36	\$9.91	\$97.27	\$42.74	\$4.62	\$0.00	\$0.00	\$122.50	\$169.86	\$267.13
Standby	\$35.74	\$9.81							\$45.55	

LINK-BELT CONSTRUCTION EQUIPMENT CO.										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
C85LB002			348 HYLAB 5			CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 300 TON, 155' BOOM			\$2,468,788	D-Off 365 HP 5057
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.38	\$13.09	\$108.47	\$32.66	\$3.53	\$0.00	\$0.00	\$127.07	\$163.26	\$271.73
Severe	\$116.58	\$13.23	\$129.81	\$42.98	\$4.65	\$0.00	\$0.00	\$163.48	\$211.11	\$340.92
Standby	\$47.69	\$13.09							\$60.78	

\* - 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.										
SourceTag			Model						Value TEV	Engine Horsepower and Fuel Type
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)						\$1,871,668	D-Off 270 HP 3497
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.31	\$9.92	\$82.23	\$24.16	\$2.61	\$0.00	\$0.00	\$96.34	\$123.11	\$205.34
Severe	\$88.38	\$10.03	\$98.41	\$31.79	\$3.44	\$0.00	\$0.00	\$123.94	\$159.17	\$257.58
Standby	\$36.16	\$9.92							\$46.08	

MANITOWOC ENGINEERING CO.										
SourceTag			Model						Value TEV	Engine Horsepower and Fuel Type
Equipment Description									7/1/2019	Main Carrier CWT
C85MA007			999 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 250 TON, 260' BOOM, LIFTING						\$1,959,623	D-Off 400 HP 4942
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.71	\$10.39	\$86.10	\$35.80	\$3.87	\$0.00	\$0.00	\$100.86	\$140.54	\$226.64
Severe	\$92.54	\$10.50	\$103.04	\$47.10	\$5.09	\$0.00	\$0.00	\$129.77	\$181.96	\$285.00
Standby	\$37.86	\$10.39							\$48.25	

\* - 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)							\$1,089,621	D-Off	310	HP	3892
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$42.10	\$5.78	\$47.88	\$27.74	\$3.00	\$0.00	\$0.00	\$56.08	\$86.82	\$134.70			
Severe	\$51.45	\$5.84	\$57.29	\$36.50	\$3.95	\$0.00	\$0.00	\$72.16	\$112.60	\$169.89			
Standby	\$21.05	\$5.78							\$26.83				

									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)							\$1,746,666	D-Off	340	HP	4590
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$67.48	\$9.26	\$76.74	\$30.43	\$3.29	\$0.00	\$0.00	\$89.90	\$123.62	\$200.36			
Severe	\$82.48	\$9.36	\$91.84	\$40.04	\$4.33	\$0.00	\$0.00	\$115.67	\$160.03	\$251.87			
Standby	\$33.74	\$9.26							\$43.00				

\* - 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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main Carrier CWT
Equipment Description										
C90MX001 6430 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 30 TON, 50' BOOM, DRAGLINE/CLAMSHELL CAPABLE, 6X4									\$838,740	D-Off 260 HP D- 260 HP On 610
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.86	\$4.66	\$41.52	\$36.71	\$4.28	\$1.40	\$0.22	\$44.03	\$86.65	\$128.17
Severe	\$41.47	\$4.69	\$46.16	\$46.74	\$5.45	\$3.91	\$0.62	\$52.63	\$109.35	\$155.51
Standby	\$18.43	\$4.66							\$23.09	

C90 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main Carrier CWT
Equipment Description										
C90LB001 HC-238H II CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 150 TON, 260' BOOM, 8X4									\$1,832,774	D-Off 200 HP D- 445 HP On 1913
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.37	\$10.14	\$82.51	\$35.14	\$4.10	\$5.79	\$0.92	\$97.30	\$143.25	\$225.76
Severe	\$80.41	\$10.19	\$90.60	\$44.23	\$5.16	\$16.01	\$2.55	\$114.12	\$182.06	\$272.66
Standby	\$36.19	\$10.14							\$46.33	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.										
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description			7/1/2019	Main		Carrier		CWT
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)			\$796,007	Elec	60	HP		1968
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.38	\$4.43	\$39.81	\$3.98	\$7.24	\$0.00	\$0.00	\$44.81	\$56.02	\$95.83
Standby	\$17.69	\$4.43							\$22.12	
				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description			7/1/2019	Main		Carrier		CWT
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)			\$992,457	Elec	147	HP		2234
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.11	\$5.52	\$49.63	\$9.75	\$10.48	\$0.00	\$0.00	\$55.86	\$76.09	\$125.72
Standby	\$22.06	\$5.52							\$27.58	

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$1,633,120	Elec 147 HP 4117
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.58	\$9.08	\$81.66	\$9.75	\$10.48	\$0.00	\$0.00	\$91.92	\$112.15	\$193.81
Standby	\$36.29	\$9.08							\$45.37	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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)			\$1,854,650	Elec 147 HP 4456
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$82.43	\$10.31	\$92.74	\$9.75	\$10.48	\$0.00	\$0.00	\$104.39	\$124.62	\$217.36
Standby	\$41.22	\$10.31							\$51.53	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C95 CRANES, TOWER

C95 0.00 CRANES, TOWER

LIEBHERR CONSTRUCTION EQUIPMENT CO.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$2,001,091		Elec 147 HP		3350	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$88.94	\$11.12	\$100.06	\$9.75	\$12.48	\$0.00	\$0.00	\$112.64	\$134.86	\$234.92
Standby	\$44.47	\$11.12							\$55.59	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$2,294,497		Elec 215 HP		3984	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$101.98	\$12.76	\$114.74	\$14.25	\$16.01	\$0.00	\$0.00	\$129.15	\$159.41	\$274.15
Standby	\$50.99	\$12.76							\$63.75	

\* - 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
									7/1/2019	Main
										Carrier
										CWT
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)							\$96,369	56
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.56	\$0.57	\$6.13	\$0.00	\$0.00	\$0.00	\$0.00	\$8.62	\$8.62	\$14.75
Standby	\$2.78	\$0.57							\$3.35	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
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)							\$153,641	106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.86	\$0.90	\$9.76	\$0.00	\$0.00	\$0.00	\$0.00	\$13.74	\$13.74	\$23.50
Standby	\$4.43	\$0.90							\$5.33	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
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)							\$97,918	55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.65	\$0.57	\$6.22	\$0.00	\$0.00	\$0.00	\$0.00	\$8.76	\$8.76	\$14.98
Standby	\$2.83	\$0.57							\$3.40	

\* - 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
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)								\$152,059	
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating
		Average	\$8.77	\$0.89	\$9.66	\$0.00	\$0.00	\$0.00	\$0.00	\$13.60	\$13.60
		Standby	\$4.39	\$0.89							\$5.28
		Total Hourly Rate									

SCHRAMM, INC											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
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)								\$1,148,769	D-Off 580 HP
		Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating
		Average	\$66.28	\$6.74	\$73.02	\$103.81	\$13.09	\$0.00	\$0.00	\$102.75	\$219.65
		Standby	\$33.14	\$6.74							\$39.88
		Total Hourly Rate									

\* - 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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$1,657,467	D-Off 905 HP 963
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.62	\$9.72	\$105.34	\$161.98	\$20.43	\$0.00	\$0.00	\$148.24	\$330.65	\$435.99
Standby	\$47.81	\$9.72							\$57.53	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$1,668,439	D-Off 760 HP 746
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$95.58	\$9.79	\$105.37	\$136.02	\$17.16	\$1.79	\$0.28	\$148.44	\$303.69	\$409.06
Standby	\$47.79	\$9.79							\$57.58	

\* - 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					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
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)				\$42,457	Gas	12	HP	10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.18	\$0.25	\$3.43	\$3.99	\$0.58	\$0.00	\$0.00	\$4.44	\$9.01	\$12.44
Standby	\$1.59	\$0.25							\$1.84	
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
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)				\$100,811	D-Off	30	HP	37
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.56	\$0.60	\$8.16	\$5.37	\$0.68	\$0.00	\$0.00	\$10.55	\$16.60	\$24.76
Standby	\$3.78	\$0.60							\$4.38	

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$135,765	D-Off 45 HP 61
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.18	\$0.81	\$10.99	\$8.05	\$1.02	\$0.00	\$0.00	\$14.21	\$23.27	\$34.26
Standby	\$5.09	\$0.81							\$5.90	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
D15BI005			36 WORKHORS E			DRILL, HORIZONTAL BORING, 12"-36" DIA, COMBINED HEAD 300,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)			\$174,351	D-Off 62 HP 106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.08	\$1.04	\$14.12	\$11.10	\$1.40	\$0.00	\$0.00	\$18.24	\$30.74	\$44.86
Standby	\$6.54	\$1.04							\$7.58	

\* - 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.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$269,530		D-Off 116 HP		200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.21	\$1.61	\$21.82	\$20.76	\$2.62	\$0.00	\$0.00	\$28.20	\$51.58	\$73.40
Standby	\$10.11	\$1.61							\$11.72	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$333,762		D-Off 174 HP		265	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.03	\$2.00	\$27.03	\$31.14	\$3.93	\$0.00	\$0.00	\$34.93	\$69.99	\$97.02
Standby	\$12.52	\$2.00							\$14.52	

\* - 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.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$302,731		D-Off 174 HP		296	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.70	\$1.81	\$24.51	\$31.14	\$3.93	\$0.00	\$0.00	\$31.68	\$66.75	\$91.26
Standby	\$11.35	\$1.81							\$13.16	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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)			\$236,796		D-Off 97 HP		177	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.76	\$1.42	\$19.18	\$17.36	\$2.19	\$0.00	\$0.00	\$24.78	\$44.33	\$63.51
Standby	\$8.88	\$1.42							\$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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
D15XX003	RST-1400	DRILL, HORIZONTAL DIRECTIONAL, 1,400 GAL, TRAILER MOUNTED DRILLING FLUID MIXING SYSTEM, INCLUDES 3PH GEN SET							\$107,505	D-Off	30	HP	117
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.77	\$0.64	\$8.41		\$5.37	\$0.68	\$0.51	\$0.08	\$10.94	\$17.58	\$25.99		
Standby	\$3.89	\$0.64								\$4.53			

VERMEER MANUFACTURING CO.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
D15VE001	D8X12	DRILL, HORIZONTAL DIRECTIONAL, 1.66" DIA, 7,850 LB THRUST, W/300' OF RODS (ADD COST FOR DRILL BIT WEAR)							\$109,268	D-Off	48	HP	60
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.20	\$0.65	\$8.85		\$8.59	\$1.08	\$0.00	\$0.00	\$11.43	\$21.11	\$29.96		
Standby	\$4.10	\$0.65								\$4.75			

\* - 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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$135,760	D-Off 60 HP 72
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.18	\$0.81	\$10.99	\$10.74	\$1.35	\$0.00	\$0.00	\$14.21	\$26.30	\$37.29
Standby	\$5.09	\$0.81							\$5.90	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$190,017	D-Off 74 HP 109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.25	\$1.14	\$15.39	\$13.24	\$1.67	\$0.00	\$0.00	\$19.88	\$34.79	\$50.18
Standby	\$7.13	\$1.14							\$8.27	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$324,264	D-Off 125 HP 207
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.32	\$1.94	\$26.26	\$22.37	\$2.82	\$0.00	\$0.00	\$33.93	\$59.12	\$85.38
Standby	\$12.16	\$1.94							\$14.10	

\* - 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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$473,040	D-Off 140 HP 289
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.48	\$2.83	\$38.31	\$25.06	\$3.16	\$0.00	\$0.00	\$49.50	\$77.72	\$116.03
Standby	\$17.74	\$2.83							\$20.57	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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)							\$982,544	D-Off 225 HP 435
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$73.69	\$5.87	\$79.56	\$40.27	\$5.08	\$0.00	\$0.00	\$102.82	\$148.17	\$227.73
Standby	\$36.85	\$5.87							\$42.72	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
D15VE009	MX125	DRILL, HORIZONTAL DIRECTIONAL, 500 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)							\$10,238	Gas 5.5 HP 3.4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.77	\$0.06	\$0.83	\$1.83	\$0.26	\$0.00	\$0.00	\$1.07	\$3.17	\$4.00
Standby	\$0.39	\$0.06							\$0.45	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

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

VERMEER MANUFACTURING CO.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
D15VE010	MX300	DRILL, HORIZONTAL DIRECTIONAL, 750 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)							\$19,113	Gas	23	HP		7
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.43	\$0.11	\$1.54		\$7.65	\$1.10	\$0.00	\$0.00	\$2.00	\$10.75	\$12.29			
Standby	\$0.72	\$0.11								\$0.83				

**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**

[illegible]

\* - 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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
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)							\$3,832	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	\$0.58	\$0.29	\$0.00	\$0.00	\$0.47	\$1.35	\$1.73
Standby	\$0.18	\$0.02							\$0.20	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
D20DN002	M-2 DRILL RIG COMBO	DRILL, CORE, COLUMN MOUNTED, 1" TO 10" BIT DIA, (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)							\$4,181	Elec 7.1 HP
										2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.39	\$0.03	\$0.42	\$0.58	\$0.29	\$0.00	\$0.00	\$0.52	\$1.39	\$1.81
Standby	\$0.20	\$0.03							\$0.23	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
D20DN004	M-5 PRO COMB CORE	DRILL, CORE, COLUMN MOUNTED, 1" TO 16" BIT DIA, (23 AMP) (INCLUDES VACUUM, ADD COST FOR BIT WEAR)							\$5,430	Elec 7.1 HP
										7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.51	\$0.03	\$0.54	\$0.58	\$0.29	\$0.00	\$0.00	\$0.67	\$1.54	\$2.08
Standby	\$0.26	\$0.03							\$0.29	

\* - 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.										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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)			\$4,046	Elec 3.3 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	\$0.27	\$0.14	\$0.00	\$0.00	\$0.50	\$0.91	\$1.31
Standby	\$0.19	\$0.02							\$0.21	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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)			\$4,661	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	\$0.27	\$0.14	\$0.00	\$0.00	\$0.58	\$0.98	\$1.45
Standby	\$0.22	\$0.03							\$0.25	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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)			\$11,254	Elec 8 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.06	\$0.07	\$1.13	\$0.65	\$0.33	\$0.00	\$0.00	\$1.39	\$2.37	\$3.50
Standby	\$0.53	\$0.07							\$0.60	

\* - 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.										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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)			\$20,944	Gas 14 HP 4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.96	\$0.13	\$2.09	\$4.66	\$0.34	\$0.00	\$0.00	\$2.59	\$7.58	\$9.67
Standby	\$0.98	\$0.13							\$1.11	

NO SPECIFIC MANUFACTURER										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$9,819	Elec 5 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.92	\$0.06	\$0.98	\$0.41	\$0.21	\$0.00	\$0.00	\$1.21	\$1.83	\$2.81
Standby	\$0.46	\$0.06							\$0.52	

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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							\$15,902	Elec	7	HP	1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.49	\$0.10	\$1.59		\$0.57	\$0.29	\$0.00	\$0.00	\$1.96	\$2.82	\$4.41		
Standby	\$0.75	\$0.10								\$0.85			

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
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)							\$186,061	D-Off	69	HP	45
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.95	\$1.11	\$15.06	\$12.35	\$1.34	\$0.00	\$0.00	\$21.63	\$35.32	\$50.38			
Standby	\$6.98	\$1.11							\$8.09				

\* - 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)							\$117,146	D-Off	28	HP	23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.79	\$0.70	\$9.49	\$5.01	\$0.54	\$0.00	\$0.00	\$13.62	\$19.17	\$28.66			
Standby	\$4.40	\$0.70							\$5.10				

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)							\$8,561	3		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.64	\$0.05	\$0.69	\$0.00	\$0.50	\$0.00	\$0.00	\$1.00	\$1.50	\$2.19		
Standby	\$0.32	\$0.05							\$0.37			

\* - 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
									7/1/2019	Main
										Carrier
										CWT
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)							\$9,597	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.72	\$0.06	\$0.78	\$0.00	\$0.50	\$0.00	\$0.00	\$1.12	\$1.62	\$2.40
Standby	\$0.36	\$0.06							\$0.42	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
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)							\$36,031	20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.70	\$0.22	\$2.92	\$0.00	\$1.25	\$0.00	\$0.00	\$4.19	\$5.44	\$8.36
Standby	\$1.35	\$0.22							\$1.57	

\* - 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									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
D30DM025 RHV40 DRILLING AUGER, HARD GROUND, CRAWLER MTD, 295,000 LB-FT TORQUE, 100' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER									\$2,475,245	D-Off 543 HP	2880
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$185.64	\$14.80	\$200.44	\$97.19	\$12.26	\$0.00	\$0.00	\$287.80	\$397.25	\$597.69	
Standby	\$92.82	\$14.80							\$107.62		

SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
D30DM026 RH24/270 DRILLING AUGER, HARD GROUND, CRAWLER MTD, 200,000 LB-FT TORQUE, 80' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER									\$1,873,414	D-Off 370 HP	1330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$140.51	\$11.20	\$151.71	\$66.22	\$8.35	\$0.00	\$0.00	\$217.82	\$292.40	\$444.11	
Standby	\$70.26	\$11.20							\$81.46		

\* - 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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$299,813	D-Off	210	HP	146
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$22.49	\$1.79	\$24.28		\$37.59	\$6.74	\$0.00	\$0.00	\$34.86	\$79.19	\$103.47		
Standby	\$11.25	\$1.79								\$13.04			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$346,391	D-Off	270	HP	200
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$25.98	\$2.07	\$28.05		\$48.32	\$9.10	\$0.00	\$0.00	\$40.28	\$97.69	\$125.74		
Standby	\$12.99	\$2.07								\$15.06			

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$398,815	D-Off 335 HP 269
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$29.91	\$2.38	\$32.29		\$59.96	\$11.56	\$0.00	\$0.00	\$46.37	\$117.89 \$150.18
Standby	\$14.96	\$2.38								\$17.34

MOBILE DRILL										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
D30MR001			MINUTEMAN			DRILL, EARTH / AUGER, W/AUGER KIT, 3" DIA, 35' DEPTH, PORTABLE (ADD COST FOR DRILL STEEL AND CUTTING EDGE WEAR)			\$17,288	Gas 8 HP 4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.30	\$0.10	\$1.40		\$2.66	\$0.38	\$0.00	\$0.00	\$2.01	\$5.05 \$6.45
Standby	\$0.65	\$0.10								\$0.75

\* - 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															
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT	
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)							\$159,353	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	\$11.75	\$0.95	\$12.70	\$19.94	\$2.69	\$0.53	\$0.08	\$18.30	\$41.53	\$54.23					
Standby	\$5.88	\$0.95							\$6.83						

									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT	
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)							\$343,228	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	\$25.54	\$2.05	\$27.59	\$27.46	\$3.64	\$0.53	\$0.08	\$39.67	\$71.38	\$98.97					
Standby	\$12.77	\$2.05							\$14.82						

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
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)							\$412,028	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	\$30.55	\$2.46	\$33.01		\$26.70	\$3.37	\$0.92	\$0.15	\$47.50	\$78.63	\$111.64			
Standby	\$15.28	\$2.46								\$17.74				

**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**

[illegible]

\* - 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		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
D35DT001	D25KS	DRILL, ROTARY BLASTHOLE, 5"-6.75" DIA., 27,000 LB PULLDOWN, CRAWLER, 88' DEEP(ADD COST FOR DRILL STEEL AND BIT WEAR)								\$991,837		D-Off	450 HP	620
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$61.04	\$5.62	\$66.66	\$80.54	\$13.74	\$0.00	\$0.00	\$88.71	\$182.99	\$249.65				
Standby	\$30.52	\$5.62							\$36.14					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
D35DT002	D245KS	DRILL, ROTARY BLASTHOLE, 5"-8" DIA., 40,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$987,572		D-Off	450 HP	720
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$60.77	\$5.60	\$66.37	\$80.54	\$13.74	\$0.00	\$0.00	\$88.33	\$182.61	\$248.98				
Standby	\$30.39	\$5.60							\$35.99					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
D35DT003	D45KS	DRILL, ROTARY BLASTHOLE, 6"-9" DIA., 45,000 LB PULLDOWN, CRAWLER, 208' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)								\$1,764,849		D-Off	450 HP	1050
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$108.61	\$10.01	\$118.62	\$80.54	\$13.74	\$0.00	\$0.00	\$157.85	\$252.13	\$370.75				
Standby	\$54.31	\$10.01							\$64.32					

\* - 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]									
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				
			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)	\$1,764,849		D-Off	525 HP			1050
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$108.61	\$10.01	\$118.62	\$93.96	\$16.04	\$0.00	\$0.00	\$157.85	\$267.84 \$386.46
Standby	\$54.31	\$10.01							\$64.32
SourceTag	Model	Equipment Description	Value TEV		Engine Horsepower and Fuel Type				
			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)	\$1,767,292		D-Off	760 HP			1320
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$108.76	\$10.02	\$118.78	\$136.02	\$23.21	\$0.00	\$0.00	\$158.07	\$317.30 \$436.08
Standby	\$54.38	\$10.02							\$64.40

\* - 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														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
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)							\$858,044	D-On	425	HP		447
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$45.27	\$4.82	\$50.09	\$90.92	\$13.11	\$1.96	\$0.31	\$65.94	\$172.24	\$222.33				
Standby	\$22.64	\$4.82							\$27.46					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
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)							\$875,001	D-On	600	HP		549
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$46.17	\$4.91	\$51.08	\$128.36	\$18.50	\$1.96	\$0.31	\$67.25	\$216.39	\$267.47				
Standby	\$23.09	\$4.91							\$28.00					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
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)							\$944,956	D-On	600	HP		549
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$49.91	\$5.31	\$55.22	\$128.36	\$18.50	\$1.96	\$0.31	\$72.68	\$221.81	\$277.03				
Standby	\$24.96	\$5.31							\$30.27					

\* - 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
									7/1/2019	Main      Carrier      CWT
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)							\$897,007	D-On   380    HP      660
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$47.35	\$5.04	\$52.39	\$81.30	\$11.72	\$1.96	\$0.31	\$68.96	\$164.25	\$216.64
Standby	\$23.68	\$5.04							\$28.72	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
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)							\$971,621	D-On   380    HP      668
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.33	\$5.46	\$56.79	\$81.30	\$11.72	\$1.96	\$0.31	\$74.74	\$170.04	\$226.83
Standby	\$25.67	\$5.46							\$31.13	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
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)							\$975,351	D-On   755    HP      605
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.53	\$5.48	\$57.01	\$161.52	\$23.28	\$1.96	\$0.31	\$75.03	\$262.11	\$319.12
Standby	\$25.77	\$5.48							\$31.25	

\* - 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]										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
D35DT006	D75KS	DRILL, ROTARY BLASTHOLE, 9"-11" DIA., 75,000 LB PULLDOWN, CRAWLER, 173' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)							\$1,569,710	D-Off 760 HP 1400
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.72	\$8.82	\$92.54	\$136.02	\$19.61	\$0.00	\$0.00	\$121.67	\$277.30	\$369.84
Standby	\$41.86	\$8.82							\$50.68	

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
F10CS035	588H	FORK LIFT, ROUGH TERRAIN, 4,000 LB CAPCITY, 22' HIGH STRAIGHT MAST, 4X4							\$139,019	D-Off 68 HP 170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.71	\$0.80	\$11.51	\$9.93	\$1.07	\$1.03	\$0.16	\$12.33	\$24.53	\$36.04
Standby	\$5.36	\$0.80							\$6.16	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
F10CS037	586H	FORK LIFT, ROUGH TERRAIN, 3,000 LB CAPACITY, 22' HIGH STRAIGHT MAST, 4X4							\$117,755	D-Off	68	HP		146	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.01	\$0.68	\$9.69		\$9.93	\$1.07	\$1.03	\$0.16	\$10.39	\$22.58	\$32.27				
Standby	\$4.51	\$0.68								\$5.19					
JCB INC.															
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
F10JC001	930	FORK LIFT, ROUGH TERRAIN, 6,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4							\$92,498	D-Off	74	HP		148	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.03	\$0.54	\$7.57		\$10.80	\$1.17	\$1.28	\$0.20	\$8.12	\$21.56	\$29.13				
Standby	\$3.52	\$0.54								\$4.06					
									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
F10JC002	940	FORK LIFT, ROUGH TERRAIN, 8,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4							\$102,094	D-Off	74	HP		168	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.80	\$0.59	\$8.39		\$10.80	\$1.17	\$1.28	\$0.20	\$8.99	\$22.44	\$30.83				
Standby	\$3.90	\$0.59								\$4.49					

\* - Adjustable Elements



Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX018	120 KW TRLR MTD	GENERATOR SET, TRAILER MTD, 120 KW, 1P - 120/240V, 3P 120/208V, 3P 120/240V, 3P 277/480V							\$88,023	D-Off	165	HP	82
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.84	\$0.49	\$10.33		\$24.09	\$2.60	\$0.11	\$0.02	\$8.06	\$34.89	\$45.22		
Severe	\$11.25	\$0.50	\$11.75		\$31.86	\$3.44	\$0.33	\$0.05	\$10.75	\$46.44	\$58.19		
Standby	\$4.92	\$0.49								\$5.41			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX042	2KW PORTABLE	GENERATOR SET, PORTABLE, 2KW, 1P, 120V							\$876	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	\$0.74	\$0.08	\$0.00	\$0.00	\$0.08	\$0.90	\$1.00			
Severe	\$0.11	\$0.00	\$0.11	\$0.96	\$0.10	\$0.00	\$0.00	\$0.11	\$1.17	\$1.28			
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX043	3KW PORTABLE	GENERATOR SET, PORTABLE, 3KW, 1P, 120V							\$974	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		\$1.09	\$0.12	\$0.00	\$0.00	\$0.09	\$1.30	\$1.42		
Severe	\$0.13	\$0.01	\$0.14		\$1.42	\$0.15	\$0.00	\$0.00	\$0.12	\$1.69	\$1.83		
Standby	\$0.06	\$0.01								\$0.07			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX044	6.5KW PORTABLE	GENERATOR SET, PORTABLE, 6.5KW, 120/240V							\$993	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	\$2.37	\$0.26	\$0.00	\$0.00	\$0.09	\$2.72	\$2.84			
Severe	\$0.13	\$0.01	\$0.14	\$3.09	\$0.33	\$0.00	\$0.00	\$0.12	\$3.55	\$3.69			
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX045	8KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 8 KW, 1P, 240V							\$11,363	D-Off	10.7	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.25	\$0.06	\$1.31	\$1.56	\$0.17	\$0.05	\$0.01	\$1.03	\$2.81	\$4.12			
Severe	\$1.43	\$0.06	\$1.49	\$2.07	\$0.22	\$0.14	\$0.02	\$1.37	\$3.82	\$5.31			
Standby	\$0.63	\$0.06							\$0.69				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX046	13KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 13 KW, 1P, 240V							\$15,963	D-Off	22.3	HP	18
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.77	\$0.09	\$1.86		\$3.26	\$0.35	\$0.05	\$0.01	\$1.45	\$5.12	\$6.98		
Severe	\$2.02	\$0.09	\$2.11		\$4.31	\$0.47	\$0.15	\$0.02	\$1.93	\$6.88	\$8.99		
Standby	\$0.89	\$0.09								\$0.98			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX047	30KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 30 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V							\$36,468	D-Off	44	HP	32
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.07	\$0.20	\$4.27		\$6.42	\$0.69	\$0.06	\$0.01	\$3.34	\$10.51	\$14.78		
Severe	\$4.65	\$0.21	\$4.86		\$8.50	\$0.92	\$0.17	\$0.03	\$4.45	\$14.06	\$18.92		
Standby	\$2.04	\$0.20								\$2.24			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX048	35KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 35 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V							\$37,657	D-Off	57	HP	34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.21	\$0.21	\$4.42		\$8.32	\$0.90	\$0.06	\$0.01	\$3.45	\$12.73	\$17.15		
Severe	\$4.81	\$0.21	\$5.02		\$11.01	\$1.19	\$0.17	\$0.03	\$4.60	\$16.99	\$22.01		
Standby	\$2.11	\$0.21								\$2.32			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10XX049	50KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 50 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V			\$39,606		D-Off 67 HP		34	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.42	\$0.22	\$4.64	\$9.78	\$1.06	\$0.06	\$0.01	\$3.63	\$14.53	\$19.17
Severe	\$5.06	\$0.22	\$5.28	\$12.94	\$1.40	\$0.17	\$0.03	\$4.83	\$19.37	\$24.65
Standby	\$2.21	\$0.22							\$2.43	

WACKER CORPORATION										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10WC001	GP 3800A	GENERATOR SET, PORTABLE, 3.7 KW, 120/240V, 60 HZ			\$2,541		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	\$2.18	\$0.24	\$0.00	\$0.00	\$0.23	\$2.65	\$2.95
Severe	\$0.33	\$0.01	\$0.34	\$2.85	\$0.31	\$0.00	\$0.00	\$0.31	\$3.47	\$3.81
Standby	\$0.15	\$0.01							\$0.16	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## G10 GENERATOR SETS

**G10 0.10 PORTABLE**

WACKER CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10WC002	GP 5600A	GENERATOR SET, PORTABLE, 5.6 KW, 120/240V, 60 HZ							\$2,920	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	\$3.00	\$0.32	\$0.00	\$0.00	\$0.27	\$3.59	\$3.94			
Severe	\$0.38	\$0.02	\$0.40	\$3.91	\$0.42	\$0.00	\$0.00	\$0.36	\$4.69	\$5.09			
Standby	\$0.17	\$0.02							\$0.19				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10WC004	GPS 9700V	GENERATOR SET, PORTABLE, 9.7 KW, 120/240V, 60 HZ, WITH ELECTRIC START							\$3,864	Gas	18	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.43	\$0.02	\$0.45	\$4.91	\$0.53	\$0.00	\$0.00	\$0.36	\$5.80	\$6.25			
Severe	\$0.50	\$0.02	\$0.52	\$6.40	\$0.69	\$0.00	\$0.00	\$0.47	\$7.57	\$8.09			
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)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10CA012	C9 250KW	GENERATOR SET, SKID MTD, 250 EKW, 313 KVA, 208 VOLT, 60 HZ PGS PRIME			\$79,204		D-Off 480 HP		100	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.13	\$0.43	\$7.56	\$70.08	\$7.58	\$0.00	\$0.00	\$6.81	\$84.47	\$92.03
Severe	\$8.91	\$0.44	\$9.35	\$92.69	\$10.02	\$0.00	\$0.00	\$9.73	\$112.44	\$121.79
Standby	\$3.57	\$0.43							\$4.00	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10CA013	C9 300KW	GENERATOR SET, SKID MTD, 300 EKW, 375 KVA, 240/480 VOLT, 60 HZ PGS PRIME			\$78,366		D-Off 480 HP		75	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.05	\$0.42	\$7.47	\$70.08	\$7.58	\$0.00	\$0.00	\$6.74	\$84.40	\$91.87
Severe	\$8.82	\$0.44	\$9.26	\$92.69	\$10.02	\$0.00	\$0.00	\$9.63	\$112.34	\$121.60
Standby	\$3.53	\$0.42							\$3.95	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. ( MACHINE DIVISION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10CA014	C15 500KW	GENERATOR SET, SKID MTD, 500 EKW, 480V, 60 HZ			\$111,416		D-Off 670 HP		120	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.03	\$0.60	\$10.63	\$97.83	\$10.58	\$0.00	\$0.00	\$9.58	\$117.99	\$128.62
Severe	\$12.53	\$0.62	\$13.15	\$129.38	\$13.99	\$0.00	\$0.00	\$13.69	\$157.06	\$170.21
Standby	\$5.02	\$0.60							\$5.62	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
G10CA021	C18	GENERATOR SET, SKID MTD, 600 EKW, 750 KVA, 208-600V, 60 HZ PGS PRIME			\$134,654		D-Off 950 HP		167	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.12	\$0.73	\$12.85	\$138.71	\$15.00	\$0.00	\$0.00	\$11.58	\$165.29	\$178.14
Severe	\$15.15	\$0.75	\$15.90	\$183.45	\$19.83	\$0.00	\$0.00	\$16.54	\$219.83	\$235.73
Standby	\$6.06	\$0.73							\$6.79	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## G10 GENERATOR SETS

**G10 0.20 SKID MOUNTED**

**NO SPECIFIC MANUFACTURER**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## G10 GENERATOR SETS

**G10 0.20 SKID MOUNTED**

**NO SPECIFIC MANUFACTURER**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$23,411	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	\$10.80	\$1.17	\$0.00	\$0.00	\$2.01	\$13.98	\$16.22			
Severe	\$2.63	\$0.13	\$2.76	\$14.29	\$1.55	\$0.00	\$0.00	\$2.88	\$18.71	\$21.47			
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							\$49,689	D-Off	580	HP	85
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$4.47	\$0.27	\$4.74	\$84.69	\$9.16	\$0.00	\$0.00	\$4.27	\$98.12	\$102.86			
Severe	\$5.59	\$0.28	\$5.87	\$112.00	\$12.11	\$0.00	\$0.00	\$6.10	\$130.21	\$136.08			
Standby	\$2.24	\$0.27							\$2.51				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$55,579	D-Off	241	HP	55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.00	\$0.30	\$5.30	\$35.19	\$3.80	\$0.00	\$0.00	\$4.78	\$43.77	\$49.07			
Severe	\$6.25	\$0.31	\$6.56	\$46.54	\$5.03	\$0.00	\$0.00	\$6.83	\$58.40	\$64.96			
Standby	\$2.50	\$0.30							\$2.80				

									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							\$41,655	D-Off	166	HP	58
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.75	\$0.23	\$3.98	\$24.24	\$2.62	\$0.00	\$0.00	\$3.58	\$30.44	\$34.42			
Severe	\$4.69	\$0.23	\$4.92	\$32.06	\$3.47	\$0.00	\$0.00	\$5.12	\$40.64	\$45.56			
Standby	\$1.88	\$0.23							\$2.11				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$37,945	D-Off	133	HP	50	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.42	\$0.21	\$3.63	\$19.42	\$2.10	\$0.00	\$0.00	\$3.26	\$24.78	\$28.41				
Severe	\$4.27	\$0.21	\$4.48	\$25.68	\$2.78	\$0.00	\$0.00	\$4.66	\$33.12	\$37.60				
Standby	\$1.71	\$0.21							\$1.92					

									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							\$24,762	D-Off	74	HP	22	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.23	\$0.13	\$2.36	\$10.80	\$1.17	\$0.00	\$0.00	\$2.13	\$14.10	\$16.46				
Severe	\$2.79	\$0.14	\$2.93	\$14.29	\$1.55	\$0.00	\$0.00	\$3.04	\$18.88	\$21.81				
Standby	\$1.12	\$0.13							\$1.25					

\* - 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
G10XX058	720KW	GENERATOR SET, SKID MOUNTED, 720KW, 900 KVA, 3P, 120/208, 277/480, 60HZ							\$188,334	D-Off	1195	HP	212
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$16.95	\$1.02	\$17.97		\$174.48	\$18.86	\$0.00	\$0.00	\$16.19	\$209.54	\$227.51		
Severe	\$21.19	\$1.05	\$22.24		\$230.77	\$24.95	\$0.00	\$0.00	\$23.14	\$278.86	\$301.10		
Standby	\$8.48	\$1.02								\$9.50			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G10XX059	1400KW	GENERATOR SET, SKID MOUNTED, 1400KW, 1750 KVA, 3P, 277/480, 60 HZ							\$429,301	D-Off	2174	HP	337
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$38.64	\$2.33	\$40.97		\$317.43	\$34.32	\$0.00	\$0.00	\$36.92	\$388.67	\$429.64		
Severe	\$48.30	\$2.39	\$50.69		\$419.82	\$45.39	\$0.00	\$0.00	\$52.74	\$517.95	\$568.64		
Standby	\$19.32	\$2.33								\$21.65			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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
G10XX060	200KW	GENERATOR SET, SKID MOUNTED, 200KW, 250 KVA, 3P, 110/220, 277/480, 60 HZ							\$72,477	D-Off	322	HP		100	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate						
Average	\$6.52	\$0.39	\$6.91	\$47.02	\$5.08	\$0.00	\$0.00	\$6.23	\$58.34	\$65.25					
Severe	\$8.15	\$0.40	\$8.55	\$62.18	\$6.72	\$0.00	\$0.00	\$8.90	\$77.81	\$86.36					
Standby	\$3.26	\$0.39							\$3.65						

									Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
G10XX061	400KW	GENERATOR SET, SKID MOUNTED, 400KW, 500KVA, 3P, 120/240, 277/480, 60 HZ							\$118,580	D-Off	650	HP		150	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate						
Average	\$10.67	\$0.64	\$11.31	\$94.91	\$10.26	\$0.00	\$0.00	\$10.20	\$115.37	\$126.68					
Severe	\$13.34	\$0.66	\$14.00	\$125.52	\$13.57	\$0.00	\$0.00	\$14.57	\$153.66	\$167.66					
Standby	\$5.34	\$0.64							\$5.98						

\* - 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
G10XX062	280KW	GENERATOR SET, SKID MTD, 280KW, 350KVA, 3P, 120/240, 277/480, 60 HZ							\$87,003	D-Off	450	HP	105
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.83	\$0.47	\$8.30	\$65.70	\$7.10	\$0.00	\$0.00	\$7.48	\$80.28	\$88.58			
Severe	\$9.79	\$0.48	\$10.27	\$86.90	\$9.40	\$0.00	\$0.00	\$10.69	\$106.98	\$117.25			
Standby	\$3.92	\$0.47							\$4.39				

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
G15CS001	836C	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE, RIPPER							\$301,569	D-Off	220	HP	265
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$16.45	\$1.77	\$18.22		\$30.05	\$4.59	\$6.05	\$0.96	\$19.73	\$61.37	\$79.59		
Severe	\$17.10	\$1.77	\$18.87		\$38.34	\$5.85	\$17.20	\$2.73	\$23.25	\$87.38	\$106.25		
Standby	\$8.23	\$1.77								\$10.00			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## G15 GRADERS, MOTOR

**G15 0.00 GRADERS, MOTOR**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. ( MACHINE DIVISION)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
G15CA003	12-M3	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS							\$363,864	D-Off 179 HP 371
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.04	\$2.13	\$22.17	\$24.45	\$3.73	\$6.05	\$0.96	\$23.98	\$59.17	\$81.34
Severe	\$20.84	\$2.14	\$22.98	\$31.19	\$4.76	\$17.20	\$2.73	\$28.26	\$84.15	\$107.13
Standby	\$10.02	\$2.13							\$12.15	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
G15CA004	140-M3	GRADER, MOTOR, ARTICULATED, 6X4, 14' BLADE W/5 RIPPER/SCARIFIERS							\$401,199	D-Off 179 HP 388
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.19	\$2.35	\$24.54	\$24.45	\$3.73	\$6.05	\$0.96	\$26.52	\$61.71	\$86.25
Severe	\$23.08	\$2.36	\$25.44	\$31.19	\$4.76	\$17.20	\$2.73	\$31.26	\$87.15	\$112.59
Standby	\$11.10	\$2.35							\$13.45	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. ( MACHINE DIVISION)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
G15CA009	160-M3	GRADER, MOTOR, ARTICULATED, 6X4, 16' BLADE W/ RIPPER							\$464,828	D-Off 213 HP 453
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.86	\$2.73	\$28.59	\$29.09	\$4.44	\$6.05	\$0.96	\$30.86	\$71.40	\$99.99
Severe	\$26.90	\$2.73	\$29.63	\$37.12	\$5.67	\$17.20	\$2.73	\$36.38	\$99.10	\$128.73
Standby	\$12.93	\$2.73							\$15.66	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
G15CA010	12M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/11 TEETH SCARIFIERS							\$417,899	D-Off 179 HP 427
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.16	\$2.45	\$25.61	\$24.45	\$3.73	\$4.94	\$0.79	\$27.66	\$61.57	\$87.18
Severe	\$24.08	\$2.46	\$26.54	\$31.19	\$4.76	\$13.63	\$2.17	\$32.61	\$84.35	\$110.89
Standby	\$11.58	\$2.45							\$14.03	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G15CA012	160M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 16' BLADE W/ RIPPER							\$521,438	D-Off	213	HP	453
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$29.13	\$3.06	\$32.19	\$29.09	\$4.44	\$6.84	\$1.09	\$34.73	\$76.19	\$108.38			
Severe	\$30.30	\$3.07	\$33.37	\$37.12	\$5.67	\$20.17	\$3.21	\$40.93	\$107.09	\$140.46			
Standby	\$14.57	\$3.06							\$17.63				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G15CA038	120M2 AWD	MOTOR GRADER, ARTICULATED, 6X6, 12' BLADE							\$366,463	D-Off	179	HP	426
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$20.42	\$2.15	\$22.57	\$24.45	\$3.73	\$5.19	\$0.83	\$24.36	\$58.56	\$81.13			
Severe	\$21.24	\$2.15	\$23.39	\$31.19	\$4.76	\$15.30	\$2.43	\$28.71	\$82.39	\$105.78			
Standby	\$10.21	\$2.15							\$12.36				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## G15 GRADERS, MOTOR

**G15 0.00 GRADERS, MOTOR**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G15CA039	140M3 AWD	MOTOR GRADER, ARTICULATED, 6X6, 14' BLADE							\$452,344	D-Off	179	HP	388
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$25.37	\$2.65	\$28.02	\$24.45	\$3.73	\$5.19	\$0.83	\$30.22	\$64.41	\$92.43			
Severe	\$26.39	\$2.66	\$29.05	\$31.19	\$4.76	\$15.30	\$2.43	\$35.62	\$89.30	\$118.35			
Standby	\$12.69	\$2.65							\$15.34				
JOHN DEERE													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
G15JD008	670G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS							\$309,664	D-Off	235	HP	423
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.91	\$1.82	\$18.73	\$32.10	\$4.90	\$6.05	\$0.96	\$20.28	\$64.29	\$83.02			
Severe	\$17.59	\$1.82	\$19.41	\$40.95	\$6.25	\$17.20	\$2.73	\$23.90	\$91.04	\$110.45			
Standby	\$8.46	\$1.82							\$10.28				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
G15JD009 672G GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS									\$356,145	D-Off 255 HP 440
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.59	\$2.09	\$21.68	\$34.83	\$5.32	\$6.84	\$1.09	\$23.45	\$71.53	\$93.21
Severe	\$20.38	\$2.09	\$22.47	\$44.44	\$6.78	\$20.17	\$3.21	\$27.64	\$102.24	\$124.71
Standby	\$9.80	\$2.09							\$11.89	

SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
G15JD010 770G GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS									\$337,000	D-Off 255 HP 428
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.49	\$1.98	\$20.47	\$34.83	\$5.32	\$6.05	\$0.96	\$22.14	\$69.30	\$89.77
Severe	\$19.23	\$1.98	\$21.21	\$44.44	\$6.78	\$17.20	\$2.73	\$26.10	\$97.26	\$118.47
Standby	\$9.25	\$1.98							\$11.23	

\* - Adjustable Elements

**Region: 8**  
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## 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
G15JD011	772G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS							\$390,667	D-Off	275	HP	446
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$21.59	\$2.29	\$23.88		\$37.56	\$5.73	\$6.84	\$1.09	\$25.81	\$77.03	\$100.91		
Severe	\$22.45	\$2.30	\$24.75		\$47.92	\$7.31	\$20.17	\$3.21	\$30.42	\$109.02	\$133.77		
Standby	\$10.80	\$2.29								\$13.09			

LEE-BOY														
										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
G15LD008	685D	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/9 TEETH SCARIFIERS AND RIPPER							\$230,420	D-Off	130	HP		170
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.09	\$1.35	\$14.44		\$17.76	\$2.71	\$0.86	\$0.14	\$15.54	\$37.01	\$51.45			
Severe	\$13.62	\$1.35	\$14.97		\$22.66	\$3.46	\$2.54	\$0.40	\$18.32	\$47.38	\$62.35			
Standby	\$6.55	\$1.35								\$7.90				

\* - 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									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP019 PH-06 HAMMERS, HYDRAULIC, 150 FT-LBS, IMPACT FREQUENCY 840 BPM (ADD 2,400-4,400 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$7,622		2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.02	\$0.05	\$1.07	\$0.00	\$0.80	\$0.00	\$0.00	\$1.55	\$2.35	\$3.42	
Standby	\$0.51	\$0.05							\$0.56		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP020 PH-07 HAMMERS, HYDRAULIC, 200 FT-LBS, IMPACT FREQUENCY 850 BPM (ADD 3,000-5,500 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$7,955		3
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	\$0.80	\$0.00	\$0.00	\$1.62	\$2.42	\$3.53	
Standby	\$0.53	\$0.05							\$0.58		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP021 PH-1 HAMMERS, HYDRAULIC, 350 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 4,000-7,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$9,009		4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.20	\$0.06	\$1.26	\$0.00	\$1.20	\$0.00	\$0.00	\$1.83	\$3.03	\$4.29	
Standby	\$0.60	\$0.06							\$0.66		

\* - 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												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H10NP022	PH-2	HAMMERS, HYDRAULIC, 500 FT-LBS, IMPACT FREQUENCY 900 BPM (ADD 6,000-11,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)							\$11,263		5	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.50	\$0.07	\$1.57	\$0.00	\$1.20	\$0.00	\$0.00	\$2.29	\$3.49	\$5.06		
Standby	\$0.75	\$0.07							\$0.82			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H10NP023	PH-3	HAMMERS, HYDRAULIC, 750 FT-LBS, IMPACT FREQUENCY 830 BPM (ADD 8,000-16,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)							\$17,861		8	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.38	\$0.11	\$2.49	\$0.00	\$1.60	\$0.00	\$0.00	\$3.63	\$5.23	\$7.72		
Standby	\$1.19	\$0.11							\$1.30			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
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)							\$24,172		10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.22	\$0.15	\$3.37	\$0.00	\$1.60	\$0.00	\$0.00	\$4.91	\$6.51	\$9.88		
Standby	\$1.61	\$0.15							\$1.76			

\* - 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									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP025 GH6 HAMMERS, HYDRAULIC, 2,000 FT-LBS, IMPACT FREQUENCY 650 BPM (ADD 22,000-31,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$42,879		22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.72	\$0.26	\$5.98	\$0.00	\$2.00	\$0.00	\$0.00	\$8.71	\$10.71	\$16.69	
Standby	\$2.86	\$0.26							\$3.12		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP026 GH7 HAMMERS, HYDRAULIC, 2,500 FT-LBS, IMPACT FREQUENCY 580 BPM (ADD 28,000-42,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$54,424		29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.26	\$0.33	\$7.59	\$0.00	\$2.00	\$0.00	\$0.00	\$11.05	\$13.05	\$20.64	
Standby	\$3.63	\$0.33							\$3.96		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
H10NP027 GH9 HAMMERS, HYDRAULIC, 3,000 FT-LBS, IMPACT FREQUENCY 590 BPM (ADD 40,000-56,000 EXCAVATOR)(ADD COST FOR POINT WEAR)									\$63,795		36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.51	\$0.39	\$8.90	\$0.00	\$2.00	\$0.00	\$0.00	\$12.96	\$14.96	\$23.86	
Standby	\$4.26	\$0.39							\$4.65		

\* - 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
									7/1/2019	Main      Carrier      CWT
H10NP028      GH12      HAMMERS, HYDRAULIC, 5,500 FT-LBS, IMPACT FREQUENCY 430 BPM (ADD 56,000-86,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$88,747	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.83	\$0.54	\$12.37	\$0.00	\$2.40	\$0.00	\$0.00	\$18.02	\$20.42	\$32.79
Standby	\$5.92	\$0.54							\$6.46	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
H10NP029      GH15      HAMMERS, HYDRAULIC, 8,000 FT-LBS, IMPACT FREQUENCY 360 BPM (ADD 66,000-100,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$115,650	68
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.42	\$0.71	\$16.13	\$0.00	\$2.40	\$0.00	\$0.00	\$23.49	\$25.89	\$42.02
Standby	\$7.71	\$0.71							\$8.42	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
H10NP030      GH40      HAMMERS, HYDRAULIC, 17,000 FT-LBS, IMPACT FREQUENCY 290 BPM (ADD 160,000-260,000 LB EXCAVATOR)(ADD COST FOR POINT WEAR)									\$280,217	170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$37.36	\$1.72	\$39.08	\$0.00	\$2.40	\$0.00	\$0.00	\$56.91	\$59.31	\$98.39
Standby	\$18.68	\$1.72							\$20.40	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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**

[illegible][illegible]

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13TH002	DPC60-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER							\$20,517	D-Off	9	HP	32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.74	\$0.11	\$1.85	\$1.31	\$0.14	\$0.00	\$0.00	\$2.00	\$3.45	\$5.30			
Standby	\$0.87	\$0.11							\$0.98				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13TH003	DPC85-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON DRUM CRUSHER							\$27,250	D-Off	9	HP	47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.32	\$0.15	\$2.47	\$1.31	\$0.14	\$0.00	\$0.00	\$2.66	\$4.11	\$6.58			
Standby	\$1.16	\$0.15							\$1.31				

\* - 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.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
H13CO002	8041CC	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 37 TON HAZARD WASTE IN-DRUM , EXPLOSION PROOF							\$29,710	Elec	5	HP		167
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$2.53	\$0.17	\$2.70		\$0.33	\$0.44	\$0.00	\$0.00	\$2.90	\$3.66		\$6.36		
Standby	\$1.27	\$0.17								\$1.44				

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

ENVIRO-PAK													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13EP002	9600HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON HAZARDOUS WASTE, B-25 METAL STORAGE CONTAINER 4'X4'X6'							\$68,217	Elec	7.5	HP	100
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.55	\$0.39	\$4.94		\$0.50	\$0.58	\$0.00	\$0.00	\$6.23	\$7.32	\$12.26		
Standby	\$2.28	\$0.39								\$2.67			

\* - 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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13CO003	8551	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM							\$65,882	Elec	3	HP	270
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.39	\$0.38	\$4.77	\$0.20	\$0.36	\$0.00	\$0.00	\$6.02	\$6.58	\$11.35			
Standby	\$2.20	\$0.38							\$2.58				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13CO004	8564	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER							\$80,338	Elec	3	HP	290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.36	\$0.46	\$5.82	\$0.20	\$0.61	\$0.00	\$0.00	\$7.34	\$8.15	\$13.97			
Standby	\$2.68	\$0.46							\$3.14				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13CO005	8560-EXL	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, EXPLOSION PROOF, W/LIQUID REMOVAL SYSTEM							\$103,057	Elec	3	HP	310
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.87	\$0.59	\$7.46	\$0.20	\$0.61	\$0.00	\$0.00	\$9.42	\$10.23	\$17.69			
Standby	\$3.44	\$0.59							\$4.03				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

### H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

WASTE CONTROL SYSTEMS, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13CO006	8560-EX	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER & SS PLATEN & CHAMBER							\$104,924	Elec	3	HP	300
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.99	\$0.60	\$7.59		\$0.20	\$0.46	\$0.00	\$0.00	\$9.59	\$10.25	\$17.84		
Standby	\$3.50	\$0.60								\$4.10			

**H13 0.21 FILTER PRESSES, STATIONARY**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$158,882				244	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.71	\$0.92	\$13.63	\$0.00	\$0.00	\$0.00	\$0.00	\$17.42	\$17.42	\$31.05
Standby	\$6.36	\$0.92							\$7.28	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$217,137				236	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.37	\$1.26	\$18.63	\$0.00	\$0.00	\$0.00	\$0.00	\$23.81	\$23.81	\$42.44
Standby	\$8.69	\$1.26							\$9.95	

\* - 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		
				7/1/2019				Main		Carrier
										CWT
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		
				\$243,485						255
Condition				Depreciation*				FCCM*		
				Total Ownership				Fuel*		
				FOG				Tire Wear		
				Tire Repair				Repair		
				Total Operating				Total Hourly Rate		
Average				\$19.48				\$1.41		
				\$20.89				\$0.00		
				\$0.00				\$0.00		
				\$0.00				\$0.00		
				\$26.70				\$26.70		
								\$47.59		
Standby				\$9.74				\$1.41		
								\$11.15		

EVOQUA										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		Carrier
										CWT
H13EV001				PLC 25-1000				HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ		
				\$71,964				Elec		125
								1.5		HP
Condition				Depreciation*				FCCM*		
				Total Ownership				Fuel*		
				FOG				Tire Wear		
				Tire Repair				Repair		
				Total Operating				Total Hourly Rate		
Average				\$5.76				\$0.42		
				\$6.18				\$0.10		
				\$0.06				\$0.00		
				\$0.00				\$0.00		
				\$7.89				\$8.05		
								\$14.23		
Standby				\$2.88				\$0.42		
								\$3.30		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

EVOQUA													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13EV003	PLC 115-1200	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ							\$155,616	Elec	1.5	HP	460
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.45	\$0.90	\$13.35	\$0.10	\$0.06	\$0.00	\$0.00	\$17.07	\$17.22	\$30.57			
Standby	\$6.23	\$0.90							\$7.13				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13EV004	PLC 180-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ							\$308,232	Elec	3	HP	680
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.66	\$1.78	\$26.44	\$0.20	\$0.11	\$0.00	\$0.00	\$33.80	\$34.12	\$60.56			
Standby	\$12.33	\$1.78							\$14.11				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13EV005	PLC 270-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 270 CF MAXI FILTER PRESS, 1,500 MM SQ							\$384,464	Elec	10	HP	1100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$30.76	\$2.23	\$32.99	\$0.66	\$0.37	\$0.00	\$0.00	\$42.16	\$43.20	\$76.19			
Standby	\$15.38	\$2.23							\$17.61				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

DURCO FILTERS										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$184,937		Air			304
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.50	\$1.04	\$16.54	\$0.00	\$0.10	\$0.55	\$0.09	\$17.82	\$18.56	\$35.10
Standby	\$7.75	\$1.04							\$8.79	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$242,954		Air			396
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.43	\$1.36	\$21.79	\$0.00	\$0.60	\$0.55	\$0.09	\$23.47	\$24.71	\$46.50
Standby	\$10.22	\$1.36							\$11.58	

\* - 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		
				7/1/2019				Main		Carrier
										CWT
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		
				\$95,363						168
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.89	\$0.53	\$8.42	\$0.00	\$0.60	\$0.55	\$0.09	\$9.09	\$10.32	\$18.74
Standby	\$3.95	\$0.53							\$4.48	
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		Carrier
										CWT
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		
				\$269,467						315
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.69	\$1.51	\$24.20	\$0.00	\$0.60	\$0.55	\$0.09	\$26.06	\$27.30	\$51.50
Standby	\$11.35	\$1.51							\$12.86	

\* - 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
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								\$583,084	Elec 3 HP 145
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$49.35	\$3.27	\$52.62	\$0.20	\$1.61	\$0.55	\$0.09	\$56.63	\$59.08	\$111.70	
Standby	\$24.68	\$3.27							\$27.95		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier 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								\$472,561	Elec 1.5 HP 185
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$39.95	\$2.65	\$42.60	\$0.10	\$0.66	\$0.55	\$0.09	\$45.86	\$47.25	\$89.85	
Standby	\$19.98	\$2.65							\$22.63		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier 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								\$605,991	Elec 1.5 HP 520
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$51.29	\$3.40	\$54.69	\$0.10	\$0.66	\$0.55	\$0.09	\$58.86	\$60.26	\$114.95	
Standby	\$25.65	\$3.40							\$29.05		

\* - 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
									7/1/2019	Main Carrier CWT
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			\$891,673	Elec 3 HP 740
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.58	\$5.00	\$80.58	\$0.20	\$0.71	\$0.55	\$0.09	\$86.71	\$88.26	\$168.84
Standby	\$37.79	\$5.00							\$42.79	

SOMAT WASTE REDUCTION TECHNOLOGY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
H13S5001			1PB-6D			HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 6-15 GPM CAPACITY, TRAILER MOUNTED			\$77,333	Elec 3 HP 14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.36	\$0.43	\$6.79	\$0.20	\$0.11	\$0.55	\$0.09	\$7.33	\$8.28	\$15.07
Standby	\$3.18	\$0.43							\$3.61	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

SOMAT WASTE REDUCTION TECHNOLOGY

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13S5002	1PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 15-40 GPM CAPACITY, TRAILER MOUNTED							\$121,641	Elec	5	HP	35
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.12	\$0.68	\$10.80		\$0.33	\$0.19	\$0.55	\$0.09	\$11.65	\$12.80	\$23.60		
Standby	\$5.06	\$0.68								\$5.74			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13S5003	2PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 30-80 GPM CAPACITY, TRAILER MOUNTED							\$144,395	Elec	5	HP	40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.06	\$0.81	\$12.87	\$0.33	\$0.19	\$0.55	\$0.09	\$13.87	\$15.02	\$27.89			
Standby	\$6.03	\$0.81							\$6.84				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.30 CENTRIFUGES

NORTH STAR ENGINEERED PRODUCTS, INC.															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
H13BC008	755	HAZARDOUS/TOXIC WASTE EQUIPMENT, CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB								\$57,597	Elec	5	HP		12
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.52	\$0.38	\$11.90		\$0.33	\$0.19	\$0.00	\$0.00	\$12.28	\$12.80	\$24.70				
Standby	\$5.76	\$0.38								\$6.14					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
H13BC014	805 TX	HAZARDOUS/TOXIC WASTE EQUIPMENT CENTRIFUGE FIXED SPEED, TIMER, 100 LB. DRY WEIGHT								\$29,274	Elec	5	HP		10
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.85	\$0.19	\$6.04		\$0.33	\$0.19	\$0.00	\$0.00	\$6.24	\$6.76	\$12.80				
Standby	\$2.93	\$0.19								\$3.12					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
H13MN001	52-32HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 32" X 52" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET/ BELT-TYPE INFEED & DISCHARGE CONVEYORS			\$492,934		D-Off 150 HP		200	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.57	\$2.76	\$44.33	\$21.90	\$5.76	\$0.85	\$0.13	\$53.70	\$82.34	\$126.67
Standby	\$20.79	\$2.76							\$23.55	
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$572,963		D-Off 200 HP		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.25	\$3.21	\$51.46	\$29.20	\$7.68	\$1.15	\$0.18	\$62.34	\$100.56	\$152.02
Standby	\$24.13	\$3.21							\$27.34	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
H13MN003	62-40HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 38" X 62" OPENING, TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM			\$674,543		D-Off 200 HP		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$56.88	\$3.78	\$60.66	\$29.20	\$8.68	\$1.15	\$0.18	\$73.48	\$112.70	\$173.36
Standby	\$28.44	\$3.78							\$32.22	
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
H13MN004	72-46HT	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 45" X 72" OPENING , TRAILER MTD, W/DIESEL GENERATOR SET, CRANE GRAPPLE & DISCHARGE CONVEYOR SYSTEM			\$749,709		D-Off 300 HP		400	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$63.27	\$4.20	\$67.47	\$43.80	\$11.52	\$1.15	\$0.18	\$81.73	\$138.38	\$205.85
Standby	\$31.64	\$4.20							\$35.84	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13SH001	ST-25	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 42" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)							\$762,330	Elec	20	HP	23
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$64.80	\$4.27	\$69.07		\$1.33	\$0.67	\$0.00	\$0.00	\$83.61	\$85.61	\$154.68		
Standby	\$32.40	\$4.27								\$36.67			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13SH002	ST-25EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 46" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)							\$772,730	Elec	20	HP	25
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$65.68	\$4.33	\$70.01		\$1.33	\$0.67	\$0.00	\$0.00	\$84.75	\$86.75	\$156.76		
Standby	\$32.84	\$4.33								\$37.17			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13SH005	ST-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 63" X 70" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)							\$1,139,684	Elec	100	HP	145
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$96.87	\$6.39	\$103.26		\$6.63	\$3.35	\$0.00	\$0.00	\$124.99	\$134.97	\$238.23		
Standby	\$48.44	\$6.39								\$54.83			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
H13SH006	ST-400EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 75" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)			\$1,349,135		Elec 200 HP		350	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$114.68	\$7.56	\$122.24	\$13.26	\$6.70	\$0.00	\$0.00	\$147.96	\$167.93	\$290.17
Standby	\$57.34	\$7.56							\$64.90	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
H13SH007	ST-400ES	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 53" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)			\$1,246,763		Elec 200 HP		300	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$105.97	\$6.99	\$112.96	\$13.26	\$6.70	\$0.00	\$0.00	\$136.73	\$156.70	\$269.66
Standby	\$52.99	\$6.99							\$59.98	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.51 SOIL TREATMENT PLANT, MOBILE

NO SPECIFIC MANUFACTURER													
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H13XX025	A36	WINDROW TURNER, FOR MASS COMPOST, 2000 CY/HR, CAPABLE OF 12' X 6' WINDROWS, CRAWLER MOUNTED							\$289,980	D-Off	154	HP	140
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.65	\$1.62	\$26.27	\$22.49	\$2.84	\$0.00	\$0.00	\$35.34	\$60.66	\$86.93			
Standby	\$12.33	\$1.62							\$13.95				

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
H13XX001	DC7000-10	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM CRUSHER, 3 KSI CRUSHING FORCE							\$25,415	Elec	10	HP		10
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.40	\$0.16	\$5.56		\$0.66	\$0.33	\$0.00	\$0.00	\$7.74	\$8.74	\$14.30			
Standby	\$2.70	\$0.16								\$2.86				

\* - 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
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							\$140,506	Elec	1.5	HP	15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$29.86	\$0.90	\$30.76	\$0.10	\$0.05	\$0.00	\$0.00	\$42.80	\$42.96	\$73.72			
Standby	\$14.93	\$0.90							\$15.83				

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H13XX003	FRK LFT DRUM GRAB	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, ADAPTS FORKLIFT TO LIFT/TRANSPORT 55 GAL DRUMS 1500 LB LOAD CAPACITY							\$312			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.07	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10	\$0.10	\$0.17		
Standby	\$0.04	\$0.00							\$0.04			

\* - 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		
				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		
										3
Condition				Depreciation*				FCCM*		
Average				\$0.43				\$0.01		
Standby				\$0.22				\$0.01		

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				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)		
										11
Condition				Depreciation*				FCCM*		
Average				\$3.29				\$0.22		
Standby				\$1.65				\$0.22		

\* - 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)							\$48,782			19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.34	\$0.29	\$4.63	\$0.00	\$0.30	\$0.00	\$0.00	\$5.28	\$5.58	\$10.21		
Standby	\$2.17	\$0.29							\$2.46			

									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)							\$73,862			32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.57	\$0.43	\$7.00	\$0.00	\$0.40	\$0.00	\$0.00	\$8.00	\$8.40	\$15.40		
Standby	\$3.29	\$0.43							\$3.72			

\* - 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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
H25CS001	CX17C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 4,110 LBS, 0.05 CY BUCKET, 7' 9" MAX DIGGING DEPTH							\$40,158	D-Off 18 HP
										77
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.76	\$0.24	\$4.00	\$2.63	\$0.42	\$0.00	\$0.00	\$4.19	\$7.23	\$11.23
Severe	\$4.30	\$0.25	\$4.55	\$3.48	\$0.55	\$0.00	\$0.00	\$5.47	\$9.50	\$14.05
Standby	\$1.88	\$0.24							\$2.12	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
H25CS002	CX26C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 5,830 LBS, 0.09 CY BUCKET, 8' 8" MAX DIGGING DEPTH							\$45,143	D-Off 24.8 HP
										58
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.23	\$0.28	\$4.51	\$3.62	\$0.57	\$0.00	\$0.00	\$4.71	\$8.90	\$13.41
Severe	\$4.84	\$0.28	\$5.12	\$4.79	\$0.76	\$0.00	\$0.00	\$6.15	\$11.70	\$16.82
Standby	\$2.12	\$0.28							\$2.40	

\* - 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							\$51,786	D-Off	24.4	HP		74
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.85	\$0.32	\$5.17	\$3.56	\$0.56	\$0.00	\$0.00	\$5.40	\$9.52	\$14.69				
Severe	\$5.55	\$0.32	\$5.87	\$4.71	\$0.74	\$0.00	\$0.00	\$7.05	\$12.51	\$18.38				
Standby	\$2.43	\$0.32							\$2.75					

									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							\$55,958	D-Off	24.4	HP		87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.25	\$0.34	\$5.59	\$3.56	\$0.56	\$0.00	\$0.00	\$5.84	\$9.96	\$15.55				
Severe	\$6.00	\$0.35	\$6.35	\$4.71	\$0.74	\$0.00	\$0.00	\$7.62	\$13.08	\$19.43				
Standby	\$2.63	\$0.34							\$2.97					

\* - 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
H25CS005	CX57C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 12,300 LBS, 0.24 CY BUCKET, 13' 4" MAX DIGGING DEPTH							\$89,335	D-Off	66.9	HP	123
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.38	\$0.54	\$8.92		\$9.77	\$1.54	\$0.00	\$0.00	\$9.32	\$20.63	\$29.55		
Severe	\$9.57	\$0.55	\$10.12		\$12.92	\$2.04	\$0.00	\$0.00	\$12.17	\$27.13	\$37.25		
Standby	\$4.19	\$0.54								\$4.73			

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA006	300.9D	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 2,200 LBS, 0.05 CY BUCKET, 5.67' MAX DIGGING DEPTH							\$29,372	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	\$2.63	\$0.42	\$0.00	\$0.00	\$3.06	\$6.11	\$9.04			
Severe	\$3.15	\$0.18	\$3.33	\$3.48	\$0.55	\$0.00	\$0.00	\$4.00	\$8.03	\$11.36			
Standby	\$1.38	\$0.18							\$1.56				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

**H25 0.10 0 LBS THRU 12,500 LBS**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA010	304E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 8,700 LBS, 0.11 CY BUCKET, 11.25' MAX DIGGING DEPTH							\$68,908	D-Off	41.8	HP	87
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.46	\$0.42	\$6.88	\$6.10	\$0.96	\$0.00	\$0.00	\$7.19	\$14.25	\$21.13			
Severe	\$7.38	\$0.43	\$7.81	\$8.07	\$1.27	\$0.00	\$0.00	\$9.39	\$18.73	\$26.54			
Standby	\$3.23	\$0.42							\$3.65				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA035	303E CR	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 7800 LBS, 0.16 CY BUCKET, 9' MAX DIGGING DEPTH							\$62,478	D-Off	24.8	HP	78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.86	\$0.38	\$6.24	\$3.62	\$0.57	\$0.00	\$0.00	\$6.52	\$10.71	\$16.95			
Severe	\$6.69	\$0.39	\$7.08	\$4.79	\$0.76	\$0.00	\$0.00	\$8.51	\$14.06	\$21.14			
Standby	\$2.93	\$0.38							\$3.31				

\* - 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)										
SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									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						\$101,288	D-Off 45.7 HP 115
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.50	\$0.62	\$10.12	\$6.67	\$1.05	\$0.00	\$0.00	\$10.56	\$18.29	\$28.41
Severe	\$10.85	\$0.63	\$11.48	\$8.83	\$1.39	\$0.00	\$0.00	\$13.80	\$24.02	\$35.50
Standby	\$4.75	\$0.62							\$5.37	

KOMATSU AMERICA INTERNATIONAL COMPANY										
SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									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						\$81,359	D-Off 38 HP 110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.63	\$0.50	\$8.13	\$5.55	\$0.88	\$0.00	\$0.00	\$8.49	\$14.91	\$23.04
Severe	\$8.72	\$0.50	\$9.22	\$7.34	\$1.16	\$0.00	\$0.00	\$11.08	\$19.58	\$28.80
Standby	\$3.82	\$0.50							\$4.32	

\* - 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							\$94,455	D-Off	38	HP	116
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.86	\$0.58	\$9.44	\$5.55	\$0.88	\$0.00	\$0.00	\$9.85	\$16.28	\$25.72			
Severe	\$10.12	\$0.58	\$10.70	\$7.34	\$1.16	\$0.00	\$0.00	\$12.87	\$21.37	\$32.07			
Standby	\$4.43	\$0.58							\$5.01				

									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							\$117,256	D-Off	65.5	HP	178
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.99	\$0.72	\$11.71	\$9.56	\$1.51	\$0.00	\$0.00	\$12.23	\$23.30	\$35.01			
Severe	\$12.56	\$0.73	\$13.29	\$12.65	\$2.00	\$0.00	\$0.00	\$15.97	\$30.62	\$43.91			
Standby	\$5.50	\$0.72							\$6.22				

\* - 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							\$125,324	D-Off	66	HP	193
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.75	\$0.76	\$12.51	\$9.64	\$1.52	\$0.00	\$0.00	\$13.07	\$24.23	\$36.74			
Severe	\$13.43	\$0.78	\$14.21	\$12.75	\$2.01	\$0.00	\$0.00	\$17.07	\$31.84	\$46.05			
Standby	\$5.88	\$0.76							\$6.64				

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							\$53,622	D-Off	25	HP	65
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.03	\$0.33	\$5.36	\$3.65	\$0.58	\$0.00	\$0.00	\$5.59	\$9.82	\$15.18			
Severe	\$5.75	\$0.33	\$6.08	\$4.83	\$0.76	\$0.00	\$0.00	\$7.30	\$12.90	\$18.98			
Standby	\$2.52	\$0.33							\$2.85				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$80,882	D-Off	25	HP	77
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.58	\$0.49	\$8.07	\$3.65	\$0.58	\$0.00	\$0.00	\$8.44	\$12.66	\$20.73			
Severe	\$8.67	\$0.50	\$9.17	\$4.83	\$0.76	\$0.00	\$0.00	\$11.02	\$16.61	\$25.78			
Standby	\$3.79	\$0.49							\$4.28				
									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							\$101,668	D-Off	50	HP	107
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.53	\$0.62	\$10.15	\$7.30	\$1.15	\$0.00	\$0.00	\$10.60	\$19.06	\$29.21			
Severe	\$10.89	\$0.63	\$11.52	\$9.66	\$1.53	\$0.00	\$0.00	\$13.85	\$25.04	\$36.56			
Standby	\$4.77	\$0.62							\$5.39				

\* - 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							\$152,152	D-Off	54	HP		190
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$13.43	\$0.92	\$14.35	\$7.88	\$1.24	\$0.00	\$0.00	\$14.94	\$24.06	\$38.41				
Severe	\$16.30	\$0.94	\$17.24	\$10.43	\$1.65	\$0.00	\$0.00	\$22.02	\$34.10	\$51.34				
Standby	\$6.72	\$0.92							\$7.64					

									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							\$237,149	D-Off	102	HP		304
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.92	\$1.44	\$22.36	\$14.89	\$2.35	\$0.00	\$0.00	\$23.28	\$40.52	\$62.88				
Severe	\$25.41	\$1.47	\$26.88	\$19.70	\$3.11	\$0.00	\$0.00	\$34.32	\$57.14	\$84.02				
Standby	\$10.46	\$1.44							\$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							\$264,142	D-Off	115	HP	384
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$23.31	\$1.60	\$24.91		\$16.79	\$2.65	\$0.00	\$0.00	\$25.93	\$45.37	\$70.28		
Severe	\$28.30	\$1.63	\$29.93		\$22.21	\$3.51	\$0.00	\$0.00	\$38.23	\$63.95	\$93.88		
Standby	\$11.66	\$1.60								\$13.26			

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							\$114,040	D-Off	53.1	HP	161
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.06	\$0.69	\$10.75	\$7.75	\$1.22	\$0.00	\$0.00	\$11.19	\$20.17	\$30.92			
Severe	\$12.22	\$0.71	\$12.93	\$10.25	\$1.62	\$0.00	\$0.00	\$16.51	\$28.37	\$41.30			
Standby	\$5.03	\$0.69							\$5.72				

\* - 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)														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
H25CA012	313F	HYDRAULIC EXCAVATOR, CRAWLER, 29,300 LBS, 1.00 CY BUCKET, 19' 10" MAX DIGGING DEPTH							\$247,316	D-Off	100	HP		298
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.82	\$1.50	\$23.32	\$14.60	\$2.31	\$0.00	\$0.00	\$24.28	\$41.18	\$64.50				
Severe	\$26.50	\$1.53	\$28.03	\$19.31	\$3.05	\$0.00	\$0.00	\$35.80	\$58.16	\$86.19				
Standby	\$10.91	\$1.50							\$12.41					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
H25CA014	315F	HYDRAULIC EXCAVATOR, CRAWLER, 36,300 LBS, 1.00 CY BUCKET, 19.5' MAX DIGGING DEPTH							\$260,993	D-Off	100	HP		360
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$23.03	\$1.58	\$24.61	\$14.60	\$2.31	\$0.00	\$0.00	\$25.62	\$42.53	\$67.14				
Severe	\$27.96	\$1.61	\$29.57	\$19.31	\$3.05	\$0.00	\$0.00	\$37.78	\$60.14	\$89.71				
Standby	\$11.52	\$1.58							\$13.10					

**Region: 8**  
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## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25	0.11	OVER 12,500 LBS THRU 40,000 LBS
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CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$247,746	D-Off	74	HP	290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$21.86	\$1.50	\$23.36	\$10.80	\$1.71	\$0.00	\$0.00	\$24.32	\$36.83	\$60.19			
Severe	\$26.54	\$1.53	\$28.07	\$14.29	\$2.26	\$0.00	\$0.00	\$35.86	\$52.41	\$80.48			
Standby	\$10.93	\$1.50							\$12.43				
									Value TEV	Engine Horsepower and Fuel Type			
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							\$157,536	D-Off	74.3	HP	201
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.90	\$0.96	\$14.86	\$10.85	\$1.71	\$0.00	\$0.00	\$15.46	\$28.03	\$42.89			
Severe	\$16.88	\$0.97	\$17.85	\$14.35	\$2.27	\$0.00	\$0.00	\$22.80	\$39.42	\$57.27			
Standby	\$6.95	\$0.96							\$7.91				

\* - 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							\$163,387	D-Off	55	HP	191
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.42	\$0.99	\$15.41	\$8.03	\$1.27	\$0.00	\$0.00	\$16.04	\$25.34	\$40.75			
Severe	\$17.51	\$1.01	\$18.52	\$10.62	\$1.68	\$0.00	\$0.00	\$23.65	\$35.95	\$54.47			
Standby	\$7.21	\$0.99							\$8.20				

									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							\$193,313	D-Off	115	HP	331
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.06	\$1.17	\$18.23	\$16.79	\$2.65	\$0.00	\$0.00	\$18.98	\$38.42	\$56.65			
Severe	\$20.71	\$1.20	\$21.91	\$22.21	\$3.51	\$0.00	\$0.00	\$27.98	\$53.70	\$75.61			
Standby	\$8.53	\$1.17							\$9.70				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25	0.11	OVER 12,500 LBS THRU 40,000 LBS
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**KOMATSU AMERICA INTERNATIONAL COMPANY**

[illegible][illegible]

\* - 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							\$169,033	D-Off	100	HP		332
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.91	\$1.02	\$15.93		\$14.60	\$2.31	\$0.00	\$0.00	\$16.59	\$33.50	\$49.43			
Severe	\$18.11	\$1.05	\$19.16		\$19.31	\$3.05	\$0.00	\$0.00	\$24.47	\$46.83	\$65.99			
Standby	\$7.46	\$1.02								\$8.48				
									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							\$175,933	D-Off	112	HP		384
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$15.52	\$1.07	\$16.59		\$16.35	\$2.58	\$0.00	\$0.00	\$17.27	\$36.20	\$52.79			
Severe	\$18.85	\$1.09	\$19.94		\$21.63	\$3.42	\$0.00	\$0.00	\$25.46	\$50.51	\$70.45			
Standby	\$7.76	\$1.07								\$8.83				

\* - 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			\$319,254		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	\$1.88	\$21.83	\$23.36	\$3.69	\$0.00	\$0.00	\$25.37	\$52.42	\$74.25
Severe	\$23.94	\$1.91	\$25.85	\$30.90	\$4.88	\$0.00	\$0.00	\$36.15	\$71.93	\$97.78
Standby	\$9.98	\$1.88							\$11.86	

					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			\$414,813		D-Off 177 HP		569	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.93	\$2.45	\$28.38	\$25.84	\$4.08	\$0.00	\$0.00	\$32.96	\$62.88	\$91.26
Severe	\$31.11	\$2.48	\$33.59	\$34.18	\$5.40	\$0.00	\$0.00	\$46.97	\$86.55	\$120.14
Standby	\$12.97	\$2.45							\$15.42	

\* - 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							\$432,255	D-Off	207	HP		673
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$27.02	\$2.55	\$29.57		\$30.22	\$4.77	\$0.00	\$0.00	\$34.35	\$69.34	\$98.91			
Severe	\$32.42	\$2.58	\$35.00		\$39.97	\$6.31	\$0.00	\$0.00	\$48.95	\$95.23	\$130.23			
Standby	\$13.51	\$2.55								\$16.06				

									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							\$468,741	D-Off	268	HP		825
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$29.30	\$2.76	\$32.06		\$39.13	\$6.18	\$0.00	\$0.00	\$37.25	\$82.56	\$114.62			
Severe	\$35.16	\$2.80	\$37.96		\$51.75	\$8.17	\$0.00	\$0.00	\$53.08	\$113.00	\$150.96			
Standby	\$14.65	\$2.76								\$17.41				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
H25CA001	336	HYDRAULIC EXCAVATOR, CRAWLER, 82,000 LBS, 2.97 CY BUCKET, 24.6' MAX DIGGING DEPTH							\$389,030	D-Off	147	HP		820
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$24.31	\$2.29	\$26.60	\$21.46	\$3.39	\$0.00	\$0.00	\$30.91	\$55.76	\$82.36				
Severe	\$29.18	\$2.33	\$31.51	\$28.39	\$4.48	\$0.00	\$0.00	\$44.05	\$76.93	\$108.44				
Standby	\$12.16	\$2.29							\$14.45					
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
H25CA022	320	HYDRAULIC EXCAVATOR, CRAWLER, 49,600 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH							\$250,408	D-Off	174	HP		496
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.65	\$1.48	\$17.13	\$25.41	\$4.01	\$0.00	\$0.00	\$19.90	\$49.32	\$66.45				
Severe	\$18.78	\$1.50	\$20.28	\$33.60	\$5.31	\$0.00	\$0.00	\$28.36	\$67.26	\$87.54				
Standby	\$7.83	\$1.48							\$9.31					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA040	318F	HYDRAULIC EXCAVATOR, CRAWLER, 42,300 LBS, 1.00 CY BUCKET, 21' 7" MAX DIGGING DEPTH							\$252,304	D-Off	122	HP	423
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$15.77	\$1.49	\$17.26	\$17.81	\$2.81	\$0.00	\$0.00	\$20.05	\$40.67	\$57.93			
Severe	\$18.92	\$1.51	\$20.43	\$23.56	\$3.72	\$0.00	\$0.00	\$28.57	\$55.85	\$76.28			
Standby	\$7.89	\$1.49							\$9.38				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA041	323	HYDRAULIC EXCAVATOR, CRAWLER, 53,800 LBS, 0.69 CY BUCKET, 38.3' MAX DIGGING DEPTH							\$306,399	D-Off	174	HP	538
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.15	\$1.81	\$20.96	\$25.41	\$4.01	\$0.00	\$0.00	\$24.35	\$53.77	\$74.73			
Severe	\$22.98	\$1.83	\$24.81	\$33.60	\$5.31	\$0.00	\$0.00	\$34.70	\$73.60	\$98.41			
Standby	\$9.58	\$1.81							\$11.39				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA042	325FCR	HYDRAULIC EXCAVATOR, CRAWLER, 57,200 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH							\$305,911	D-Off	164	HP	572
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.12	\$1.80	\$20.92	\$23.95	\$3.78	\$0.00	\$0.00	\$24.31	\$52.04	\$72.96			
Severe	\$22.94	\$1.83	\$24.77	\$31.67	\$5.00	\$0.00	\$0.00	\$34.64	\$71.31	\$96.08			
Standby	\$9.56	\$1.80							\$11.36				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA043	326F	HYDRAULIC EXCAVATOR, CRAWLER, 66,000 LBS, 0.69 CY BUCKET, 48.3' MAX DIGGING DEPTH							\$305,734	D-Off	207	HP	662
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.11	\$1.80	\$20.91	\$30.22	\$4.77	\$0.00	\$0.00	\$24.30	\$59.29	\$80.20			
Severe	\$22.93	\$1.83	\$24.76	\$39.97	\$6.31	\$0.00	\$0.00	\$34.62	\$80.90	\$105.66			
Standby	\$9.56	\$1.80							\$11.36				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$396,708	D-Off	207	HP	846
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.79	\$2.34	\$27.13	\$30.22	\$4.77	\$0.00	\$0.00	\$31.52	\$66.52	\$93.65			
Severe	\$29.75	\$2.37	\$32.12	\$39.97	\$6.31	\$0.00	\$0.00	\$44.92	\$91.20	\$123.32			
Standby	\$12.40	\$2.34							\$14.74				
									Value TEV	Engine Horsepower and Fuel Type			
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							\$282,862	D-Off	174	HP	496
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.68	\$1.67	\$19.35	\$25.41	\$4.01	\$0.00	\$0.00	\$22.48	\$51.90	\$71.25			
Severe	\$21.21	\$1.69	\$22.90	\$33.60	\$5.31	\$0.00	\$0.00	\$32.03	\$70.94	\$93.84			
Standby	\$8.84	\$1.67							\$10.51				

\* - 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							\$246,979	D-Off	166	HP		494
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$15.44	\$1.46	\$16.90	\$24.24	\$3.83	\$0.00	\$0.00	\$19.63	\$47.69	\$64.59				
Severe	\$18.52	\$1.48	\$20.00	\$32.06	\$5.06	\$0.00	\$0.00	\$27.97	\$65.09	\$85.09				
Standby	\$7.72	\$1.46							\$9.18					

									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							\$302,006	D-Off	185	HP		593
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$18.88	\$1.78	\$20.66	\$27.01	\$4.27	\$0.00	\$0.00	\$24.00	\$55.27	\$75.93				
Severe	\$22.65	\$1.81	\$24.46	\$35.73	\$5.64	\$0.00	\$0.00	\$34.20	\$75.57	\$100.03				
Standby	\$9.44	\$1.78							\$11.22					

\* - 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							\$437,706	D-Off	286	HP	825
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$27.36	\$2.58	\$29.94	\$41.76	\$6.60	\$0.00	\$0.00	\$34.78	\$83.14	\$113.08			
Severe	\$32.83	\$2.62	\$35.45	\$55.23	\$8.72	\$0.00	\$0.00	\$49.56	\$113.52	\$148.97			
Standby	\$13.68	\$2.58							\$16.26				

									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							\$345,797	D-Off	268	HP	688
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$21.61	\$2.04	\$23.65	\$39.13	\$6.18	\$0.00	\$0.00	\$27.48	\$72.79	\$96.44			
Severe	\$25.93	\$2.07	\$28.00	\$51.75	\$8.17	\$0.00	\$0.00	\$39.16	\$99.08	\$127.08			
Standby	\$10.81	\$2.04							\$12.85				

\* - 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							\$654,455	D-Off	362	HP		1093
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$37.76	\$3.84	\$41.60	\$52.86	\$2.63	\$0.00	\$0.00	\$60.01	\$115.50	\$157.10				
Severe	\$40.90	\$3.86	\$44.76	\$69.91	\$3.48	\$0.00	\$0.00	\$71.51	\$144.90	\$189.66				
Standby	\$18.88	\$3.84							\$22.72					

									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							\$882,207	D-Off	463	HP		596
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$50.90	\$5.17	\$56.07	\$67.60	\$3.37	\$0.00	\$0.00	\$80.89	\$151.86	\$207.93				
Severe	\$55.14	\$5.20	\$60.34	\$89.41	\$4.45	\$0.00	\$0.00	\$96.39	\$190.26	\$250.60				
Standby	\$25.45	\$5.17							\$30.62					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25	0.13	OVER 100,000 LBS THRU 160,000 LBS
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CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA002	349	HYDRAULIC EXCAVATOR, CRAWLER, 105,00 LBS, 3.52 CY BUCKET, 27' MAX DIGGING DEPTH							\$454,396	D-Off	424	HP	1053
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$26.22	\$2.67	\$28.89	\$61.91	\$3.08	\$0.00	\$0.00	\$41.66	\$106.66	\$135.55			
Severe	\$28.40	\$2.68	\$31.08	\$81.88	\$4.08	\$0.00	\$0.00	\$49.65	\$135.61	\$166.69			
Standby	\$13.11	\$2.67							\$15.78				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
H25CA003	352	HYDRAULIC EXCAVATOR, CRAWLER, 115,700 LBS, 5.00 CY BUCKET, 26' 5" MAX DIGGING DEPTH							\$478,590	D-Off	432	HP	1157
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$27.61	\$2.81	\$30.42	\$63.08	\$3.14	\$0.00	\$0.00	\$43.88	\$110.10	\$140.52			
Severe	\$29.91	\$2.82	\$32.73	\$83.42	\$4.16	\$0.00	\$0.00	\$52.29	\$139.87	\$172.60			
Standby	\$13.81	\$2.81							\$16.62				

\* - 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)										
					Value TEV		Engine Horsepower and Fuel Type			
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			\$770,523		D-Off 485 HP		1657	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.45	\$4.52	\$48.97	\$70.81	\$3.53	\$0.00	\$0.00	\$70.65	\$144.99	\$193.96
Severe	\$48.16	\$4.54	\$52.70	\$93.66	\$4.67	\$0.00	\$0.00	\$84.19	\$182.52	\$235.22
Standby	\$22.23	\$4.52							\$26.75	

KOBELCO AMERICA INC.										
					Value TEV		Engine Horsepower and Fuel Type			
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			\$617,970		D-Off 369 HP		1140	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.65	\$3.62	\$39.27	\$53.88	\$2.68	\$0.00	\$0.00	\$56.66	\$113.23	\$152.50
Severe	\$38.62	\$3.64	\$42.26	\$71.26	\$3.55	\$0.00	\$0.00	\$67.52	\$142.33	\$184.59
Standby	\$17.83	\$3.62							\$21.45	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25	0.13	OVER 100,000 LBS THRU 160,000 LBS
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**KOMATSU AMERICA INTERNATIONAL COMPANY**

[illegible]

**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							\$1,218,457	D-Off	524	HP	1902
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$48.10	\$7.00	\$55.10	\$76.51	\$4.14	\$0.00	\$0.00	\$84.08	\$164.73	\$219.83			
Severe	\$60.92	\$7.09	\$68.01	\$101.19	\$5.47	\$0.00	\$0.00	\$121.03	\$227.69	\$295.70			
Standby	\$24.05	\$7.00							\$31.05				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

CATERPILLAR INC. ( MACHINE DIVISION)										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
H25CA101	395	HYDRAULIC EXCAVATOR, CRAWLER, 209,300 LBS, 8.5 CY BUCKET, 23' 4" MAX DIGGING DEPTH			\$981,629	D-Off	543	HP		2093
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.75	\$5.64	\$44.39	\$79.28	\$4.29	\$0.00	\$0.00	\$67.74	\$151.31	\$195.70
Severe	\$49.08	\$5.71	\$54.79	\$104.86	\$5.67	\$0.00	\$0.00	\$97.51	\$208.03	\$262.82
Standby	\$19.38	\$5.64							\$25.02	

KOMATSU AMERICA INTERNATIONAL COMPANY										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				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			\$1,286,739	D-Off	487	HP		1930
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.79	\$7.39	\$58.18	\$71.11	\$3.84	\$0.00	\$0.00	\$88.80	\$163.75	\$221.93
Severe	\$64.34	\$7.48	\$71.82	\$94.04	\$5.08	\$0.00	\$0.00	\$127.81	\$226.94	\$298.76
Standby	\$25.40	\$7.39							\$32.79	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

**H25    0.14    OVER 160,000 LBS**

**KOMATSU AMERICA INTERNATIONAL COMPANY**

[illegible]

## H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

**CATERPILLAR INC. ( MACHINE DIVISION)**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

CATERPILLAR INC. ( MACHINE DIVISION)											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
H25CA057	S3025	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 18" JAW OPENING (ADD 22,000 - 30,000 LB HYDRAULIC EXCAVATOR)							\$82,209		54
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.65	\$0.49	\$12.14	\$0.00	\$0.80	\$0.00	\$0.00	\$15.03	\$15.83	\$27.97	
Standby	\$5.83	\$0.49							\$6.32		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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)							\$107,552		76
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.24	\$0.64	\$15.88	\$0.00	\$0.00	\$0.00	\$0.00	\$19.66	\$19.66	\$35.54	
Standby	\$7.62	\$0.64							\$8.26		

\* - 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		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU001	MSD 7	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 10" JAW OPENING (ADD 10,000 LB HYDRAULIC EXCAVATOR)								\$33,653				10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.77	\$0.20	\$4.97	\$0.00	\$0.40	\$0.00	\$0.00	\$6.15	\$6.55	\$11.52				
Standby	\$2.39	\$0.20							\$2.59					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU002	MSD 7R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 10" JAW OPENING (ADD 14,000 LB HYDRAULIC EXCAVATOR)								\$38,078				12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.39	\$0.23	\$5.62	\$0.00	\$0.50	\$0.00	\$0.00	\$6.96	\$7.46	\$13.08				
Standby	\$2.70	\$0.23							\$2.93					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU003	MSD 800	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 15" JAW OPENING (ADD 20,000 LB HYDRAULIC EXCAVATOR)								\$77,903				23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$11.04	\$0.47	\$11.51	\$0.00	\$0.80	\$0.00	\$0.00	\$14.24	\$15.04	\$26.55				
Standby	\$5.52	\$0.47							\$5.99					

\* - 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)								\$87,214				28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.36	\$0.52	\$12.88	\$0.00	\$0.90	\$0.00	\$0.00	\$15.94	\$16.84	\$29.72				
Standby	\$6.18	\$0.52							\$6.70					

										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)								\$105,670				42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.97	\$0.63	\$15.60	\$0.00	\$1.10	\$0.00	\$0.00	\$19.32	\$20.42	\$36.02				
Standby	\$7.49	\$0.63							\$8.12					

										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)								\$114,705				44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$16.25	\$0.69	\$16.94	\$0.00	\$1.50	\$0.00	\$0.00	\$20.97	\$22.47	\$39.41				
Standby	\$8.13	\$0.69							\$8.82					

\* - 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		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU007	MSD 1500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 22" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)								\$130,458				70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$18.48	\$0.78	\$19.26	\$0.00	\$1.40	\$0.00	\$0.00	\$23.85	\$25.25	\$44.51				
Standby	\$9.24	\$0.78							\$10.02					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU008	MSD 1500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 22" JAW OPENING (ADD 65,000 LB HYDRAULIC EXCAVATOR)								\$153,538				74
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.75	\$0.92	\$22.67	\$0.00	\$1.60	\$0.00	\$0.00	\$28.06	\$29.66	\$52.33				
Standby	\$10.88	\$0.92							\$11.80					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU009	MSD 2000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 28" JAW OPENING (ADD 70,000 LB HYDRAULIC EXCAVATOR)								\$145,557				90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$20.62	\$0.87	\$21.49	\$0.00	\$1.70	\$0.00	\$0.00	\$26.61	\$28.31	\$49.80				
Standby	\$10.31	\$0.87							\$11.18					

\* - 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		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU010	MSD 2000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 28" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)								\$184,907				110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$26.20	\$1.10	\$27.30	\$0.00	\$2.00	\$0.00	\$0.00	\$33.80	\$35.80	\$63.10				
Standby	\$13.10	\$1.10							\$14.20					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU011	MSD 2500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 32" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)								\$204,673				119
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$29.00	\$1.22	\$30.22	\$0.00	\$2.00	\$0.00	\$0.00	\$37.41	\$39.41	\$69.63				
Standby	\$14.50	\$1.22							\$15.72					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU012	MSD 2500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 32" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)								\$244,549				148
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$34.64	\$1.46	\$36.10	\$0.00	\$2.50	\$0.00	\$0.00	\$44.70	\$47.20	\$83.30				
Standby	\$17.32	\$1.46							\$18.78					

\* - 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		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU013	MSD 3000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 35" JAW OPENING (ADD 145,000 LB HYDRAULIC EXCAVATOR)								\$244,198				142
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$34.59	\$1.46	\$36.05	\$0.00	\$2.60	\$0.00	\$0.00	\$44.64	\$47.24	\$83.29				
Standby	\$17.30	\$1.46							\$18.76					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU014	MSD 3000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 35" JAW OPENING (ADD 160,000 LB HYDRAULIC EXCAVATOR)								\$291,689				171
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$41.32	\$1.74	\$43.06	\$0.00	\$3.00	\$0.00	\$0.00	\$53.32	\$56.32	\$99.38				
Standby	\$20.66	\$1.74							\$22.40					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								7/1/2019		Main	Carrier	
H25LU055	MSD 2250	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 30" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)								\$178,961				106
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$25.35	\$1.07	\$26.42	\$0.00	\$2.60	\$0.00	\$0.00	\$32.71	\$35.31	\$61.73				
Standby	\$12.68	\$1.07							\$13.75					

\* - 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	
H25LU056	MSD 2250R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 30" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)							\$218,268				127
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$30.92	\$1.30	\$32.22		\$0.00	\$2.60	\$0.00	\$0.00	\$39.90	\$42.50	\$74.72		
Standby	\$15.46	\$1.30								\$16.76			

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25DX002	42X1.88-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.88 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)							\$23,908	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.19	\$0.15	\$3.34	\$0.00	\$0.00	\$0.00	\$0.00	\$3.88	\$3.88	\$7.22
Standby	\$1.60	\$0.15							\$1.75	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25DX003	48X2.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 2.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)							\$25,578	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.41	\$0.16	\$3.57	\$0.00	\$0.00	\$0.00	\$0.00	\$4.16	\$4.16	\$7.73
Standby	\$1.71	\$0.16							\$1.87	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25DX004	54X3.00-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.00 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)							\$27,799	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.71	\$0.17	\$3.88	\$0.00	\$0.00	\$0.00	\$0.00	\$4.52	\$4.52	\$8.40
Standby	\$1.86	\$0.17							\$2.03	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

## H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25DX005	60X3.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)							\$31,691			57
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.23	\$0.19	\$4.42		\$0.00	\$0.00	\$0.00	\$0.00	\$5.15	\$5.15	\$9.57	
Standby	\$2.12	\$0.19								\$2.31		

**LABOUNTY MANUFACTURING,**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$18,130				17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.42	\$0.11	\$2.53	\$0.00	\$0.30	\$0.00	\$0.00	\$2.95	\$3.25	\$5.78				
Standby	\$1.21	\$0.11							\$1.32					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$23,802				30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.17	\$0.15	\$3.32	\$0.00	\$0.40	\$0.00	\$0.00	\$3.87	\$4.27	\$7.59				
Standby	\$1.59	\$0.15							\$1.74					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$29,882				38
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$3.98	\$0.18	\$4.16	\$0.00	\$0.50	\$0.00	\$0.00	\$4.86	\$5.36	\$9.52				
Standby	\$1.99	\$0.18							\$2.17					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$33,484				55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.46	\$0.21	\$4.67	\$0.00	\$0.60	\$0.00	\$0.00	\$5.44	\$6.04	\$10.71				
Standby	\$2.23	\$0.21							\$2.44					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$72,710				90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.69	\$0.45	\$10.14	\$0.00	\$0.70	\$0.00	\$0.00	\$11.81	\$12.51	\$22.65				
Standby	\$4.85	\$0.45							\$5.30					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$105,425				100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$14.06	\$0.65	\$14.71	\$0.00	\$1.00	\$0.00	\$0.00	\$17.13	\$18.13	\$32.84				
Standby	\$7.03	\$0.65							\$7.68					

										Value TEV		Engine Horsepower and Fuel Type		CWT
SourceTag	Model	Equipment Description								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)								\$41,868				63
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.58	\$0.26	\$5.84	\$0.00	\$0.60	\$0.00	\$0.00	\$6.80	\$7.40	\$13.24				
Standby	\$2.79	\$0.26							\$3.05					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

ROCKLAND MANUFACTURING COMPANY												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25RZ001	EPR-B2-36	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, BUCKET, 36" CONCRETE/PAVEMENT REMOVAL (ADD 75,000 LB HYDRAULIC EXCAVATOR)							\$11,703	21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.56	\$0.07	\$1.63	\$0.00	\$0.00	\$0.00	\$0.00	\$1.90	\$1.90	\$3.53		
Standby	\$0.78	\$0.07							\$0.85			

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

CATERPILLAR INC. ( MACHINE DIVISION)												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
H25CA068	P215	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRUSHER, 33.0" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)							\$52,183			37
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.39	\$0.31	\$7.70	\$0.00	\$0.00	\$0.00	\$0.00	\$10.60	\$10.60	\$18.30		
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)											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
H25CA069	P225	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40.1" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)							\$62,829		55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.90	\$0.38	\$9.28	\$0.00	\$0.00	\$0.00	\$0.00	\$12.76	\$12.76	\$22.04	
Standby	\$4.45	\$0.38							\$4.83		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
H25CA070	P235	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 47.8" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)							\$88,378		88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$12.52	\$0.53	\$13.05	\$0.00	\$0.00	\$0.00	\$0.00	\$17.95	\$17.95	\$31.00	
Standby	\$6.26	\$0.53							\$6.79		

\* - 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)							\$39,873		21	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.65	\$0.24	\$5.89	\$0.00	\$0.50	\$0.00	\$0.00	\$8.10	\$8.60	\$14.49		
Standby	\$2.83	\$0.24							\$3.07			
									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)							\$59,602		38	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.44	\$0.36	\$8.80	\$0.00	\$0.50	\$0.00	\$0.00	\$12.10	\$12.61	\$21.41		
Standby	\$4.22	\$0.36							\$4.58			
									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)							\$132,378		103	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.75	\$0.79	\$19.54	\$0.00	\$1.00	\$0.00	\$0.00	\$26.89	\$27.89	\$47.43		
Standby	\$9.38	\$0.79							\$10.17			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

## H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

**LABOUNTY MANUFACTURING,**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

## H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

[illegible]

\* - 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
H25LU047	CP 60 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 60,000 LB HYDRAULIC EXCAVATOR)							\$49,455	CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.01	\$0.30	\$7.31	\$0.00	\$0.60	\$0.00	\$0.00	\$10.04	\$10.64	\$17.95
Standby	\$3.51	\$0.30							\$3.81	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25LU048	CP 80 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 42" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)							\$53,439	CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.57	\$0.32	\$7.89	\$0.00	\$0.70	\$0.00	\$0.00	\$10.85	\$11.55	\$19.44
Standby	\$3.79	\$0.32							\$4.11	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25LU049	CP 100 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 48" JAW OPENING (ADD 100,000 LB HYDRAULIC EXCAVATOR)							\$64,956	CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.20	\$0.39	\$9.59	\$0.00	\$0.80	\$0.00	\$0.00	\$13.19	\$13.99	\$23.58
Standby	\$4.60	\$0.39							\$4.99	

\* - 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
H25LU050	CP 120 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 54" JAW OPENING (ADD 140,000 LB HYDRAULIC EXCAVATOR)							\$102,955	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.59	\$0.61	\$15.20	\$0.00	\$0.90	\$0.00	\$0.00	\$20.91	\$21.81	\$37.01
Standby	\$7.30	\$0.61							\$7.91	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25LU053	UP 45 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)							\$143,530	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.33	\$0.86	\$21.19	\$0.00	\$0.75	\$0.00	\$0.00	\$29.15	\$29.90	\$51.09
Standby	\$10.17	\$0.86							\$11.03	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25LU054	UP 75 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)							\$207,688	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.42	\$1.24	\$30.66	\$0.00	\$0.75	\$0.00	\$0.00	\$42.18	\$42.93	\$73.59
Standby	\$14.71	\$1.24							\$15.95	

\* - 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	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
H25AU007	HO-PAC 1000B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" X 32" PLATE, 8,000 LBS FORCE (ADD 9,000-30,000 LB HYDRAULIC EXCAVATOR)							\$7,070	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.00	\$0.04	\$1.04	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$2.48
Standby	\$0.50	\$0.04							\$0.54	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
H25AU008	HO-PAC 1600	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 29" X 32" PLATE, 18,000 LBS FORCE (ADD 19,000-45,000 LB HYDRAULIC EXCAVATOR)							\$10,118	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.43	\$0.06	\$1.49	\$0.00	\$0.00	\$0.00	\$0.00	\$2.05	\$2.05	\$3.54
Standby	\$0.72	\$0.06							\$0.78	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
H25AU009	HO-PAC 2300	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 36" PLATE, 24,000 LBS FORCE (ADD 35,000-120,000 LB HYDRAULIC EXCAVATOR)							\$14,141	22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.00	\$0.08	\$2.08	\$0.00	\$0.00	\$0.00	\$0.00	\$2.87	\$2.87	\$4.95
Standby	\$1.00	\$0.08							\$1.08	

\* - 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
H25AU010	HO-PAC 4000	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 50" X 42" PLATE, 40,000 LBS FORCE (ADD 70,000-120,000 LB HYDRAULIC EXCAVATOR)								\$24,375	CWT
											40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.45	\$0.15	\$3.60	\$0.00	\$0.00	\$0.00	\$0.00	\$4.95	\$4.95	\$8.55	
Standby	\$1.73	\$0.15							\$1.88		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
H25AU011	HO-PAC 700B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 18" X 27" PLATE, 6,400 LBS FORCE (ADD 7,000-15,000 LB HYDRAULIC EXCAVATOR)								\$5,859	CWT
											6
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	\$0.00	\$0.00	\$0.00	\$1.19	\$1.19	\$2.05	
Standby	\$0.42	\$0.03							\$0.45		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25AX001	DC-24BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 38" DIA (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)							\$13,041	25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.85	\$0.08	\$1.93	\$0.00	\$0.00	\$0.00	\$0.00	\$2.65	\$2.65	\$4.58
Standby	\$0.93	\$0.08							\$1.01	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
H25AX002	DC-36BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 38" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)							\$14,943	33
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.12	\$0.09	\$2.21	\$0.00	\$0.00	\$0.00	\$0.00	\$3.03	\$3.03	\$5.24
Standby	\$1.06	\$0.09							\$1.15	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

## H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

**AMERICAN COMPACTION EQUIPMENT, INC.**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

## H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

**AMERICAN COMPACTION EQUIPMENT, INC.**

[illegible]

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)							\$5,605				4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.79	\$0.03	\$0.82	\$0.00	\$0.15	\$0.00	\$0.00	\$1.14	\$1.29	\$2.11			
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)							\$11,327				14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.60	\$0.07	\$1.67	\$0.00	\$0.15	\$0.00	\$0.00	\$2.30	\$2.45	\$4.12			
Standby	\$0.80	\$0.07							\$0.87				
									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)							\$16,178				22
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.29	\$0.10	\$2.39	\$0.00	\$0.15	\$0.00	\$0.00	\$3.29	\$3.44	\$5.83			
Standby	\$1.15	\$0.10							\$1.25				

\* - 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)	\$10,737				21		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.52	\$0.06	\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$2.18	\$2.18 \$3.76
Standby	\$0.76	\$0.06							\$0.82

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)	\$12,486				25		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.77	\$0.07	\$1.84	\$0.00	\$0.00	\$0.00	\$0.00	\$2.54	\$2.54 \$4.38
Standby	\$0.89	\$0.07							\$0.96

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)	\$13,346				29		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.89	\$0.08	\$1.97	\$0.00	\$0.00	\$0.00	\$0.00	\$2.71	\$2.71 \$4.68
Standby	\$0.95	\$0.08							\$1.03

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ROCKLAND MANUFACTURING COMPANY													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
H25RZ005	WE36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)							\$16,414				36
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.33	\$0.10	\$2.43		\$0.00	\$0.00	\$0.00	\$0.00	\$3.33	\$3.33	\$5.76		
Standby	\$1.17	\$0.10								\$1.27			

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
H30CA001	M314F	HYDRAULIC EXCAVATORS, WHEEL, 0.69 CY BUCKET, TELESCOPIC BOOM, 19' DIGGING DEPTH, AWD							\$265,011	D-Off	148	HP	322
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.59	\$1.62	\$26.21	\$20.22	\$3.02	\$0.60	\$0.10	\$19.59	\$43.53	\$69.74			
Severe	\$30.26	\$1.65	\$31.91	\$25.79	\$3.85	\$2.02	\$0.32	\$26.52	\$58.50	\$90.41			
Standby	\$12.30	\$1.62							\$13.92				

\* - 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)										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$250,673	D-Off 150 HP 348
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.24	\$1.53	\$24.77	\$20.49	\$3.06	\$0.60	\$0.10	\$18.52	\$42.77	\$67.54
Severe	\$28.61	\$1.56	\$30.17	\$26.14	\$3.91	\$2.02	\$0.32	\$25.07	\$57.46	\$87.63
Standby	\$11.62	\$1.53							\$13.15	

GRADALL COMPANY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$442,293	D-On 262 HP 509
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.60	\$2.70	\$43.30	\$42.78	\$6.39	\$1.82	\$0.29	\$32.43	\$83.72	\$127.02
Severe	\$49.97	\$2.76	\$52.73	\$54.58	\$8.16	\$5.95	\$0.95	\$43.91	\$113.55	\$166.28
Standby	\$20.30	\$2.70							\$23.00	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

GRADALL COMPANY										
									Value TEV	Engine Horsepower and Fuel Type
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							\$379,866	D-On 235 HP 417
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$35.04	\$2.32	\$37.36	\$38.37	\$5.73	\$1.13	\$0.18	\$27.96	\$73.37	\$110.73
Severe	\$43.12	\$2.37	\$45.49	\$48.95	\$7.32	\$3.60	\$0.57	\$37.85	\$98.29	\$143.78
Standby	\$17.52	\$2.32							\$19.84	

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
H30CA002	M316F	HYDRAULIC EXCAVATORS, WHEEL, 1.43 CY BUCKET, TELESCOPIC BOOM, 20' DIGGING DEPTH, AWD							\$290,633	D-Off 148 HP 340
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.38	\$1.74	\$23.12	\$20.22	\$3.02	\$1.20	\$0.19	\$20.49	\$45.12	\$68.24
Severe	\$26.73	\$1.77	\$28.50	\$25.79	\$3.85	\$4.04	\$0.64	\$27.75	\$62.07	\$90.57
Standby	\$10.69	\$1.74							\$12.43	

\* - 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							\$351,811	D-Off	169	HP	380
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$25.97	\$2.10	\$28.07		\$23.08	\$3.45	\$1.20	\$0.19	\$24.87	\$52.78	\$80.85		
Severe	\$32.47	\$2.15	\$34.62		\$29.45	\$4.40	\$4.04	\$0.64	\$33.67	\$72.20	\$106.82		
Standby	\$12.99	\$2.10								\$15.09			

									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							\$328,931	D-Off	174	HP	408
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$24.26	\$1.97	\$26.23		\$23.77	\$3.55	\$1.20	\$0.19	\$23.23	\$51.94	\$78.17		
Severe	\$30.32	\$2.01	\$32.33		\$30.32	\$4.53	\$4.04	\$0.64	\$31.46	\$70.98	\$103.31		
Standby	\$12.13	\$1.97								\$14.10			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. ( MACHINE DIVISION)										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
H30CA006			M322F			HYDRAULIC EXCAVATORS, WHEEL, 1.87 CY BUCKET. TELESCOPIC BOOM, 21' 10" DIGGING DEPTH, AWD			\$368,312	D-Off 173 HP 459
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.10	\$2.20	\$29.30	\$23.63	\$3.53	\$1.51	\$0.24	\$25.97	\$54.88	\$84.18
Severe	\$33.88	\$2.25	\$36.13	\$30.15	\$4.51	\$5.08	\$0.81	\$35.17	\$75.71	\$111.84
Standby	\$13.55	\$2.20							\$15.75	

GRADALL COMPANY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$497,255	D-On 282 HP 584
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$36.58	\$2.97	\$39.55	\$46.04	\$6.88	\$1.86	\$0.30	\$35.05	\$90.13	\$129.68
Severe	\$45.73	\$3.03	\$48.76	\$58.74	\$8.78	\$6.07	\$0.96	\$47.47	\$122.02	\$170.78
Standby	\$18.29	\$2.97							\$21.26	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H35 HYDRAULIC SHOVELS, CRAWLER MOUNTED

H35 0.12 DIESEL, OVER 5.0 CY

HITACHI CONSTRUCTION MACHINERY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
H35HI006			EX1200-7			HYDRAULIC SHOVEL, CRAWLER, 8.5 CY BUCKET, FRONT SHOVEL, 17' 3" DIGGING DEPTH			\$1,737,730	D-Off 760 HP 2602
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$99.30	\$9.80	\$109.10	\$110.97	\$6.00	\$0.00	\$0.00	\$177.54	\$294.51	\$403.61
Severe	\$106.94	\$9.85	\$116.79	\$146.76	\$7.93	\$0.00	\$0.00	\$207.13	\$361.83	\$478.62
Standby	\$49.65	\$9.80							\$59.45	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
H35HI007			EX1900-6			HYDRAULIC SHOVEL, CRAWLER, 15.7 CY BUCKET, FRONT SHOVEL, 35' 3" MAX DIGGING DEPTH			\$2,466,182	D-Off 1086 HP 4233
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$140.92	\$13.91	\$154.83	\$158.57	\$8.57	\$0.00	\$0.00	\$251.97	\$419.11	\$573.94
Severe	\$151.77	\$13.99	\$165.76	\$209.72	\$11.34	\$0.00	\$0.00	\$293.96	\$515.02	\$680.78
Standby	\$70.46	\$13.91							\$84.37	

\* - 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)							\$5,509			22
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	\$2.00	\$0.00	\$0.00	\$0.60	\$2.60	\$3.07		
Severe	\$0.63	\$0.03	\$0.66	\$0.00	\$2.00	\$0.00	\$0.00	\$0.96	\$2.96	\$3.62		
Standby	\$0.22	\$0.03							\$0.25			

									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)							\$10,457			16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.84	\$0.06	\$0.90	\$0.00	\$2.50	\$0.00	\$0.00	\$1.14	\$3.64	\$4.54		
Severe	\$1.20	\$0.06	\$1.26	\$0.00	\$2.50	\$0.00	\$0.00	\$1.82	\$4.32	\$5.58		
Standby	\$0.42	\$0.06							\$0.48			

\* - 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	
L10BU011	3810	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 10.5' WIDE, 2 - 13" CUT HEIGHT (ADD FARM 70 HP TRACTOR)			\$28,859				28	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.31	\$0.17	\$2.48	\$0.00	\$3.00	\$0.00	\$0.00	\$3.16	\$6.16	\$8.64
Severe	\$3.30	\$0.17	\$3.47	\$0.00	\$3.00	\$0.00	\$0.00	\$5.01	\$8.01	\$11.48
Standby	\$1.16	\$0.17							\$1.33	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
L10BU014	2815	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 15' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 60 HP TRACTOR)			\$32,595				45	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.61	\$0.19	\$2.80	\$0.00	\$3.00	\$0.00	\$0.00	\$3.57	\$6.57	\$9.37
Severe	\$3.73	\$0.20	\$3.93	\$0.00	\$3.00	\$0.00	\$0.00	\$5.66	\$8.66	\$12.59
Standby	\$1.31	\$0.19							\$1.50	

\* - 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	
L10BU015	2820	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 20' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 90 HP TRACTOR)			\$40,743				59	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.26	\$0.24	\$3.50	\$0.00	\$3.50	\$0.00	\$0.00	\$4.46	\$7.96	\$11.46
Severe	\$4.66	\$0.25	\$4.91	\$0.00	\$3.50	\$0.00	\$0.00	\$7.08	\$10.58	\$15.49
Standby	\$1.63	\$0.24							\$1.87	

DYMAX										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
L10DX001	136IN-TD-10	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 136" WIDE (ADD 250 HP DOZER)			\$33,193				53	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.66	\$0.19	\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$3.63	\$3.63	\$6.48
Severe	\$3.79	\$0.20	\$3.99	\$0.00	\$0.00	\$0.00	\$0.00	\$5.77	\$5.77	\$9.76
Standby	\$1.33	\$0.19							\$1.52	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L10 LAND CLEARING EQUIPMENT

L10	0.00	LAND CLEARING EQUIPMENT
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DYMAX													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
L10DX002	156IN-TD-20	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 156" WIDE (ADD 300 HP DOZER)							\$40,082			64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.21	\$0.23	\$3.44	\$0.00	\$0.00	\$0.00	\$0.00	\$4.39	\$4.39	\$7.83			
Severe	\$4.58	\$0.24	\$4.82	\$0.00	\$0.00	\$0.00	\$0.00	\$6.96	\$6.96	\$11.78			
Standby	\$1.61	\$0.23							\$1.84				

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
L10DX003	158IN-TD-30	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 158" WIDE (ADD 400 HP DOZER)							\$56,278			84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.50	\$0.33	\$4.83	\$0.00	\$0.00	\$0.00	\$0.00	\$6.16	\$6.16	\$10.99		
Severe	\$6.43	\$0.34	\$6.77	\$0.00	\$0.00	\$0.00	\$0.00	\$9.78	\$9.78	\$16.55		
Standby	\$2.25	\$0.33							\$2.58			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
L10DX004	55INX88IN-WL-60	LAND CLEARING EQUIPMENT, LOGGING FORK, 55" TINE LENGTH (ADD 150+ HP WHEEL LOADER)							\$26,083	
										CWT
										36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.09	\$0.15	\$2.24	\$0.00	\$0.00	\$0.00	\$0.00	\$2.86	\$2.86	\$5.10
Severe	\$2.98	\$0.16	\$3.14	\$0.00	\$0.00	\$0.00	\$0.00	\$4.53	\$4.53	\$7.67
Standby	\$1.05	\$0.15							\$1.20	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
L10DX005	180IN-TD-40	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 180" WIDE (ADD 500 HP DOZER)							\$59,375	
										CWT
										90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.75	\$0.34	\$5.09	\$0.00	\$0.00	\$0.00	\$0.00	\$6.50	\$6.50	\$11.59
Severe	\$6.79	\$0.36	\$7.15	\$0.00	\$0.00	\$0.00	\$0.00	\$10.32	\$10.32	\$17.47
Standby	\$2.38	\$0.34							\$2.72	

\* - 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)			\$14,352				19	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.15	\$0.08	\$1.23	\$0.00	\$0.00	\$0.00	\$0.00	\$1.57	\$1.57	\$2.80
Severe	\$1.64	\$0.09	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$2.49	\$2.49	\$4.22
Standby	\$0.58	\$0.08							\$0.66	

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)			\$42,658				109	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.41	\$0.25	\$3.66	\$0.00	\$0.00	\$0.00	\$0.00	\$4.67	\$4.67	\$8.33
Severe	\$4.88	\$0.26	\$5.14	\$0.00	\$0.00	\$0.00	\$0.00	\$7.41	\$7.41	\$12.55
Standby	\$1.71	\$0.25							\$1.96	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L10 LAND CLEARING EQUIPMENT

L10	0.00	LAND CLEARING EQUIPMENT
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ROME PLOW CO.													
									Value TEV	Engine Horsepower and Fuel Type			
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)							\$23,715				51
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.90	\$0.14	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$2.60	\$2.60	\$4.64			
Severe	\$2.71	\$0.14	\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$4.12	\$4.12	\$6.97			
Standby	\$0.95	\$0.14							\$1.09				

TORO													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$20,892	Gas	26	HP	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.67	\$0.12	\$1.79	\$6.49	\$0.87	\$0.00	\$0.00	\$2.29	\$9.65	\$11.44			
Severe	\$2.39	\$0.13	\$2.52	\$8.41	\$1.13	\$0.00	\$0.00	\$3.63	\$13.17	\$15.69			
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L10VE002	SC 382	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD							\$34,591	Gas 37 HP 18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.77	\$0.20	\$2.97	\$9.23	\$1.24	\$0.00	\$0.00	\$3.79	\$14.26	\$17.23
Severe	\$3.95	\$0.21	\$4.16	\$11.97	\$1.61	\$0.00	\$0.00	\$6.01	\$19.59	\$23.75
Standby	\$1.39	\$0.20							\$1.59	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L10VE009	SC 802	LAND CLEARING EQUIPMENT, STUMPER, 28" DIA WHEEL, TRAILER MTD							\$73,297	D-Off 74 HP 44
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.84	\$0.42	\$6.26	\$10.11	\$1.18	\$0.04	\$0.01	\$8.00	\$19.34	\$25.60
Severe	\$8.35	\$0.44	\$8.79	\$12.90	\$1.50	\$0.11	\$0.02	\$12.70	\$27.23	\$36.02
Standby	\$2.92	\$0.42							\$3.34	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L10VE010	SC 292	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD							\$22,054	Gas 27 HP 13
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.74	\$0.13	\$1.87	\$6.74	\$0.91	\$0.05	\$0.01	\$2.39	\$10.09	\$11.96
Severe	\$2.49	\$0.13	\$2.62	\$8.73	\$1.18	\$0.12	\$0.02	\$3.80	\$13.84	\$16.46
Standby	\$0.87	\$0.13							\$1.00	

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L15BW002	VICTOR 800	LANDSCAPING EQUIPMENT, 800 GAL, HYDROMULCHER, TRAILER MTD							\$45,353	Gas 35 HP 48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.58	\$0.28	\$7.86	\$11.64	\$1.26	\$0.14	\$0.02	\$7.63	\$20.69	\$28.55
Standby	\$3.79	\$0.28							\$4.07	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L15 LANDSCAPING EQUIPMENT

**L15    0.00   LANDSCAPING EQUIPMENT**

BOWIE INDUSTRIES, INC.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L15BW003	VICTOR 1100	LANDSCAPING EQUIPMENT, 1,100 GAL, HYDROMULCHER, GOOSENECK TRAILER MTD							\$49,973	Gas	50	HP		60
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$8.37	\$0.31	\$8.68		\$16.63	\$1.80	\$0.14	\$0.02	\$8.42	\$27.01		\$35.69		
Standby	\$4.19	\$0.31								\$4.50				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L15BW004	IMPERIAL 3000	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROMULCHER, TRUCK MTD (ADD 55,000 GVW TRUCK)							\$100,339	D-Off	90	HP		88
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$17.06	\$0.62	\$17.68		\$16.11	\$1.74	\$0.00	\$0.00	\$17.12	\$34.97		\$52.65		
Standby	\$8.53	\$0.62								\$9.15				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L15BW005	LANCER 600	LANDSCAPING EQUIPMENT, 600 GAL, HYDROMULCHER, TRAILER MTD							\$26,658	Gas	25	HP		29
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$4.32	\$0.16	\$4.48		\$8.32	\$0.90	\$0.24	\$0.04	\$4.36	\$13.86		\$18.34		
Standby	\$2.16	\$0.16								\$2.32				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

FINN CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L15FG001	T330	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROSEEDER, TRUCK MTD (ADD 56,000 GVW TRUCK)							\$98,020	D-On	134	HP	96
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.66	\$0.60	\$17.26	\$28.67	\$3.10	\$0.00	\$0.00	\$16.72	\$48.49	\$65.75			
Standby	\$8.33	\$0.60							\$8.93				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L15FG002	B260T	LANDSCAPING EQUIPMENT, MULCHER, STRAW BLOWER, 20 TONS PER HOUR, TRAILER MOUNTED							\$60,558	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	\$24.60	\$2.66	\$0.06	\$0.01	\$10.29	\$37.61	\$48.22			
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L15HV004	FT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 26" WIDTH BY 6" DEPTH							\$521	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	\$2.33	\$0.25	\$0.00	\$0.00	\$0.09	\$2.67	\$2.76
Standby	\$0.05	\$0.00							\$0.05	

JOHN DEERE										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L15JD005	MX5	LANDSCAPING EQUIPMENT, ROTARY MOWER, 60" WIDE, MEDIUM DUTY, PTO DRIVE (ADD 45 - 100 HP AGRICULTURAL TRACTOR)							\$3,369	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.57	\$0.02	\$0.59	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	\$0.57	\$1.16
Standby	\$0.29	\$0.02							\$0.31	

\* - 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
									7/1/2019	Main      Carrier      CWT
L15S7001	BT131	POST HOLE DRILL, UP TO 8" DIA, 30" DEEP, ONE MAN OPERATION							\$790	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	\$0.63	\$0.07	\$0.00	\$0.00	\$0.13	\$0.83	\$0.96
Standby	\$0.07	\$0.00							\$0.07	

TORO										
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
L15TO001	22298	LANDSCAPING EQUIPMENT, LAWNMOWER, 21" DECK, REAR BAGGER, WALK BEHIND MOWER							\$2,211	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	\$2.00	\$0.22	\$0.00	\$0.00	\$0.38	\$2.59	\$2.98
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
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO002	30672	LANDSCAPING EQUIPMENT, LAWNMOWER, 32" DECK, SIDE DISCHARGE, WALK BEHIND MOWER								\$4,010	Gas 14.5 HP 6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.64	\$0.02	\$0.66	\$4.82	\$0.52	\$0.06	\$0.01	\$0.65	\$6.05	\$6.71	
Standby	\$0.32	\$0.02							\$0.34		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO003	74952	LANDSCAPING EQUIPMENT, LAWNMOWER, 48" DECK, SIDE DISCHARGE, RIDING MOWER								\$10,257	Gas 20.5 HP 12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.60	\$0.06	\$1.66	\$6.82	\$0.74	\$0.19	\$0.03	\$1.63	\$9.41	\$11.07	
Standby	\$0.80	\$0.06							\$0.86		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO004	74955	LANDSCAPING EQUIPMENT, LAWNMOWER, 52" DECK, TRACTOR, SIDE DISCHARGE, RIDING MOWER								\$10,213	Gas 25 HP 13
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.59	\$0.06	\$1.65	\$8.32	\$0.90	\$0.19	\$0.03	\$1.62	\$11.06	\$12.71	
Standby	\$0.80	\$0.06							\$0.86		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO006	74472	LANDSCAPING EQUIPMENT, LAWNMOWER, 60" DECK, SIDE DISCHARGE, RIDING MOWER								\$8,776	Gas 23.5 HP 15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.28	\$0.05	\$1.33	\$7.82	\$0.85	\$0.28	\$0.05	\$1.32	\$10.31	\$11.64	
Standby	\$0.64	\$0.05							\$0.69		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO007	74918	LANDSCAPING EQUIPMENT, LAWNMOWER, 72" DECK, SIDE DISCHARGE, RIDING MOWER								\$19,714	Gas 26.5 HP 17
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.14	\$0.12	\$3.26	\$8.81	\$0.95	\$0.28	\$0.05	\$3.18	\$13.27	\$16.53	
Standby	\$1.57	\$0.12							\$1.69		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L15TO009	POWER MAX 8260E	LANDSCAPING EQUIPMENT, SNOWBLOWER, 26" PATH, 40' THROW								\$1,235	Gas 8 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	\$2.66	\$0.29	\$0.00	\$0.00	\$0.21	\$3.16	\$3.38	
Standby	\$0.11	\$0.01							\$0.12		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L15TO010	POWER MAX 10280HXE	LANDSCAPING EQUIPMENT, SNOWBLOWER, 28" PATH, 45' THROW							\$1,550	Gas 10 HP 3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.26	\$0.01	\$0.27	\$3.33	\$0.36	\$0.00	\$0.00	\$0.26	\$3.95	\$4.22
Standby	\$0.13	\$0.01							\$0.14	

WILLMAR EQUIPMENT COMPANY										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L15WI001	S-150	LANDSCAPING EQUIPMENT, SPREADER, 54CF DRY CHEMICAL (ADD 55 HP FARM TRACTOR)							\$9,989	15
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.61	\$0.06	\$1.67	\$0.00	\$0.05	\$0.10	\$0.02	\$1.63	\$1.79	\$3.46
Standby	\$0.81	\$0.06							\$0.87	

\* - 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
L20AB017	NLV 7KW LED	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH							\$19,891	D-Off	10	HP		19
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.96	\$0.12	\$2.08		\$1.93	\$0.21	\$0.05	\$0.01	\$4.49	\$6.69	\$8.77			
Standby	\$0.98	\$0.12								\$1.10				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L20AB018	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH							\$21,394	D-Off	10	HP		19
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.11	\$0.13	\$2.24		\$1.93	\$0.21	\$0.05	\$0.01	\$4.84	\$7.03	\$9.27			
Standby	\$1.06	\$0.13								\$1.19				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L20AB019	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH							\$23,649	D-Off	10	HP		19
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.34	\$0.14	\$2.48		\$1.93	\$0.21	\$0.05	\$0.01	\$5.35	\$7.55	\$10.03			
Standby	\$1.17	\$0.14								\$1.31				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L20 LIGHTING SETS, TRAILER MOUNTED

L20	0.10	LIGHTING SETS, TRAILER MOUNTED
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ALLMAND BROTHERS INC.															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
L20AB021	MAXI LITE V	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/8 KW GEN, MANUAL MAST WINCH								\$29,224	D-Off	11	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$2.90	\$0.17	\$3.07		\$2.12	\$0.23	\$0.05	\$0.01	\$6.63	\$9.03		\$12.10			
Standby	\$1.45	\$0.17								\$1.62					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
L20AB025	MAXI LITE V 15KW LED	LITE SET, TRAILER MTD., 6/320W LED LAMPS, W/15 KW GEN, MANUAL MAST WINCH								\$36,739	D-Off	20	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$3.65	\$0.22	\$3.87		\$3.86	\$0.42	\$0.05	\$0.01	\$8.35	\$12.68		\$16.55			
Standby	\$1.83	\$0.22								\$2.05					
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
L20AB026	NLV 7KW	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH								\$18,013	D-Off	10	HP		19
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$1.78	\$0.11	\$1.89		\$1.93	\$0.21	\$0.05	\$0.01	\$4.07	\$6.26		\$8.15			
Standby	\$0.89	\$0.11								\$1.00					

\* - 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							\$31,103	D-Off	11	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.08	\$0.18	\$3.26		\$2.12	\$0.23	\$0.05	\$0.01	\$7.06	\$9.46	\$12.72			
Standby	\$1.54	\$0.18								\$1.72				

									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							\$34,860	D-Off	20	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.46	\$0.21	\$3.67		\$3.86	\$0.42	\$0.05	\$0.01	\$7.92	\$12.25	\$15.92			
Standby	\$1.73	\$0.21								\$1.94				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

JCL EQUIPMENT CO.														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L25JE002	ROAD RUNNER	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, TRUCK MOUNTED (17,590 LB GVW), TWO COLORS							\$242,788	D-On	190	HP		116
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$23.76	\$1.44	\$25.20		\$43.86	\$4.74	\$1.09	\$0.17	\$43.62	\$93.49	\$118.69			
Standby	\$11.88	\$1.44								\$13.32				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
L25JE003	HRL-1	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 1 GUNS SELF PROPELLED, SINGLE COLOR							\$5,658	Gas	5.5	HP		9
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.57	\$0.03	\$0.60		\$1.96	\$0.21	\$0.00	\$0.00	\$1.03	\$3.21	\$3.81			
Standby	\$0.29	\$0.03								\$0.32				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

M-B COMPANIES, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L25MB004	TPX 2000	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, W/11,000 LBS GVW TRUCK, TWO COLORS							\$473,855	Gas	190	HP	290
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$46.87	\$2.80	\$49.67		\$67.59	\$8.81	\$1.09	\$0.17	\$85.86	\$163.52	\$213.19		
Standby	\$23.44	\$2.80								\$26.24			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L25MB006	245	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, SELF PROPELLED, TWO COLORS							\$207,941	Gas	20	HP	48
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$20.79	\$1.23	\$22.02		\$7.11	\$2.02	\$0.00	\$0.00	\$38.01	\$47.14	\$69.16		
Standby	\$10.40	\$1.23								\$11.63			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L25MB007	260 ACL	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, SELF PROPELLED, THREE COLORS							\$104,322	Gas	23	HP	30
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.43	\$0.62	\$11.05		\$8.18	\$1.88	\$0.00	\$0.00	\$19.07	\$29.13	\$40.18		
Standby	\$5.22	\$0.62								\$5.84			

\* - 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
									7/1/2019	Main Carrier CWT
L25MB008			360			LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, THERMAL 120 GAL, TRUCK MTD, TWO COLORS			\$257,403	D-Off 74 HP 192
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$25.27	\$1.52	\$26.79	\$14.29	\$3.05	\$1.00	\$0.16	\$46.36	\$64.85	\$91.64
Standby	\$12.64	\$1.52							\$14.16	

NO SPECIFIC MANUFACTURER										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L25XX001			300TC			THERMOPLASTIC LINE STRIPER, 4" WIDTH, LP FIRED, CART MOUNTED (ADD COST FOR THERMOPLASTIC)			\$12,990	5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.30	\$0.08	\$1.38	\$0.00	\$0.00	\$0.00	\$0.00	\$2.37	\$2.37	\$3.75
Standby	\$0.65	\$0.08							\$0.73	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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.							\$778,400	Gas	190	HP		290
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$77.32	\$4.61	\$81.93		\$67.59	\$8.81	\$1.09	\$0.17	\$141.53	\$219.19	\$301.12			
Standby	\$38.66	\$4.61								\$43.27				

## L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

**L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES**

[illegible]

\* - 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
									7/1/2019	Main Carrier CWT
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			\$54,528	Elec 10 HP 128
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$4.22	\$0.32	\$4.54		\$0.66	\$0.33	\$0.30	\$0.05	\$6.48	\$7.82 \$12.36
Severe	\$5.28	\$0.32	\$5.60		\$0.87	\$0.44	\$0.77	\$0.12	\$8.91	\$11.11 \$16.71
Standby	\$2.11	\$0.32								\$2.43
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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			\$226,589	Elec 85 HP 280
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$17.33	\$1.31	\$18.64		\$5.64	\$2.85	\$1.88	\$0.30	\$26.64	\$37.31 \$55.95
Severe	\$21.66	\$1.34	\$23.00		\$7.37	\$3.73	\$4.89	\$0.78	\$36.63	\$53.39 \$76.39
Standby	\$8.67	\$1.31								\$9.98

\* - 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			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
L30S4002	RUN-ON HYDRAULIC LEG		LOADER CONVERYOR BELT & ACCESSORIES, 4 HYDRAULIC JACK LEGS						\$26,780	28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.14	\$0.16	\$2.30	\$0.00	\$0.00	\$0.00	\$0.00	\$3.26	\$3.26	\$5.56
Severe	\$2.68	\$0.16	\$2.84	\$0.00	\$0.00	\$0.00	\$0.00	\$4.49	\$4.49	\$7.33
Standby	\$1.07	\$0.16							\$1.23	

SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
L30S4007	30" X 100' CONVEYOR		CONVEYOR, 30" WIDTH X 100' L, 500 TPH MAX (ADD 12KW GENERATOR)						\$55,032	Elec 15 HP
64										
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.61	\$0.32	\$3.93	\$0.99	\$0.50	\$2.03	\$0.32	\$5.73	\$9.58	\$13.51
Severe	\$4.51	\$0.33	\$4.84	\$1.30	\$0.66	\$5.76	\$0.92	\$7.89	\$16.52	\$21.36
Standby	\$1.81	\$0.32							\$2.13	

\* - 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
L30S4008	LOADER HOPPER	HOPPER FOR FRONT WHEEL LOADER, 500 TPH INCLUDES GRIZZLY SCREEN							\$69,010	
										CWT
										40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.52	\$0.40	\$5.92	\$0.00	\$0.00	\$0.00	\$0.00	\$8.41	\$8.41	\$14.33
Severe	\$6.90	\$0.41	\$7.31	\$0.00	\$0.00	\$0.00	\$0.00	\$11.56	\$11.56	\$18.87
Standby	\$2.76	\$0.40							\$3.16	

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
L35CS001	TR270B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET							\$81,550	D-Off 74 HP
										CWT
										98
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.52	\$0.47	\$6.99	\$11.85	\$1.27	\$0.00	\$0.00	\$10.91	\$24.03	\$31.02
Severe	\$8.16	\$0.48	\$8.64	\$15.34	\$1.64	\$0.00	\$0.00	\$15.50	\$32.48	\$41.12
Standby	\$3.26	\$0.47							\$3.73	

\* - 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
									7/1/2019	Main      Carrier
										CWT
L35CS002	TR310B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET							\$84,391	D-Off    74    HP      89
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.75	\$0.49	\$7.24	\$11.85	\$1.27	\$0.00	\$0.00	\$11.29	\$24.41	\$31.65
Severe	\$8.44	\$0.50	\$8.94	\$15.34	\$1.64	\$0.00	\$0.00	\$16.04	\$33.02	\$41.96
Standby	\$3.38	\$0.49							\$3.87	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
L35CS003	TR340B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET							\$103,367	D-Off    84    HP      100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.27	\$0.60	\$8.87	\$13.45	\$1.44	\$0.00	\$0.00	\$13.83	\$28.72	\$37.59
Severe	\$10.34	\$0.61	\$10.95	\$17.41	\$1.86	\$0.00	\$0.00	\$19.65	\$38.92	\$49.87
Standby	\$4.14	\$0.60							\$4.74	

\* - 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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
L35CS100	TV370B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET							\$90,610	D-Off 74 HP
										93
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.25	\$0.52	\$7.77	\$11.85	\$1.27	\$0.00	\$0.00	\$12.12	\$25.24	\$33.01
Severe	\$9.06	\$0.54	\$9.60	\$15.34	\$1.64	\$0.00	\$0.00	\$17.22	\$34.20	\$43.80
Standby	\$3.63	\$0.52							\$4.15	

SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
L35CS101	TV450B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET							\$105,532	D-Off 90 HP
										100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.44	\$0.61	\$9.05	\$14.41	\$1.54	\$0.00	\$0.00	\$14.12	\$30.07	\$39.12
Severe	\$10.55	\$0.62	\$11.17	\$18.65	\$2.00	\$0.00	\$0.00	\$20.06	\$40.70	\$51.87
Standby	\$4.22	\$0.61							\$4.83	

\* - 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)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L35CA001	239D	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET								\$75,363	D-Off 67.1 HP 73
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.03	\$0.44	\$6.47	\$10.75	\$1.15	\$0.00	\$0.00	\$10.08	\$21.98	\$28.45	
Severe	\$7.54	\$0.45	\$7.99	\$13.91	\$1.49	\$0.00	\$0.00	\$14.32	\$29.72	\$37.71	
Standby	\$3.02	\$0.44							\$3.46		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L35CA002	249D3	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET								\$75,537	D-Off 67.1 HP 78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.04	\$0.44	\$6.48	\$10.75	\$1.15	\$0.00	\$0.00	\$10.11	\$22.01	\$28.49	
Severe	\$7.55	\$0.45	\$8.00	\$13.91	\$1.49	\$0.00	\$0.00	\$14.36	\$29.76	\$37.76	
Standby	\$3.02	\$0.44							\$3.46		

\* - 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)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L35CA003	257D	COMPACT TRACK LOADER, 0.54 CY, 66" BUCKET								\$79,704	D-Off 74.3 HP 81
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.38	\$0.46	\$6.84	\$11.90	\$1.27	\$0.00	\$0.00	\$10.66	\$23.84	\$30.68	
Severe	\$7.97	\$0.47	\$8.44	\$15.40	\$1.65	\$0.00	\$0.00	\$15.15	\$32.20	\$40.64	
Standby	\$3.19	\$0.46							\$3.65		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
L35CA004	259D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET								\$69,837	D-Off 74.3 HP 90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.59	\$0.40	\$5.99	\$11.90	\$1.27	\$0.00	\$0.00	\$9.34	\$22.52	\$28.51	
Severe	\$6.98	\$0.41	\$7.39	\$15.40	\$1.65	\$0.00	\$0.00	\$13.27	\$30.32	\$37.71	
Standby	\$2.80	\$0.40							\$3.20		

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA005	953K	LOADER, FRONT END, CRAWLER, 2.9 CY BUCKET							\$328,467	D-Off 177 HP 317
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.28	\$1.90	\$28.18	\$28.34	\$3.03	\$0.00	\$0.00	\$43.95	\$75.32	\$103.50
Severe	\$32.85	\$1.94	\$34.79	\$36.68	\$3.93	\$0.00	\$0.00	\$62.43	\$103.03	\$137.82
Standby	\$13.14	\$1.90							\$15.04	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA006	277D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$95,894	D-Off 74.3 HP 93
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.67	\$0.56	\$8.23	\$11.90	\$1.27	\$0.00	\$0.00	\$12.83	\$26.00	\$34.23
Severe	\$9.59	\$0.57	\$10.16	\$15.40	\$1.65	\$0.00	\$0.00	\$18.23	\$35.27	\$45.43
Standby	\$3.84	\$0.56							\$4.40	

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA007	973K	LOADER, FRONT END, CRAWLER, 5.50 CY BUCKET							\$611,459	D-Off 310 HP 585
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.92	\$3.54	\$52.46	\$49.64	\$5.31	\$0.00	\$0.00	\$81.81	\$136.77	\$189.23
Severe	\$61.15	\$3.62	\$64.77	\$64.24	\$6.88	\$0.00	\$0.00	\$116.21	\$187.33	\$252.10
Standby	\$24.46	\$3.54							\$28.00	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA008	279D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$87,919	D-Off 74.3 HP 99
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.03	\$0.51	\$7.54	\$11.90	\$1.27	\$0.00	\$0.00	\$11.76	\$24.94	\$32.48
Severe	\$8.79	\$0.52	\$9.31	\$15.40	\$1.65	\$0.00	\$0.00	\$16.71	\$33.76	\$43.07
Standby	\$3.52	\$0.51							\$4.03	

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA009	287D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$99,649	D-Off 74.3 HP 100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.97	\$0.58	\$8.55	\$11.90	\$1.27	\$0.00	\$0.00	\$13.33	\$26.51	\$35.06
Severe	\$9.96	\$0.59	\$10.55	\$15.40	\$1.65	\$0.00	\$0.00	\$18.94	\$35.99	\$46.54
Standby	\$3.99	\$0.58							\$4.57	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA010	289D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$94,761	D-Off 74.3 HP 107
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.58	\$0.55	\$8.13	\$11.90	\$1.27	\$0.00	\$0.00	\$12.68	\$25.85	\$33.98
Severe	\$9.48	\$0.56	\$10.04	\$15.40	\$1.65	\$0.00	\$0.00	\$18.01	\$35.06	\$45.10
Standby	\$3.79	\$0.55							\$4.34	

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA011	299D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$104,482	D-Off 98 HP 115
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.36	\$0.60	\$8.96	\$15.69	\$1.68	\$0.00	\$0.00	\$13.98	\$31.35	\$40.31
Severe	\$10.45	\$0.62	\$11.07	\$20.31	\$2.17	\$0.00	\$0.00	\$19.86	\$42.34	\$53.41
Standby	\$4.18	\$0.60							\$4.78	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L35CA014	963K	LOADER, FRONT END, CRAWLER, 3.70 CY BUCKET							\$391,772	D-Off 224 HP 448
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.34	\$2.27	\$33.61	\$35.87	\$3.84	\$0.00	\$0.00	\$52.42	\$92.13	\$125.74
Severe	\$39.18	\$2.32	\$41.50	\$46.42	\$4.97	\$0.00	\$0.00	\$74.46	\$125.85	\$167.35
Standby	\$15.67	\$2.27							\$17.94	

\* - Adjustable Elements

**Region: 8**  
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## Hourly Equipment Ownership and Operating Expense

### L35 LOADERS, FRONT END, CRAWLER TYPE

**L35 0.00 LOADERS, FRONT END, CRAWLER TYPE**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L35CA015	297 D2 XHP	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET							\$129,456	D-Off	110	HP	109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.36	\$0.75	\$11.11	\$17.62	\$1.89	\$0.00	\$0.00	\$17.32	\$36.83	\$47.94			
Severe	\$12.95	\$0.77	\$13.72	\$22.80	\$2.44	\$0.00	\$0.00	\$24.60	\$49.84	\$63.56			
Standby	\$5.18	\$0.75							\$5.93				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L35CA040	297D2	FRONT END LOADER, TRACKED, 0.54 CY, 66" WIDE BUCKET							\$113,161	D-Off	98	HP	107
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.05	\$0.66	\$9.71	\$15.69	\$1.68	\$0.00	\$0.00	\$15.14	\$32.51	\$42.22			
Severe	\$11.32	\$0.67	\$11.99	\$20.31	\$2.17	\$0.00	\$0.00	\$21.51	\$43.99	\$55.98			
Standby	\$4.53	\$0.66							\$5.19				

\* - 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
L35ME001	T550	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET							\$56,428	D-Off   68    HP      76
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.51	\$0.33	\$4.84	\$10.89	\$1.17	\$0.00	\$0.00	\$7.55	\$19.61	\$24.45
Severe	\$5.64	\$0.33	\$5.97	\$14.09	\$1.51	\$0.00	\$0.00	\$10.72	\$26.32	\$32.29
Standby	\$2.26	\$0.33							\$2.59	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
L35ME002	S590	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET							\$51,750	D-Off   68    HP      78
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.14	\$0.30	\$4.44	\$10.89	\$1.17	\$0.00	\$0.00	\$6.92	\$18.98	\$23.42
Severe	\$5.18	\$0.31	\$5.49	\$14.09	\$1.51	\$0.00	\$0.00	\$9.84	\$25.43	\$30.92
Standby	\$2.07	\$0.30							\$2.37	

\* - 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							\$60,287	D-Off	70	HP	81
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.82	\$0.35	\$5.17	\$11.21	\$1.20	\$0.00	\$0.00	\$8.07	\$20.48	\$25.65			
Severe	\$6.03	\$0.36	\$6.39	\$14.51	\$1.55	\$0.00	\$0.00	\$11.46	\$27.52	\$33.91			
Standby	\$2.41	\$0.35							\$2.76				
									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							\$65,375	D-Off	68	HP	86
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.23	\$0.38	\$5.61	\$10.89	\$1.17	\$0.00	\$0.00	\$8.75	\$20.80	\$26.41			
Severe	\$6.54	\$0.39	\$6.93	\$14.09	\$1.51	\$0.00	\$0.00	\$12.42	\$28.02	\$34.95			
Standby	\$2.62	\$0.38							\$3.00				

\* - 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									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
L35ME005	T64	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET							\$69,654	D-Off 68 HP
										88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.57	\$0.40	\$5.97	\$10.89	\$1.17	\$0.00	\$0.00	\$9.32	\$21.38	\$27.35
Severe	\$6.97	\$0.41	\$7.38	\$14.09	\$1.51	\$0.00	\$0.00	\$13.24	\$28.84	\$36.22
Standby	\$2.79	\$0.40							\$3.19	

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
L40CS004	21F	LOADER, FRONT END, WHEEL, 1.05 CY BUCKET, ARTICULATED, 4X4							\$99,315	D-Off 58 HP
										109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.82	\$0.60	\$8.42	\$8.47	\$1.00	\$0.68	\$0.11	\$8.95	\$19.20	\$27.62
Severe	\$8.27	\$0.60	\$8.87	\$11.20	\$1.32	\$2.18	\$0.35	\$10.81	\$25.86	\$34.73
Standby	\$3.91	\$0.60							\$4.51	

\* - 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					Value TEV		Engine Horsepower and Fuel Type			
Model					7/1/2019		Main			CWT
Equipment Description							Carrier			
L40CS005	121F	LOADER, FRONT END, WHEEL, 1.18 CY BUCKET, ARTICULATED, 4X4				\$105,453	D-Off	60	HP	114
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.32	\$0.63	\$8.95	\$8.76	\$1.03	\$0.68	\$0.11	\$9.51	\$20.09	\$29.04
Severe	\$8.80	\$0.64	\$9.44	\$11.59	\$1.36	\$2.18	\$0.35	\$11.49	\$26.98	\$36.42
Standby	\$4.16	\$0.63							\$4.79	

SourceTag					Value TEV		Engine Horsepower and Fuel Type			
Model					7/1/2019		Main			CWT
Equipment Description							Carrier			
L40CS012	621G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4				\$252,191	D-Off	172	HP	282
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.72	\$1.52	\$21.24	\$25.11	\$2.95	\$3.60	\$0.57	\$22.60	\$54.84	\$76.08
Severe	\$20.84	\$1.53	\$22.37	\$33.21	\$3.91	\$11.61	\$1.85	\$27.30	\$77.87	\$100.24
Standby	\$9.86	\$1.52							\$11.38	

\* - 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
									7/1/2019	Main Carrier CWT
L40CS013	721G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4							\$300,237	D-Off 195 HP 325
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.61	\$1.81	\$25.42	\$28.47	\$3.35	\$3.60	\$0.57	\$27.02	\$63.02	\$88.44
Severe	\$24.96	\$1.82	\$26.78	\$37.66	\$4.43	\$11.61	\$1.85	\$32.64	\$88.19	\$114.97
Standby	\$11.81	\$1.81							\$13.62	

SourceTag Model Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L40CS014	821G	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4							\$374,772	D-Off 230 HP 401
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.17	\$2.25	\$30.42	\$33.58	\$3.95	\$10.93	\$1.74	\$32.62	\$82.82	\$113.24
Severe	\$29.78	\$2.27	\$32.05	\$44.42	\$5.23	\$35.23	\$5.60	\$39.41	\$129.89	\$161.94
Standby	\$14.09	\$2.25							\$16.34	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS031	521G	LOADER, FRONT END, WHEEL, 2.1 CY BUCKET, ARTICULATED, 4X4							\$219,794	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	\$1.32	\$18.46	\$19.13	\$2.25	\$3.34	\$0.53	\$19.66	\$44.91	\$63.37
Severe	\$18.12	\$1.33	\$19.45	\$25.30	\$2.98	\$10.77	\$1.71	\$23.75	\$64.50	\$83.95
Standby	\$8.57	\$1.32							\$9.89	

CATERPILLAR INC. ( MACHINE DIVISION)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA001	903D	LOADER, FRONT END, WHEEL, 0.8-1.3 CY BUCKET, ARTICULATED, 4X4							\$82,905	D-Off 42 HP 94
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.72	\$0.50	\$4.22	\$6.13	\$0.72	\$13.91	\$2.21	\$5.07	\$28.04	\$32.26
Severe	\$3.93	\$0.50	\$4.43	\$8.11	\$0.95	\$44.81	\$7.12	\$6.13	\$67.13	\$71.56
Standby	\$1.86	\$0.50							\$2.36	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L40 LOADERS, FRONT END, WHEEL TYPE

**L40 0.11 ARTICULATED, 0 THRU 225 HP**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA002	926M	LOADER, FRONT END, WHEEL, 3.8 HEAPED CY BUCKET, ARTICULATED, 4X4							\$252,190	D-Off	155	HP	288
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.49	\$1.52	\$19.01	\$22.63	\$2.66	\$14.58	\$2.32	\$20.70	\$62.89	\$81.90			
Severe	\$18.49	\$1.53	\$20.02	\$29.93	\$3.52	\$46.98	\$7.47	\$25.01	\$112.91	\$132.93			
Standby	\$8.75	\$1.52							\$10.27				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA014	907M	LOADER, FRONT END, WHEEL, 1.3 HEAPED CY BUCKET, ARTICULATED, 4X4							\$123,900	D-Off	74	HP	127
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.80	\$0.75	\$10.55	\$10.80	\$1.27	\$0.73	\$0.12	\$11.20	\$24.12	\$34.67			
Severe	\$10.36	\$0.75	\$11.11	\$14.29	\$1.68	\$2.36	\$0.38	\$13.53	\$32.23	\$43.34			
Standby	\$4.90	\$0.75							\$5.65				

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA019	914	LOADER, FRONT END, WHEEL, 2.0 HEAPED CY BUCKET, ARTICULATED, 4X4							\$184,189	D-Off 111 HP 191
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.26	\$1.11	\$15.37	\$16.21	\$1.91	\$3.34	\$0.53	\$16.38	\$38.37	\$53.74
Severe	\$15.07	\$1.11	\$16.18	\$21.44	\$2.52	\$10.77	\$1.71	\$19.79	\$56.23	\$72.41
Standby	\$7.13	\$1.11							\$8.24	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA023	938M	LOADER, FRONT END, WHEEL, 3.80 CY BUCKET, ARTICULATED, 4X4							\$310,398	D-Off 190 HP 362
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.39	\$1.87	\$26.26	\$27.74	\$3.26	\$3.85	\$0.61	\$27.91	\$63.37	\$89.63
Severe	\$25.78	\$1.88	\$27.66	\$36.69	\$4.32	\$12.40	\$1.97	\$33.72	\$89.10	\$116.76
Standby	\$12.20	\$1.87							\$14.07	

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA024	950M	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4							\$366,593	D-Off 250 HP 424
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.17	\$2.21	\$30.38	\$36.50	\$4.29	\$7.66	\$1.22	\$32.43	\$82.10	\$112.48
Severe	\$29.78	\$2.22	\$32.00	\$48.28	\$5.68	\$24.69	\$3.93	\$39.18	\$121.76	\$153.76
Standby	\$14.09	\$2.21							\$16.30	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA025	962M	LOADER, FRONT END, WHEEL, 4.75 HEAPED CY BUCKET, ARTICULATED, 4X4							\$381,312	D-Off 271 HP 446
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.36	\$2.29	\$31.65	\$39.57	\$4.66	\$7.66	\$1.22	\$33.78	\$86.89	\$118.54
Severe	\$31.04	\$2.31	\$33.35	\$52.33	\$6.16	\$24.69	\$3.93	\$40.82	\$127.92	\$161.27
Standby	\$14.68	\$2.29							\$16.97	

\* - 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)											
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
L40CA033	906M	LOADER, FRONT END, WHEEL, 2.0 CY BUCKET, ARTICULATED, 4X4								\$120,552	124
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.53	\$0.73	\$10.26	\$10.80	\$1.27	\$0.73	\$0.12	\$10.89	\$23.81	\$34.07	
Severe	\$10.07	\$0.73	\$10.80	\$14.29	\$1.68	\$2.36	\$0.38	\$13.15	\$31.86	\$42.66	
Standby	\$4.77	\$0.73							\$5.50		
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
L40CA034	908M	LOADER, FRONT END, WHEEL, 1.40 CY BUCKET, ARTICULATED, 4X4								\$136,707	141
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.86	\$0.82	\$11.68	\$10.80	\$1.27	\$0.66	\$0.11	\$12.40	\$25.23	\$36.91	
Severe	\$11.48	\$0.83	\$12.31	\$14.29	\$1.68	\$2.13	\$0.34	\$14.98	\$33.42	\$45.73	
Standby	\$5.43	\$0.82							\$6.25		

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA040	930M	LOADER, FRONT END, WHEEL, 3.2 CY BUCKET, ARTICULATED, 4X4							\$272,620	D-Off 166 HP 309
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.32	\$1.64	\$22.96	\$24.24	\$2.85	\$3.85	\$0.61	\$24.43	\$55.99	\$78.95
Severe	\$22.54	\$1.65	\$24.19	\$32.06	\$3.77	\$12.40	\$1.97	\$29.52	\$79.72	\$103.91
Standby	\$10.66	\$1.64							\$12.30	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA041	910	LOADER, FRONT END, WHEEL, 1.7 CY BUCKET, ARTICULATED, 4X4							\$155,418	D-Off 102 HP 178
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.92	\$0.94	\$12.86	\$14.89	\$1.75	\$3.34	\$0.53	\$13.73	\$34.25	\$47.11
Severe	\$12.61	\$0.94	\$13.55	\$19.70	\$2.32	\$10.77	\$1.71	\$16.59	\$51.09	\$64.64
Standby	\$5.96	\$0.94							\$6.90	

\* - 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			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L40CA050			918M LOADER, FRONT END, WHEEL, 2.2 CY BUCKET, ARTICULATED, 4X4						\$187,698	D-Off 117 HP 209
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.54	\$1.13	\$15.67	\$17.08	\$2.01	\$3.34	\$0.53	\$16.70	\$39.67	\$55.34
Severe	\$15.37	\$1.14	\$16.51	\$22.59	\$2.66	\$10.77	\$1.71	\$20.18	\$57.91	\$74.42
Standby	\$7.27	\$1.13							\$8.40	

KOMATSU AMERICA INTERNATIONAL COMPANY										
SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L40KM003			WA200-8 LOADER, FRONT END, WHEEL, 2.60 CY - 3.10 HEAPED CY BUCKET, ARTICULATED, 4X4						\$182,487	D-Off 126 HP 258
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.02	\$1.10	\$15.12	\$18.40	\$2.16	\$3.85	\$0.61	\$16.14	\$41.16	\$56.28
Severe	\$14.82	\$1.10	\$15.92	\$24.33	\$2.86	\$12.40	\$1.97	\$19.50	\$61.05	\$76.97
Standby	\$7.01	\$1.10							\$8.11	

\* - 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							\$394,880	D-Off 242 HP 451
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.20	\$2.24	\$25.44	\$35.33	\$3.00	\$7.66	\$1.22	\$24.93	\$72.13	\$97.57
Severe	\$25.13	\$2.25	\$27.38	\$46.73	\$3.96	\$24.69	\$3.93	\$28.93	\$108.24	\$135.62
Standby	\$11.60	\$2.24							\$13.84	

									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							\$487,189	D-Off 296 HP 553
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.88	\$2.76	\$31.64	\$43.22	\$3.67	\$7.66	\$1.22	\$30.97	\$86.74	\$118.38
Severe	\$31.28	\$2.78	\$34.06	\$57.16	\$4.85	\$24.69	\$3.93	\$35.95	\$126.58	\$160.64
Standby	\$14.44	\$2.76							\$17.20	

\* - 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			\$517,456		D-Off 320 HP		617	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.44	\$2.93	\$33.37	\$46.72	\$3.96	\$9.72	\$1.55	\$32.70	\$94.65	\$128.02
Severe	\$32.98	\$2.95	\$35.93	\$61.80	\$5.24	\$31.31	\$4.98	\$37.96	\$141.29	\$177.22
Standby	\$15.22	\$2.93							\$18.15	

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			\$713,184		D-Off 425 HP		664	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.42	\$4.04	\$45.46	\$62.05	\$5.26	\$17.15	\$2.73	\$44.61	\$131.80	\$177.26
Severe	\$44.87	\$4.07	\$48.94	\$82.07	\$6.96	\$55.25	\$8.79	\$51.78	\$204.85	\$253.79
Standby	\$20.71	\$4.04							\$24.75	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L40 LOADERS, FRONT END, WHEEL TYPE

**L40 0.12 ARTICULATED, OVER 225 HP**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA018	990K	LOADER, FRONT END, WHEEL, 11.20 CY BUCKET, ARTICULATED, 4X4							\$1,631,080	D-Off	752	HP	1701
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$91.56	\$9.25	\$100.81	\$109.80	\$9.31	\$61.15	\$9.72	\$99.34	\$289.32	\$390.13			
Severe	\$99.19	\$9.30	\$108.49	\$145.22	\$12.31	\$197.02	\$31.33	\$115.31	\$501.19	\$609.68			
Standby	\$45.78	\$9.25							\$55.03				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA035	988K	LOADER, FRONT END, WHEEL, UP TO 11.00 CY BUCKET, ARTICULATED, 4X4							\$987,617	D-Off	580	HP	1010
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$55.80	\$5.60	\$61.40	\$84.69	\$7.18	\$34.55	\$5.49	\$60.45	\$192.37	\$253.77			
Severe	\$60.44	\$5.63	\$66.07	\$112.00	\$9.50	\$111.34	\$17.70	\$70.17	\$320.71	\$386.78			
Standby	\$27.90	\$5.60							\$33.50				

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA042	966M	LOADER, FRONT END, WHEEL, 5.5 CY BUCKET, ARTICULATED, 4X4							\$548,661	D-Off 298 HP 512
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.76	\$3.11	\$33.87	\$43.51	\$3.69	\$20.84	\$3.31	\$33.38	\$104.73	\$138.60
Severe	\$33.32	\$3.13	\$36.45	\$57.55	\$4.88	\$67.15	\$10.68	\$38.75	\$179.00	\$215.45
Standby	\$15.38	\$3.11							\$18.49	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CA051	950GC	LOADER, FRONT END, WHEEL, 4.25 CY BUCKET, ARTICULATED, 4X4							\$302,929	D-Off 243 HP 416
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.54	\$1.72	\$19.26	\$35.48	\$3.01	\$7.66	\$1.22	\$18.90	\$66.27	\$85.53
Severe	\$19.00	\$1.73	\$20.73	\$46.93	\$3.98	\$24.69	\$3.93	\$21.94	\$101.47	\$122.20
Standby	\$8.77	\$1.72							\$10.49	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L40 LOADERS, FRONT END, WHEEL TYPE

**L40 0.12 ARTICULATED, OVER 225 HP**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA052	972M	LOADER, FRONT END, WHEEL, 7 CY, BUCKET, ARTICULATED, 4X4							\$561,428	D-Off	311	HP	549
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.55	\$3.18	\$34.73	\$45.41	\$3.85	\$20.84	\$3.31	\$34.22	\$107.63	\$142.36			
Severe	\$34.17	\$3.20	\$37.37	\$60.06	\$5.09	\$67.15	\$10.68	\$39.72	\$182.70	\$220.07			
Standby	\$15.78	\$3.18							\$18.96				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA053	982M	LOADER, FRONT END, WHEEL, 9.25 HEAPED CY BUCKET, ARTICULATED, 4X4							\$716,299	D-Off	436	HP	784
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$41.08	\$4.06	\$45.14	\$63.66	\$5.40	\$20.84	\$3.31	\$44.36	\$137.58	\$182.72			
Severe	\$44.50	\$4.09	\$48.59	\$84.20	\$7.14	\$67.15	\$10.68	\$51.49	\$220.66	\$269.25			
Standby	\$20.54	\$4.06							\$24.60				

\* - 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			\$422,758		D-Off 299 HP		564	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.61	\$2.40	\$27.01	\$43.66	\$3.70	\$9.72	\$1.55	\$26.50	\$85.13	\$112.14
Severe	\$26.67	\$2.41	\$29.08	\$57.74	\$4.90	\$31.31	\$4.98	\$30.76	\$129.69	\$158.77
Standby	\$12.31	\$2.40							\$14.71	

					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			\$1,274,986		D-Off 527 HP		1190	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.50	\$7.23	\$82.73	\$76.95	\$6.53	\$20.51	\$3.26	\$81.00	\$188.25	\$270.98
Severe	\$81.80	\$7.27	\$89.07	\$101.77	\$8.63	\$66.09	\$10.51	\$94.02	\$281.02	\$370.09
Standby	\$37.75	\$7.23							\$44.98	

\* - 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							\$1,642,572	D-Off	808	HP	2304
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$96.09	\$9.31	\$105.40		\$117.98	\$10.00	\$34.62	\$5.51	\$103.35	\$271.46	\$376.86		
Severe	\$104.10	\$9.37	\$113.47		\$156.03	\$13.23	\$111.57	\$17.74	\$119.96	\$418.53	\$532.00		
Standby	\$48.05	\$9.31								\$57.36			

									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							\$305,802	D-Off	191	HP	410
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.78	\$1.73	\$19.51	\$27.89	\$2.37	\$6.74	\$1.07	\$19.15	\$57.22	\$76.73			
Severe	\$19.26	\$1.74	\$21.00	\$36.88	\$3.13	\$21.72	\$3.45	\$22.23	\$87.41	\$108.41			
Standby	\$8.89	\$1.73							\$10.62				

\* - 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							\$442,139	D-Off	272	HP	564
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$25.11	\$2.51	\$27.62		\$39.71	\$3.37	\$14.58	\$2.32	\$27.17	\$87.15	\$114.77		
Severe	\$27.20	\$2.52	\$29.72		\$52.53	\$4.45	\$46.98	\$7.47	\$31.54	\$142.98	\$172.70		
Standby	\$12.56	\$2.51								\$15.07			

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							\$109,438	D-Off	70	HP	126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.39	\$0.65	\$12.04	\$11.21	\$1.32	\$1.01	\$0.16	\$13.93	\$27.62	\$39.66			
Standby	\$5.70	\$0.65							\$6.35				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS015	321F	LOADER, FRONT END, WHEEL, 1.70 CY BUCKET, ARTICULATED, 4X4							\$120,207	D-Off 74 HP 136
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.93	\$0.72	\$12.65	\$11.85	\$1.39	\$3.20	\$0.51	\$14.73	\$31.68	\$44.33
Standby	\$5.97	\$0.72							\$6.69	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS039	SR160B	LOADER, FRONT END WHEEL, SKID-STEER, 14.1 CF, 72" BUCKET							\$52,683	D-Off 60 HP 55
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.30	\$0.31	\$5.61	\$9.61	\$1.13	\$1.16	\$0.18	\$6.52	\$18.60	\$24.21
Standby	\$2.65	\$0.31							\$2.96	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS040	SR175B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET							\$58,480	D-Off 64 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.91	\$0.35	\$6.26	\$10.25	\$1.21	\$1.16	\$0.18	\$7.27	\$20.07	\$26.33
Standby	\$2.96	\$0.35							\$3.31	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS041	SV185	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET							\$61,494	D-Off 57 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.24	\$0.37	\$6.61	\$9.13	\$1.07	\$1.16	\$0.18	\$7.66	\$19.21	\$25.82
Standby	\$3.12	\$0.37							\$3.49	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS042	SR210B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET							\$64,765	D-Off 74 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.58	\$0.39	\$6.97	\$11.85	\$1.39	\$1.16	\$0.18	\$8.09	\$22.67	\$29.64
Standby	\$3.29	\$0.39							\$3.68	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS043	SR240B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET							\$67,059	D-Off 74 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.91	\$0.40	\$7.31	\$11.85	\$1.39	\$0.85	\$0.14	\$8.47	\$22.70	\$30.01
Standby	\$3.46	\$0.40							\$3.86	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS044	SR270B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET							\$78,437	D-Off 90 HP 90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.13	\$0.47	\$8.60	\$14.41	\$1.70	\$0.85	\$0.14	\$9.95	\$27.04	\$35.64
Standby	\$4.07	\$0.47							\$4.54	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS045	SV280B	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 CY, 84" BUCKET							\$67,448	D-Off 74 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.96	\$0.40	\$7.36	\$11.85	\$1.39	\$0.85	\$0.14	\$8.52	\$22.75	\$30.11
Standby	\$3.48	\$0.40							\$3.88	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
L40CS047	SV340B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET							\$83,564	D-Off 90 HP 84
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.46	\$0.50	\$8.96	\$14.41	\$1.70	\$1.62	\$0.26	\$10.40	\$28.38	\$37.34
Standby	\$4.23	\$0.50							\$4.73	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA003	226D	LOADER, FRONT END WHEEL, SKID-STEER, 0.47 HEAPED CY, 60" BUCKET							\$42,386	D-Off	67.1	HP	57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.34	\$0.25	\$4.59	\$10.75	\$1.26	\$0.66	\$0.10	\$5.32	\$18.10	\$22.69			
Standby	\$2.17	\$0.25							\$2.42				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA004	232D	LOADER, FRONT END WHEEL, SKID-STEER, HEAPED 0.47 CY, 60" BUCKET							\$51,280	D-Off	67.1	HP	62
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.29	\$0.31	\$5.60	\$10.75	\$1.26	\$0.66	\$0.10	\$6.48	\$19.25	\$24.85			
Standby	\$2.65	\$0.31							\$2.96				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA005	236D	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET							\$57,767	D-Off	74.3	HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.98	\$0.34	\$6.32	\$11.90	\$1.40	\$0.66	\$0.10	\$7.32	\$21.38	\$27.70			
Standby	\$2.99	\$0.34							\$3.33				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA006	242D	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET							\$59,498	D-Off	74.3	HP	71
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.15	\$0.35	\$6.50	\$11.90	\$1.40	\$0.69	\$0.11	\$7.53	\$21.63	\$28.13			
Standby	\$3.08	\$0.35							\$3.43				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA008	262D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET							\$67,438	D-Off	74.3	HP	83
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.00	\$0.40	\$7.40	\$11.90	\$1.40	\$0.69	\$0.11	\$8.56	\$22.66	\$30.06			
Standby	\$3.50	\$0.40							\$3.90				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40CA010	272D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET							\$77,792	D-Off	98	HP	91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.10	\$0.46	\$8.56	\$15.69	\$1.85	\$0.69	\$0.11	\$9.91	\$28.24	\$36.80			
Standby	\$4.05	\$0.46							\$4.51				

\* - 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
									7/1/2019	Main Carrier CWT
L40CA031			246D			LOADER, FRONT END, WHEEL, SKID-STEER, 15.4 CF, 72" BUCKET, 4X4			\$52,953	D-Off 74.3 HP 74
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.45	\$0.32	\$5.77	\$11.90	\$1.40	\$0.69	\$0.11	\$6.68	\$20.78	\$26.55
Standby	\$2.73	\$0.32							\$3.05	

MELROE BOBCAT										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L40ME012			S450			LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET			\$39,325	D-Off 49 HP 54
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.87	\$0.23	\$4.10	\$7.85	\$0.92	\$1.16	\$0.18	\$4.79	\$14.90	\$19.00
Standby	\$1.94	\$0.23							\$2.17	

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
L40ME016			S70			LOADER, FRONT END, WHEEL, SKID-STEER, 7.4 HEAPED CF, 36" WIDE BUCKET, 4X4			\$24,290	D-Off 23.5 HP 28
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.49	\$0.14	\$2.63	\$3.76	\$0.44	\$0.35	\$0.05	\$3.06	\$7.66	\$10.29
Standby	\$1.25	\$0.14							\$1.39	

\* - 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
L40ME017	S510	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 CF, 62" BUCKET, 4X4							\$42,022	D-Off	55	HP	62
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.16	\$0.25	\$4.41	\$8.81	\$1.04	\$1.16	\$0.18	\$5.14	\$16.33	\$20.74			
Standby	\$2.08	\$0.25							\$2.33				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40ME021	S62	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET, 4X4							\$58,371	D-Off	68	HP	69
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.90	\$0.35	\$6.25	\$10.89	\$1.28	\$1.16	\$0.18	\$7.26	\$20.77	\$27.02			
Standby	\$2.95	\$0.35							\$3.30				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L40ME022	S64	LOADER, FRONT END, WHEEL, SKID-STEER, 20.6 CF, 74" BUCKET, 4X4							\$59,211	D-Off	68	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.08	\$0.35	\$6.43	\$10.89	\$1.28	\$0.85	\$0.14	\$7.45	\$20.61	\$27.04			
Standby	\$3.04	\$0.35							\$3.39				

\* - 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							\$59,648	D-Off	74	HP	88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.12	\$0.36	\$6.48	\$11.85	\$1.39	\$0.85	\$0.14	\$7.51	\$21.74	\$28.22			
Standby	\$3.06	\$0.36							\$3.42				

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							\$98,384	D-Off	74	HP		110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.23	\$0.59	\$7.82	\$10.80	\$1.27	\$0.49	\$0.08	\$10.02	\$22.66	\$30.48				
Severe	\$7.82	\$0.59	\$8.41	\$14.29	\$1.68	\$1.22	\$0.19	\$11.47	\$28.86	\$37.27				
Standby	\$3.62	\$0.59							\$4.21					

\* - 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)

									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							\$227,974	D-Off 142.1	HP	319
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$16.84	\$1.36	\$18.20	\$20.75	\$2.44	\$0.87	\$0.14	\$23.31	\$47.51	\$65.71		
Severe	\$18.21	\$1.37	\$19.58	\$27.44	\$3.23	\$2.17	\$0.35	\$26.68	\$59.87	\$79.45		
Standby	\$8.42	\$1.36							\$9.78			

									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							\$246,087	D-Off 142.1	HP	344
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.09	\$1.47	\$19.56	\$20.75	\$2.44	\$1.24	\$0.20	\$25.07	\$49.70	\$69.26		
Severe	\$19.55	\$1.48	\$21.03	\$27.44	\$3.23	\$3.11	\$0.49	\$28.69	\$62.97	\$84.00		
Standby	\$9.05	\$1.47							\$10.52			

\* - 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
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							\$152,464	D-Off	100	HP	220
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.10	\$0.91	\$12.01	\$14.60	\$1.72	\$1.90	\$0.30	\$15.42	\$33.93	\$45.94			
Severe	\$12.00	\$0.92	\$12.92	\$19.31	\$2.27	\$4.74	\$0.75	\$17.65	\$44.73	\$57.65			
Standby	\$5.55	\$0.91							\$6.46				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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							\$171,750	D-Off	111	HP	258
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.51	\$1.03	\$13.54	\$16.21	\$1.91	\$1.24	\$0.20	\$17.38	\$36.94	\$50.48			
Severe	\$13.53	\$1.03	\$14.56	\$21.44	\$2.52	\$3.11	\$0.49	\$19.89	\$47.46	\$62.02			
Standby	\$6.26	\$1.03							\$7.29				

\* - 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
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							\$202,682	D-Off	100	HP	262
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.86	\$1.21	\$16.07	\$14.60	\$1.72	\$1.90	\$0.30	\$20.61	\$39.13	\$55.20			
Severe	\$16.07	\$1.22	\$17.29	\$19.31	\$2.27	\$4.74	\$0.75	\$23.59	\$50.67	\$67.96			
Standby	\$7.43	\$1.21							\$8.64				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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							\$145,032	D-Off	124	HP	188
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.48	\$0.87	\$11.35	\$18.11	\$2.13	\$2.24	\$0.36	\$14.59	\$37.43	\$48.78			
Severe	\$11.33	\$0.87	\$12.20	\$23.95	\$2.82	\$5.61	\$0.89	\$16.70	\$49.96	\$62.16			
Standby	\$5.24	\$0.87							\$6.11				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$79,302	D-Off	74	HP	121
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.86	\$0.47	\$6.33	\$10.80	\$1.27	\$0.29	\$0.05	\$8.11	\$20.52	\$26.85			
Severe	\$6.34	\$0.48	\$6.82	\$14.29	\$1.68	\$0.72	\$0.11	\$9.29	\$26.09	\$32.91			
Standby	\$2.93	\$0.47							\$3.40				

									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							\$158,283	D-Off	74	HP	287
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.25	\$0.95	\$12.20	\$10.80	\$1.27	\$3.52	\$0.56	\$15.72	\$31.87	\$44.07			
Severe	\$12.16	\$0.95	\$13.11	\$14.29	\$1.68	\$8.81	\$1.40	\$17.99	\$44.17	\$57.28			
Standby	\$5.63	\$0.95							\$6.58				

\* - 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
L40JC017	509-23TC	TELEHANDLER, 9000 LB MAX LOAD, 23' MAX LIFT HEIGHT WITH 5000 LB LOAD, 12' MAX FORWARD REACH WITH 3300 LB CAPACITY							\$131,606	D-Off	74	HP	156
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.73	\$0.79	\$10.52	\$10.80	\$1.27	\$0.49	\$0.08	\$13.46	\$26.10	\$36.62			
Severe	\$10.51	\$0.79	\$11.30	\$14.29	\$1.68	\$1.22	\$0.19	\$15.41	\$32.80	\$44.10			
Standby	\$4.87	\$0.79							\$5.66				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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							\$157,922	D-Off	109	HP	240
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.02	\$0.94	\$11.96	\$15.92	\$1.87	\$4.64	\$0.74	\$15.48	\$38.65	\$50.61			
Severe	\$11.91	\$0.95	\$12.86	\$21.05	\$2.48	\$11.61	\$1.85	\$17.72	\$54.70	\$67.56			
Standby	\$5.51	\$0.94							\$6.45				

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							\$170,641	D-Off	74	HP	275
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.17	\$1.02	\$13.19	\$10.80	\$1.27	\$3.52	\$0.56	\$17.00	\$33.15	\$46.34			
Severe	\$13.16	\$1.03	\$14.19	\$14.29	\$1.68	\$8.81	\$1.40	\$19.46	\$45.64	\$59.83			
Standby	\$6.09	\$1.02							\$7.11				

									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							\$152,110	D-Off	125	HP	243
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.86	\$0.91	\$11.77	\$18.25	\$2.15	\$1.85	\$0.29	\$15.16	\$37.71	\$49.48			
Severe	\$11.74	\$0.92	\$12.66	\$24.14	\$2.84	\$4.63	\$0.74	\$17.36	\$49.71	\$62.37			
Standby	\$5.43	\$0.91							\$6.34				

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			\$153,105		D-Off 95 HP		191	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.75	\$0.92	\$12.67	\$10.74	\$5.02	\$0.81	\$0.13	\$15.36	\$32.06	\$44.73
Severe	\$18.60	\$0.97	\$19.57	\$15.21	\$7.11	\$2.73	\$0.43	\$25.83	\$51.32	\$70.89
Standby	\$5.88	\$0.92							\$6.80	

					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			\$168,243		D-Off 110 HP		206	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.80	\$1.01	\$13.81	\$12.43	\$5.81	\$1.17	\$0.19	\$16.77	\$36.37	\$50.18
Severe	\$20.27	\$1.06	\$21.33	\$17.62	\$8.24	\$3.99	\$0.63	\$28.21	\$58.70	\$80.03
Standby	\$6.40	\$1.01							\$7.41	

\* - 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	
L50CS036	580N	LOADER/BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 18' 3" DIGGING DEPTH, 4X4			\$128,787		D-Off 83 HP		158	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.66	\$0.77	\$10.43	\$9.38	\$4.38	\$1.90	\$0.30	\$12.70	\$28.67	\$39.10
Severe	\$15.30	\$0.81	\$16.11	\$13.29	\$6.21	\$6.82	\$1.09	\$21.37	\$48.78	\$64.89
Standby	\$4.83	\$0.77							\$5.60	

CATERPILLAR INC. ( MACHINE DIVISION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
L50CA001	416F2	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 13 CF, 14.3' DIGGING DEPTH, 4X4			\$129,496		D-Off 95 HP		243	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.98	\$0.78	\$10.76	\$10.74	\$5.02	\$0.61	\$0.10	\$13.03	\$29.50	\$40.26
Severe	\$15.80	\$0.82	\$16.62	\$15.21	\$7.11	\$2.17	\$0.34	\$21.92	\$46.75	\$63.37
Standby	\$4.99	\$0.78							\$5.77	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. ( MACHINE DIVISION)														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
L50CA002	420XE	LOADER/BACKHOE, WHEEL, 1.4 CY FRONT END BUCKET, 13 CF BACKHOE BUCKET, 17.5' DIGGING DEPTH, 4X4							\$164,096	D-Off	102	HP	243	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.64	\$0.99	\$13.63		\$11.53	\$5.39	\$0.77	\$0.12	\$16.50	\$34.31	\$47.94			
Severe	\$20.01	\$1.03	\$21.04		\$16.33	\$7.63	\$2.61	\$0.42	\$27.77	\$54.76	\$75.80			
Standby	\$6.32	\$0.99								\$7.31				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
L50CA003	415	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 7.3 CF, 14' DIGGING DEPTH, 4X4							\$102,611	D-Off	75	HP	243	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.79	\$0.62	\$8.41		\$8.48	\$3.96	\$0.77	\$0.12	\$10.21	\$23.54	\$31.95			
Severe	\$12.33	\$0.65	\$12.98		\$12.01	\$5.61	\$2.61	\$0.42	\$17.17	\$37.82	\$50.80			
Standby	\$3.90	\$0.62								\$4.52				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## L50 LOADERS / BACKHOE, WHEEL TYPE

**L50 0.00 LOADERS / BACKHOE, WHEEL TYPE**

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L50CA005	450	LOADER / BACKHOE, WHEEL, 1.75 CY FRONT END BUCKET, 9.5 CF, 21.1' DIGGING DEPTH, 4X4							\$227,861	D-Off	146	HP	293
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.67	\$1.37	\$19.04	\$16.50	\$7.71	\$0.77	\$0.12	\$23.04	\$48.14	\$67.18			
Severe	\$27.98	\$1.44	\$29.42	\$23.38	\$10.93	\$2.61	\$0.42	\$38.76	\$76.09	\$105.51			
Standby	\$8.84	\$1.37							\$10.21				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L50CA037	430	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4							\$160,736	D-Off	118	HP	243
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.37	\$0.96	\$13.33	\$13.34	\$6.24	\$0.77	\$0.12	\$16.16	\$36.62	\$49.95			
Severe	\$19.59	\$1.01	\$20.60	\$18.90	\$8.83	\$2.61	\$0.42	\$27.19	\$57.95	\$78.55			
Standby	\$6.19	\$0.96							\$7.15				

\* - 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	
L50CA101	440	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4	\$191,871			D-Off 118 HP			293	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.83	\$1.15	\$15.98	\$13.34	\$6.24	\$0.77	\$0.12	\$19.35	\$39.81	\$55.79
Severe	\$23.49	\$1.21	\$24.70	\$18.90	\$8.83	\$2.61	\$0.42	\$32.55	\$63.32	\$88.02
Standby	\$7.42	\$1.15							\$8.57	

JCB INC.										
SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
L50JC008	3CX14	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 14.6' DIGGING DEPTH, 4X4	\$85,077			D-Off 74 HP			154	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.35	\$0.51	\$6.86	\$8.36	\$3.91	\$0.88	\$0.14	\$8.36	\$21.64	\$28.50
Severe	\$10.05	\$0.54	\$10.59	\$11.85	\$5.54	\$2.92	\$0.46	\$14.06	\$34.83	\$45.42
Standby	\$3.18	\$0.51							\$3.69	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
L50JC010	3CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 16.3' DIGGING DEPTH, 4X4				\$101,588	D-Off	109	HP	175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.65	\$0.61	\$8.26	\$12.32	\$5.76	\$0.88	\$0.14	\$10.05	\$29.14	\$37.40
Severe	\$12.11	\$0.64	\$12.75	\$17.46	\$8.16	\$2.92	\$0.46	\$16.90	\$45.91	\$58.66
Standby	\$3.83	\$0.61							\$4.44	
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
L50JC011	4CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 20.1' DIGGING DEPTH, 4X4				\$130,734	D-Off	109	HP	187
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.85	\$0.78	\$10.63	\$12.32	\$5.76	\$1.25	\$0.20	\$12.94	\$32.47	\$43.10
Severe	\$15.60	\$0.82	\$16.42	\$17.46	\$8.16	\$4.60	\$0.73	\$21.76	\$52.72	\$69.14
Standby	\$4.93	\$0.78							\$5.71	

\* - 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
L50JC013	3CX COMPACT	COMPACT LOADER/BACKHOE, WHEEL, 0.92 CY FRONT END BUCKET, 2.1 CF, 10.1' DIGGING DEPTH							\$86,782	D-Off	74	HP	134
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.63	\$0.52	\$7.15		\$8.36	\$3.91	\$0.59	\$0.09	\$8.67	\$21.63	\$28.78		
Severe	\$10.50	\$0.55	\$11.05		\$11.85	\$5.54	\$2.18	\$0.35	\$14.59	\$34.51	\$45.56		
Standby	\$3.32	\$0.52								\$3.84			

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
L55FU001	B555	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 500 FT-LB, W/2.5" DIA CHISEL (ADD 175 CFM COMPRESSOR & LDR/BH)							\$10,638			5
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	\$0.52	\$0.00	\$0.00	\$2.16	\$2.68	\$4.17		
Standby	\$0.71	\$0.07							\$0.78			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
L55FU002 B999 LOADER / BACKHOE, ATTACHMENT, AIR RAM, 1000 FT-LB, W/ 3.5" DIA CHISEL (ADD 250 CFM COMPRESSOR & LDR/BH)									\$19,589		10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.61	\$0.12	\$2.73	\$0.00	\$1.06	\$0.00	\$0.00	\$3.98	\$5.04	\$7.77	
Standby	\$1.31	\$0.12							\$1.43		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
L55FU003 F6QT LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1,000 FT-LB, W/3" DIA. POINT (ADD 12,000-14,000 LOADER/BACKHOE)									\$16,650		7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.22	\$0.10	\$2.32	\$0.00	\$0.00	\$0.00	\$0.00	\$3.38	\$3.38	\$5.70	
Standby	\$1.11	\$0.10							\$1.21		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
L55FU004 F9QT LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1500 FT-LB, W/3.5" DIA. POINT (ADD 14,000-20,000 LOADER/BACKHOE)									\$24,563		11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.28	\$0.15	\$3.43	\$0.00	\$0.00	\$0.00	\$0.00	\$4.99	\$4.99	\$8.42	
Standby	\$1.64	\$0.15							\$1.79		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L55   LOADER / BACKHOE, ATTACHMENTS

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
L60JD001	540G III	LOG SKIDDER, CABLE, 38,000 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4							\$210,591	D-Off	119	HP	228
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.47	\$1.18	\$17.65	\$17.38	\$2.19	\$4.57	\$0.73	\$17.09	\$41.97	\$59.62			
Severe	\$20.59	\$1.21	\$21.80	\$22.98	\$2.90	\$13.96	\$2.22	\$24.42	\$66.48	\$88.28			
Standby	\$8.24	\$1.18							\$9.42				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
L60JD002	640H	LOG SKIDDER, CABLE, 48,867 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4							\$273,324	D-Off	151	HP	239
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$21.80	\$1.53	\$23.33	\$22.05	\$2.78	\$4.57	\$0.73	\$22.55	\$52.69	\$76.02			
Severe	\$27.25	\$1.57	\$28.82	\$29.16	\$3.68	\$13.96	\$2.22	\$32.22	\$81.24	\$110.06			
Standby	\$10.90	\$1.53							\$12.43				

\* - 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							\$205,433	D-Off	119	HP		217
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$16.74	\$1.15	\$17.89		\$17.38	\$2.19	\$2.33	\$0.37	\$17.25	\$39.52		\$57.41		
Severe	\$20.92	\$1.18	\$22.10		\$22.98	\$2.90	\$7.10	\$1.13	\$24.65	\$58.75		\$80.85		
Standby	\$8.37	\$1.15								\$9.52				

									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							\$294,236	D-Off	160	HP		266
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$23.58	\$1.65	\$25.23		\$23.36	\$2.95	\$4.57	\$0.73	\$24.37	\$55.98		\$81.21		
Severe	\$29.48	\$1.69	\$31.17		\$30.90	\$3.90	\$13.96	\$2.22	\$34.82	\$85.80		\$116.97		
Standby	\$11.79	\$1.65								\$13.44				

\* - 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			\$264,892		D-Off 170 HP		320	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.09	\$1.48	\$22.57	\$24.82	\$3.13	\$4.57	\$0.73	\$21.82	\$55.07	\$77.64
Severe	\$26.36	\$1.52	\$27.88	\$32.83	\$4.14	\$13.96	\$2.22	\$31.17	\$84.33	\$112.21
Standby	\$10.55	\$1.48							\$12.03	

					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			\$269,188		D-Off 200 HP		323	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.45	\$1.51	\$22.96	\$29.20	\$3.68	\$4.57	\$0.73	\$22.19	\$60.38	\$83.34
Severe	\$26.82	\$1.55	\$28.37	\$38.62	\$4.87	\$13.96	\$2.22	\$31.70	\$91.38	\$119.75
Standby	\$10.73	\$1.51							\$12.24	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10MZ001	BARGE 40'x8'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 8' X 4', 23 TON							\$58,306			143
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.75	\$0.34	\$9.09		\$0.00	\$0.00	\$0.00	\$0.00	\$5.69	\$5.69	\$14.78	
Standby	\$4.38	\$0.34								\$4.72		

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10MZ003	BARGE 40'x10'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 10' X 4', 30 TON							\$68,385			173
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.26	\$0.40	\$10.66		\$0.00	\$0.00	\$0.00	\$0.00	\$6.67	\$6.67	\$17.33	
Standby	\$5.13	\$0.40								\$5.53		

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10MZ005	BARGE 40'x12'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY', 40' X 12' X 4', 36 TON							\$77,878			193
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.68	\$0.45	\$12.13		\$0.00	\$0.00	\$0.00	\$0.00	\$7.60	\$7.60	\$19.73	
Standby	\$5.84	\$0.45								\$6.29		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
M10MZ007	BARGE 40'x12'x5'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 12' X 5', 51 TON							\$84,832		217
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$12.72	\$0.49	\$13.21	\$0.00	\$0.00	\$0.00	\$0.00	\$8.28	\$8.28	\$21.49	
Standby	\$6.36	\$0.49							\$6.85		

NO SPECIFIC MANUFACTURER											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
M10XX003	20-10-7	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 20' X 10' X 7'							\$33,316		90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.00	\$0.19	\$5.19	\$0.00	\$0.00	\$0.00	\$0.00	\$3.25	\$3.25	\$8.44	
Standby	\$2.50	\$0.19							\$2.69		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## M10 MARINE EQUIPMENT (NON DREDGING)

**M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)**

[illegible]

\* - 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

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10XX005	120-30-7	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 120' X 30' X 7', 480 TON							\$303,967			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.21	\$1.42	\$4.63	\$0.00	\$0.00	\$0.00	\$0.00	\$2.37	\$2.37	\$7.00		
Standby	\$1.61	\$1.42							\$3.03			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10XX007	140-45-9	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 140' X 45' X 9', 1,255 TON							\$354,618			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.74	\$1.66	\$5.40	\$0.00	\$0.00	\$0.00	\$0.00	\$2.77	\$2.77	\$8.17		
Standby	\$1.87	\$1.66							\$3.53			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
M10XX008	150-45-10	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 150' X 40' X 10', 1,240 TON							\$759,828			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.02	\$3.56	\$11.58	\$0.00	\$0.00	\$0.00	\$0.00	\$5.93	\$5.93	\$17.51		
Standby	\$4.01	\$3.56							\$7.57			

\* - 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							\$597,745			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.93	\$2.88	\$21.81	\$0.00	\$0.00	\$0.00	\$0.00	\$16.34	\$16.34	\$38.15		
Standby	\$9.47	\$2.88							\$12.35			

									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							\$597,745			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.93	\$2.88	\$21.81	\$0.00	\$0.00	\$0.00	\$0.00	\$16.34	\$16.34	\$38.15		
Standby	\$9.47	\$2.88							\$12.35			

									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)							\$633,201			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$20.05	\$3.05	\$23.10	\$0.00	\$0.00	\$0.00	\$0.00	\$17.31	\$17.31	\$40.41		
Standby	\$10.03	\$3.05							\$13.08			

\* - 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)							\$633,201			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$20.05	\$3.05	\$23.10	\$0.00	\$0.00	\$0.00	\$0.00	\$17.31	\$17.31	\$40.41		
Standby	\$10.03	\$3.05							\$13.08			

									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							\$106,889			1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.38	\$0.51	\$3.89	\$0.00	\$0.00	\$0.00	\$0.00	\$2.92	\$2.92	\$6.81		
Standby	\$1.69	\$0.51							\$2.20			

\* - 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	
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			\$179,728					1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.69	\$0.87	\$6.56	\$0.00	\$0.00	\$0.00	\$0.00	\$4.91	\$4.91	\$11.47
Standby	\$2.85	\$0.87							\$3.72	

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	
M10MZ010	COLT	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 20.25' X 8' X 3.5'			\$116,518		D-Off	135 HP	95	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.19	\$0.63	\$6.82	\$19.71	\$3.36	\$0.00	\$0.00	\$5.97	\$29.04	\$35.86
Severe	\$7.62	\$0.64	\$8.26	\$26.07	\$4.45	\$0.00	\$0.00	\$7.87	\$38.39	\$46.65
Standby	\$3.10	\$0.63							\$3.73	

\* - 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'							\$156,633	D-Off	200	HP	180
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.32	\$0.85	\$9.17	\$29.20	\$4.98	\$0.00	\$0.00	\$8.03	\$42.21	\$51.38			
Severe	\$10.24	\$0.86	\$11.10	\$38.62	\$6.59	\$0.00	\$0.00	\$10.58	\$55.80	\$66.90			
Standby	\$4.16	\$0.85							\$5.01				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
M10MZ014	CLYDESDALE	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 14' X 5'							\$249,079	D-Off	600	HP	380
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.23	\$1.34	\$14.57	\$87.61	\$14.95	\$0.00	\$0.00	\$12.76	\$115.33	\$129.90			
Severe	\$16.29	\$1.36	\$17.65	\$115.87	\$19.77	\$0.00	\$0.00	\$16.83	\$152.48	\$170.13			
Standby	\$6.62	\$1.34							\$7.96				

\* - 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
M10M5001	19-8	MARINE EQUIPMENT, BOATS & LAUNCHES, 19' UTILITY, ROOF COVERING, 8' BEAM, SINGLE 115 HP OUTBOARD MOTOR							\$66,188	Gas 115 HP 31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.52	\$0.36	\$3.88	\$31.35	\$4.52	\$0.00	\$0.00	\$3.39	\$39.26	\$43.14
Severe	\$4.33	\$0.36	\$4.69	\$40.91	\$5.90	\$0.00	\$0.00	\$4.47	\$51.28	\$55.97
Standby	\$1.76	\$0.36							\$2.12	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
M10M5002	21-22	MARINE EQUIPMENT, BOATS & LAUNCHES, 21' UTILITY, ROOF COVERING, 8.5' BEAM, SINGLE 150 HP OUTBOARD MOTOR							\$76,326	Gas 150 HP 35
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.05	\$0.41	\$4.46	\$40.89	\$5.89	\$0.00	\$0.00	\$3.91	\$50.70	\$55.16
Severe	\$4.99	\$0.42	\$5.41	\$53.36	\$7.69	\$0.00	\$0.00	\$5.16	\$66.21	\$71.62
Standby	\$2.03	\$0.41							\$2.44	

\* - 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			\$91,474		Gas	230 HP	40	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.86	\$0.49	\$5.35	\$62.69	\$9.04	\$0.00	\$0.00	\$4.69	\$76.41	\$81.76
Severe	\$5.98	\$0.50	\$6.48	\$81.82	\$11.80	\$0.00	\$0.00	\$6.18	\$99.80	\$106.28
Standby	\$2.43	\$0.49							\$2.92	

NO SPECIFIC MANUFACTURER										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
M10XX009	17' RUNABOUT	MARINE EQUIPMENT, BOATS & LAUNCHES, 17' RUNABOUT, 6' BEAM, OUTBOARD ENGINE			\$30,500		Gas	90 HP	15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.62	\$0.16	\$1.78	\$24.53	\$3.54	\$0.00	\$0.00	\$1.56	\$29.63	\$31.41
Severe	\$1.99	\$0.17	\$2.16	\$32.02	\$4.62	\$0.00	\$0.00	\$2.06	\$38.70	\$40.86
Standby	\$0.81	\$0.16							\$0.97	

\* - 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							\$9,521	Gas	10	HP	10
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.51	\$0.05	\$0.56		\$2.73	\$0.39	\$0.00	\$0.00	\$0.49	\$3.61	\$4.17		
Severe	\$0.62	\$0.05	\$0.67		\$3.56	\$0.51	\$0.00	\$0.00	\$0.64	\$4.72	\$5.39		
Standby	\$0.26	\$0.05								\$0.31			

									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							\$50,141	Gas	300	HP	27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.66	\$0.27	\$2.93	\$81.77	\$11.79	\$0.00	\$0.00	\$2.57	\$96.13	\$99.06			
Severe	\$3.28	\$0.27	\$3.55	\$106.72	\$15.38	\$0.00	\$0.00	\$3.39	\$125.49	\$129.04			
Standby	\$1.33	\$0.27							\$1.60				

\* - 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
M10XX051	15' ALUMINUM BOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 15' LENGTH, OUTBOARD MOTOR							\$11,171	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	\$6.81	\$0.98	\$0.00	\$0.00	\$0.57	\$8.36	\$9.01			
Severe	\$0.73	\$0.06	\$0.79	\$8.89	\$1.28	\$0.00	\$0.00	\$0.75	\$10.93	\$11.72			
Standby	\$0.30	\$0.06							\$0.36				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
M10XX052	20' SKIFF	MARINE EQUIPMENT, BOATS & LAUNCHES, 20' LENGTH, OUTBOARD MOTOR							\$21,739	Gas	90	HP	13
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.15	\$0.12	\$1.27	\$24.53	\$3.54	\$0.00	\$0.00	\$1.11	\$29.18	\$30.45			
Severe	\$1.42	\$0.12	\$1.54	\$32.02	\$4.62	\$0.00	\$0.00	\$1.47	\$38.11	\$39.65			
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										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			
Model					7/1/2019		Main			CWT
Equipment Description							Carrier			
M10MZ013	STALLION	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 12' X 4'				\$225,398	D-Off	400	HP	300
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.27	\$1.16	\$12.43	\$58.40	\$9.97	\$0.00	\$0.00	\$11.73	\$80.10	\$92.53
Severe	\$13.52	\$1.18	\$14.70	\$77.24	\$13.18	\$0.00	\$0.00	\$14.96	\$105.38	\$120.08
Standby	\$5.64	\$1.16							\$6.80	

NO SPECIFIC MANUFACTURER										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			
Model					7/1/2019		Main			CWT
Equipment Description							Carrier			
M10XX022	500	MARINE EQUIPMENT, BOATS & LAUNCHES, 50' LENGTH, 16' BEAM, 5' 0" DRAFT, PUSH BOAT				\$613,674	D-Off	750	HP	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.68	\$3.16	\$33.84	\$109.51	\$18.69	\$0.00	\$0.00	\$31.95	\$160.15	\$193.99
Severe	\$36.82	\$3.20	\$40.02	\$144.83	\$24.72	\$0.00	\$0.00	\$40.73	\$210.28	\$250.30
Standby	\$15.34	\$3.16							\$18.50	

\* - 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							\$3,044,940	D-Off 710 HP 100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$152.25	\$15.70	\$167.95	\$103.67	\$17.69	\$0.00	\$0.00	\$158.51	\$279.88	\$447.83
Severe	\$182.70	\$15.90	\$198.60	\$137.11	\$23.40	\$0.00	\$0.00	\$202.10	\$362.61	\$561.21
Standby	\$76.13	\$15.70							\$91.83	
									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							\$1,729,762	D-Off 2100 HP 130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$86.49	\$8.92	\$95.41	\$306.62	\$52.33	\$0.00	\$0.00	\$90.05	\$449.00	\$544.41
Severe	\$103.79	\$9.03	\$112.82	\$405.53	\$69.21	\$0.00	\$0.00	\$114.81	\$589.55	\$702.37
Standby	\$43.25	\$8.92							\$52.17	

\* - 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							\$217,276	D-Off	400	HP	380	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.86	\$1.12	\$11.98		\$58.40	\$9.97	\$0.00	\$0.00	\$11.31	\$79.68	\$91.66			
Severe	\$13.04	\$1.13	\$14.17		\$77.24	\$13.18	\$0.00	\$0.00	\$14.42	\$104.84	\$119.01			
Standby	\$5.43	\$1.12								\$6.55				

									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							\$240,841	D-Off	600	HP	430	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.04	\$1.24	\$13.28		\$87.61	\$14.95	\$0.00	\$0.00	\$12.54	\$115.10	\$128.38			
Severe	\$14.45	\$1.26	\$15.71		\$115.87	\$19.77	\$0.00	\$0.00	\$15.99	\$151.63	\$167.34			
Standby	\$6.02	\$1.24								\$7.26				

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	CWT
M10XX037	28' - 300 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 28' LENGTH, 9.5' BEAM, ENCLOSED CABIN, OUTBOARD ENGINE							\$83,581	1
									Gas 300 HP	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.43	\$4.61	\$81.77	\$11.79	\$0.00	\$0.00	\$4.35	\$97.91	\$102.52
Severe	\$5.01	\$0.44	\$5.45	\$106.72	\$15.38	\$0.00	\$0.00	\$5.55	\$127.65	\$133.10
Standby	\$2.09	\$0.43							\$2.52	

									Value TEV	
									Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	CWT
M10XX038	34' - 500 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 34' LENGTH, ENCLOSED CABIN, OUTBOARD ENGINE							\$184,584	1
									Gas 500 HP	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.23	\$0.95	\$10.18	\$136.29	\$19.65	\$0.00	\$0.00	\$9.61	\$165.55	\$175.73
Severe	\$11.08	\$0.96	\$12.04	\$177.87	\$25.64	\$0.00	\$0.00	\$12.25	\$215.76	\$227.80
Standby	\$4.62	\$0.95							\$5.57	

\* - 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
M10XX039	35' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 35' LENGTH, 16' BEAM, 6' DRAFT, PUSH BOAT, INBOARD ENGINES							\$360,012	D-Off 600 HP 500
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.00	\$1.86	\$19.86	\$87.61	\$14.95	\$0.00	\$0.00	\$18.74	\$121.30	\$141.16
Severe	\$21.60	\$1.88	\$23.48	\$115.87	\$19.77	\$0.00	\$0.00	\$23.90	\$159.54	\$183.02
Standby	\$9.00	\$1.86							\$10.86	

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
M10XX013	250 HD	MARINE EQUIPMENT, BOATS & LAUNCHES, 25', SHALLOW DRAFT, INLAND TUG, HEAVY DUTY							\$264,735	D-Off 660 HP 23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.96	\$1.32	\$7.28	\$90.15	\$15.38	\$0.00	\$0.00	\$6.98	\$112.51	\$119.79
Standby	\$2.98	\$1.32							\$4.30	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
M10XX015	250	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' X 14', INLAND TUG							\$197,337	D-Off	305	HP	83
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.44	\$0.98	\$5.42		\$41.66	\$7.11	\$0.00	\$0.00	\$5.20	\$53.97	\$59.39		
Standby	\$2.22	\$0.98								\$3.20			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
M10XX021	390	MARINE EQUIPMENT, BOATS & LAUNCHES, 39', STANDARD RUDDER, INLAND TUG							\$714,977	D-Off	380	HP	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.09	\$3.56	\$19.65	\$51.90	\$8.86	\$0.00	\$0.00	\$18.84	\$79.60	\$99.25			
Standby	\$8.05	\$3.56							\$11.61				

\* - 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
P10HS006	1' L SWING LEAD 8X21	8" X 21" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT								\$393	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	\$0.06	\$0.06	\$0.10	
Standby	\$0.02	\$0.00							\$0.02		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P10HS007	1' L SWING LEAD 8X27	8" X 27" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT								\$403	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	\$0.07	\$0.07	\$0.11	
Standby	\$0.02	\$0.00							\$0.02		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P10HS008	1' L SWING LEAD 8X32	8" X 32" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT								\$490	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	\$0.08	\$0.08	\$0.13	
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									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P10HS009 1' L SWING LEAD 8X42 8" X 42" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT									\$611		3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.07	\$0.00	\$0.07	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10	\$0.10	\$0.17	
Standby	\$0.04	\$0.00							\$0.04		

SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P10HS010 21" PRIMARY CAP 21" PILE CAP WITH CUSHION & STRIKER PLATE									\$2,959		10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$0.32	\$0.02	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.82	
Standby	\$0.16	\$0.02							\$0.18		

\* - 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
P10HS011	27" PRIMARY CAP	27" PILE CAP WITH CUSHION & STRIKER PLATE							\$4,796		12	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.52	\$0.03	\$0.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.78	\$0.78	\$1.33		
Standby	\$0.26	\$0.03							\$0.29			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P10HS012	32" PRIMARY CAP	32" PILE CAP WITH CUSHION & STRIKER PLATE							\$7,189		14	
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	\$1.17	\$1.17	\$2.00		
Standby	\$0.39	\$0.05							\$0.44			

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
P10HS013	43" PRIMARY CAP	43" PILE CAP WITH CUSHION & STRIKER PLATE							\$9,579			18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.04	\$0.06	\$1.10	\$0.00	\$0.00	\$0.00	\$0.00	\$1.56	\$1.56	\$2.66		
Standby	\$0.52	\$0.06							\$0.58			

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P10IC010	SWING 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 26" X 84'							\$34,297			101
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.72	\$0.23	\$3.95	\$0.00	\$0.00	\$0.00	\$0.00	\$5.57	\$5.57	\$9.52		
Standby	\$1.86	\$0.23							\$2.09			

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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)							\$121,748	D-Off	51	HP	134
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.19	\$0.81	\$14.00	\$7.45	\$1.07	\$0.00	\$0.00	\$19.78	\$28.31	\$42.31			
Standby	\$6.60	\$0.81							\$7.41				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P10IC012	SWING 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 32" X 84'							\$50,793				155
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.50	\$0.34	\$5.84	\$0.00	\$0.00	\$0.00	\$0.00	\$8.25	\$8.25	\$14.09			
Standby	\$2.75	\$0.34							\$3.09				

\* - 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										
			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier			CWT	
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)	\$146,743		D-Off	51	HP		193	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.90	\$0.97	\$16.87	\$7.45	\$1.07	\$0.00	\$0.00	\$23.84	\$32.37	\$49.24
Standby	\$7.95	\$0.97							\$8.92	

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	
P25DL001	D6-42	PILE HAMMER, SINGLE ACTING, DIESEL, 10,500 FT-LBS (ADD LEADS & CRANE)	\$27,740		D-Off	21	HP		36	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.70	\$0.17	\$3.87	\$3.07	\$2.34	\$0.00	\$0.00	\$5.63	\$11.05	\$14.92
Standby	\$1.85	\$0.17							\$2.02	

\* - 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
P25DL003	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,320 FT-LBS (ADD LEADS & CRANE)								\$36,368	D-Off 54 HP
											CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.85	\$0.22	\$5.07	\$7.88	\$3.54	\$0.00	\$0.00	\$7.39	\$18.80	\$23.87	
Standby	\$2.43	\$0.22							\$2.65		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P25DL004	D19-42	PILE HAMMER, SINGLE ACTING, DIESEL, 42,800 FT-LBS (ADD LEADS & CRANE)								\$41,913	D-Off 68 HP
											CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.59	\$0.26	\$5.85	\$9.93	\$5.03	\$0.00	\$0.00	\$8.51	\$23.47	\$29.32	
Standby	\$2.80	\$0.26							\$3.06		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P25DL005	D25-32	PILE HAMMER, SINGLE ACTING, DIESEL, 58,248 FT-LBS (ADD LEADS & CRANE)								\$71,473	D-Off 105 HP
											CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.53	\$0.44	\$9.97	\$15.33	\$7.51	\$0.00	\$0.00	\$14.52	\$37.36	\$47.33	
Standby	\$4.77	\$0.44							\$5.21		

\* - 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)							\$73,175	D-Off	119	HP	135
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.76	\$0.45	\$10.21	\$17.38	\$9.11	\$0.00	\$0.00	\$14.86	\$41.35	\$51.56			
Standby	\$4.88	\$0.45							\$5.33				

									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)							\$92,602	D-Off	196	HP	196
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.35	\$0.57	\$12.92	\$28.62	\$9.43	\$0.00	\$0.00	\$18.81	\$56.85	\$69.77			
Standby	\$6.18	\$0.57							\$6.75				

									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)							\$132,880	D-Off	249	HP	270
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$17.72	\$0.82	\$18.54	\$36.36	\$11.84	\$0.00	\$0.00	\$26.99	\$75.19	\$93.73			
Standby	\$8.86	\$0.82							\$9.68				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## P25 PILE HAMMERS, SINGLE ACTING

**P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

MKT MANUFACTURING, INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P25MK001	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,335 FT-LBS (ADD LEADS & CRANE)							\$33,713	D-Off 39 HP 52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.50	\$0.21	\$4.71	\$5.69	\$0.82	\$0.00	\$0.00	\$6.85	\$13.36	\$18.07
Standby	\$2.25	\$0.21							\$2.46	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P25MK002	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 162,000 FT-LBS (ADD LEADS & CRANE)							\$130,745	D-Off 171 HP 321
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.43	\$0.80	\$18.23	\$24.97	\$3.60	\$0.00	\$0.00	\$26.55	\$55.12	\$73.35
Standby	\$8.72	\$0.80							\$9.52	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P25MK003	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,937 FT-LBS (ADD LEADS & CRANE)							\$63,732	D-Off 85 HP 160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.50	\$0.39	\$8.89	\$12.41	\$1.79	\$0.00	\$0.00	\$12.94	\$27.14	\$36.03
Standby	\$4.25	\$0.39							\$4.64	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## P25 PILE HAMMERS, SINGLE ACTING

**P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL**

**MKT MANUFACTURING, INC.**

[illegible]

**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
P25VU002	306	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 18,000 FT-LBS (ADD 750 CFM COMPRESSOR, LEADS & CRANE)							\$71,310	Air	750	CFM	121
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.10	\$0.43	\$10.53	\$0.00	\$2.50	\$0.00	\$0.00	\$14.48	\$16.98	\$27.51			
Standby	\$5.05	\$0.43							\$5.48				

\* - 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
									7/1/2019	Main
										Carrier
										CWT
P25VU003			505			PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 25,000 FT-LBS (ADD 600 CFM COMPRESSOR, LEADS & CRANE)			\$86,692	Air 600 CFM
										127
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$12.28	\$0.52	\$12.80		\$0.00	\$2.50	\$0.00	\$0.00	\$17.61	\$20.11 \$32.91
Standby	\$6.14	\$0.52								\$6.66
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
P25VU004			506			PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 32,500 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)			\$89,048	Air 900 CFM
										140
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$12.62	\$0.53	\$13.15		\$0.00	\$2.50	\$0.00	\$0.00	\$18.09	\$20.59 \$33.74
Standby	\$6.31	\$0.53								\$6.84
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
P25VU005			508			PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 40,000 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)			\$120,235	Air 900 CFM
										202
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$17.03	\$0.72	\$17.75		\$0.00	\$2.50	\$0.00	\$0.00	\$24.42	\$26.92 \$44.67
Standby	\$8.52	\$0.72								\$9.24

\* - 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, PNUEMATIC (STEAM/AIR), 50,000 FT-LBS (ADD 1,050 CFM COMPRESSOR, LEADS & CRANE)			\$124,367	Air	1050	CFM		222
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.62	\$0.74	\$18.36	\$0.00	\$0.95	\$0.00	\$0.00	\$25.26	\$26.21	\$44.57
Standby	\$8.81	\$0.74							\$9.55	

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description			7/1/2019	Main		Carrier		CWT
P25VU011	512	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 60,000 FT-LBS (ADD 1,200 CFM COMPRESSOR, LEADS & CRANE)			\$123,004	Air	1200	CFM		242
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.43	\$0.73	\$18.16	\$0.00	\$1.17	\$0.00	\$0.00	\$24.98	\$26.15	\$44.31
Standby	\$8.72	\$0.73							\$9.45	

\* - 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
P30HS001	44 HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 180 TON DRIVE FORCE, MAX LINE PULL OF 86 TONS								\$399,569	D-Off 575 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$53.28	\$2.45	\$55.73	\$83.96	\$12.10	\$0.00	\$0.00	\$81.15	\$177.21	\$232.94	
Standby	\$26.64	\$2.45							\$29.09		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P30HS002	HVR100	EXCAVATOR MOUNTED VIBRATORY HAMMER, 56 TON DRIVING FORCE, ADD 235HP - 300HP EXCAVATOR								\$78,544	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$10.47	\$0.48	\$10.95	\$0.00	\$0.00	\$0.00	\$0.00	\$15.95	\$15.95	\$26.90	
Standby	\$5.24	\$0.48							\$5.72		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P30HS003	58HS	CRANE SUSPENDED VIBRATORY HAMMER/EXTRACTOR, 199 TON DRIVE FORCE, MAX LINE PULL OF 70 TONS								\$303,579	D-Off 595 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$40.48	\$1.86	\$42.34	\$86.88	\$12.52	\$0.00	\$0.00	\$61.66	\$161.06	\$203.40	
Standby	\$20.24	\$1.86							\$22.10		

\* - 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									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P30HS004 HVR60 EXCAVATOR MOUNTED VIBRATORY HAMMER, 45 TON DRIVING FORCE, ADD 130HP - 235HP EXCAVATOR									\$50,288		30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.71	\$0.31	\$7.02	\$0.00	\$0.00	\$0.00	\$0.00	\$10.21	\$10.21	\$17.23	
Standby	\$3.36	\$0.31							\$3.67		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P30HS005 HVR85 EXCAVATOR MOUNTED VIBRATORY HAMMER, 55 TON DRIVING FORCE, ADD 175HP - 300HP EXCAVATOR									\$74,611		50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.95	\$0.46	\$10.41	\$0.00	\$0.00	\$0.00	\$0.00	\$15.15	\$15.15	\$25.56	
Standby	\$4.98	\$0.46							\$5.44		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P30HS014 15HS CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 58 TON DRIVE FORCE, MAX LINE PULL OF 35 TONS									\$138,094	D-Off 215 HP	125
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$18.41	\$0.85	\$19.26	\$31.39	\$4.53	\$0.00	\$0.00	\$28.05	\$63.96	\$83.22	
Standby	\$9.21	\$0.85							\$10.06		

\* - 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							\$303,315	D-Off	350	HP		217
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$40.44	\$1.86	\$42.30		\$51.10	\$7.37	\$0.00	\$0.00	\$61.60	\$120.07		\$162.37		
Standby	\$20.22	\$1.86								\$22.08				

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)							\$236,444	D-Off	350	HP	105
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.53	\$1.45	\$32.98	\$51.10	\$7.37	\$0.00	\$0.00	\$48.02	\$106.49	\$139.47			
Standby	\$15.77	\$1.45							\$17.22				

\* - 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
P30MK001	V5E W/ HP185	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 53 TON FORCE DRIVE (ADD CRANE)								\$159,741	D-Off 185 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$21.30	\$0.98	\$22.28	\$27.01	\$3.89	\$0.00	\$0.00	\$32.44	\$63.35	\$85.63	
Standby	\$10.65	\$0.98							\$11.63		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P30MK002	V2E W/ HP85	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 25 TON FORCE DRIVE (ADD CRANE)								\$93,500	D-Off 85 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$12.47	\$0.57	\$13.04	\$12.41	\$1.79	\$0.00	\$0.00	\$18.99	\$33.19	\$46.23	
Standby	\$6.24	\$0.57							\$6.81		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
P30MK003	V22 W/ HP365	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 100 TON FORCE DRIVE (ADD CRANE)								\$239,490	D-Off 365 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$31.93	\$1.47	\$33.40	\$53.29	\$7.68	\$0.00	\$0.00	\$48.64	\$109.61	\$143.01	
Standby	\$15.97	\$1.47							\$17.44		

\* - 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)							\$396,537	D-Off	700	HP		340
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$52.87	\$2.43	\$55.30		\$102.21	\$14.73	\$0.00	\$0.00	\$80.54	\$197.48		\$252.78		
Standby	\$26.44	\$2.43								\$28.87				

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							\$823,728	D-Off	319	HP	859
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$47.07	\$4.65	\$51.72		\$25.54	\$4.60	\$0.00	\$0.00	\$67.99	\$98.13	\$149.85		
Severe	\$57.30	\$4.71	\$62.01		\$33.05	\$5.96	\$0.00	\$0.00	\$95.84	\$134.84	\$196.85		
Standby	\$23.54	\$4.65								\$28.19			

\* - 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			\$978,085		D-Off	323	HP	906
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.89	\$5.52	\$61.41	\$25.86	\$4.66	\$0.00	\$0.00	\$80.73	\$111.25	\$172.66
Severe	\$68.04	\$5.60	\$73.64	\$33.47	\$6.03	\$0.00	\$0.00	\$113.80	\$153.30	\$226.94
Standby	\$27.95	\$5.52							\$33.47	

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			\$210,141		D-On	300	HP	330
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.12	\$1.17	\$24.29	\$40.54	\$5.11	\$0.78	\$0.12	\$24.56	\$71.11	\$95.40
Standby	\$11.56	\$1.17							\$12.73	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## 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
P40XX027	HR37M	MAN-LIFT, LINE-TRUCK, W/ 800 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 40' MAX WORKING HEIGHT. MOUNTED ON CHEVY 5500 4X4							\$123,583	D-On	300	HP	150
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$13.65	\$0.69	\$14.34		\$40.54	\$5.11	\$0.40	\$0.06	\$14.49	\$60.60		\$74.94	
Standby	\$6.83	\$0.69								\$7.52			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P40XX028	LT40	MAN-LIFT, LINE-TRUCK, W/ 800 LB MATERIAL HANDLER, SINGLE MAN BUCKET W/ 40' MAX WORKING HEIGHT. MOUNTED ON RAM 5500 4X4							\$116,677	D-On	360	HP	150
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$12.88	\$0.65	\$13.53		\$48.64	\$6.14	\$0.40	\$0.06	\$13.67	\$68.90		\$82.43	
Standby	\$6.44	\$0.65								\$7.09			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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	
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		\$203,753		D-On	300	HP	450	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.53	\$1.13	\$23.66	\$40.54	\$5.11	\$0.61	\$0.10	\$23.91	\$70.27	\$93.93
Standby	\$11.27	\$1.13							\$12.40	

				Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description		7/1/2019		Main	Carrier		CWT	
P40XX064	F550 BUCKET TRUCK	LINETRUCK, F550 WITH VERSALIFT TRUGUARD 2.0, 1000 LB CAPACITY, TOOL BOX BODY		\$135,809		D-On	330	HP	195	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.03	\$0.76	\$15.79	\$44.59	\$5.62	\$0.38	\$0.06	\$15.95	\$66.60	\$82.39
Standby	\$7.52	\$0.76							\$8.28	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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							\$24,276	Elec 1.07 HP 21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.73	\$0.14	\$2.87	\$0.05	\$0.08	\$0.00	\$0.00	\$2.89	\$3.02	\$5.89
Standby	\$1.37	\$0.14							\$1.51	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P40TE018	Z-45 XC	MAN-LIFT, ARTICULATED BOOM, 52' WORKING HEIGHT, 500 LBS, 24' REACH, 4X4, SELF PROPELLED, 2.5' X 6' PLATFORM							\$140,039	D-Off 48 HP 134
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.16	\$0.78	\$15.94	\$5.43	\$0.68	\$1.46	\$0.23	\$16.13	\$23.94	\$39.88
Standby	\$7.58	\$0.78							\$8.36	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P40TE019	S-80XC	MAN-LIFT, STRAIGHT BOOM, 86' WORKING HEIGHT, 500 LBS, 71.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM							\$273,405	D-Off 58 HP 355
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$30.57	\$1.52	\$32.09	\$6.56	\$0.83	\$0.30	\$0.05	\$32.41	\$40.14	\$72.23
Standby	\$15.29	\$1.52							\$16.81	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
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' PLATFROM							\$206,780	D-Off	48	HP	219
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$23.08	\$1.15	\$24.23	\$5.43	\$0.68	\$0.30	\$0.05	\$24.47	\$30.93	\$55.16			
Standby	\$11.54	\$1.15							\$12.69				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P40TE021	S60XC	MAN-LIFT, STRAIGHT BOOM, 64' WORKING HEIGHT, 500 LBS, 51' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM							\$199,446	D-Off	48	HP	208
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$22.25	\$1.11	\$23.36	\$5.43	\$0.68	\$0.30	\$0.05	\$23.60	\$30.05	\$53.41			
Standby	\$11.13	\$1.11							\$12.24				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P40TE022	SX-105XC	MAN-LIFT, STRAIGHT BOOM, 111' HEIGHT, 660 LBS, 80' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM							\$357,360	D-Off	74	HP	426
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$40.02	\$1.99	\$42.01	\$8.36	\$1.05	\$0.30	\$0.05	\$42.42	\$52.18	\$94.19			
Standby	\$20.01	\$1.99							\$22.00				

\* - 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
									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			\$146,949	D-Off 48 HP 124
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$16.37	\$0.82	\$17.19		\$5.43	\$0.68	\$0.25	\$0.04	\$17.36	\$23.77 \$40.96
Standby	\$8.19	\$0.82								\$9.01

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$285,071	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	\$1.59	\$33.47		\$8.36	\$1.05	\$0.30	\$0.05	\$33.80	\$43.56 \$77.03
Standby	\$15.94	\$1.59								\$17.53

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$40,245	Elec 2 HP 52
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$4.49	\$0.22	\$4.71		\$0.10	\$0.05	\$0.05	\$0.01	\$4.76	\$4.98 \$9.69
Standby	\$2.25	\$0.22								\$2.47

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION										
									Value TEV	Engine Horsepower and Fuel Type
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							\$48,092	Elec 2 HP 52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.37	\$0.27	\$5.64	\$0.10	\$0.05	\$0.05	\$0.01	\$5.70	\$5.91	\$11.55
Standby	\$2.69	\$0.27							\$2.96	

									Value TEV	Engine Horsepower and Fuel Type
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							\$26,494	Elec 2 HP 36
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.94	\$0.15	\$3.09	\$0.10	\$0.05	\$0.05	\$0.01	\$3.12	\$3.34	\$6.43
Standby	\$1.47	\$0.15							\$1.62	

									Value TEV	Engine Horsepower and Fuel Type
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							\$109,937	D-Off 24.8 HP 111
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.60	\$0.61	\$12.21	\$2.80	\$0.35	\$1.21	\$0.19	\$12.37	\$16.93	\$29.14
Standby	\$5.80	\$0.61							\$6.41	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

TEREX CORPORATION										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
P40TE035	GS-5390RT - T4F	MAN-LIFT, SCISSOR, ROUGH TERRAIN W/ OUTRIGGERS, 59' (18.15 M) WORKING HEIGHT, 18,272 LB (9,190 KG), 4X4			\$145,662		D-Off 48 HP		183	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$12.91	\$0.81	\$13.72	\$5.43	\$0.68	\$8.58	\$1.36	\$14.05	\$30.11	\$43.83
Standby	\$6.46	\$0.81							\$7.27	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
P40TE036	ZX-135/70 - 4WD	MAN-LIFT, ARTICULATED BOOM, 141' WORKING HEIGHT, 600 LBS, 70' REACH, 4X4, SELF-PROPELLED, 2.5' X 6' PLATFORM			\$448,935		D-Off 74 HP		465	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$50.32	\$2.50	\$52.82	\$8.36	\$1.05	\$0.30	\$0.05	\$53.33	\$63.09	\$115.91
Standby	\$25.16	\$2.50							\$27.66	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

AIRPLACO EQUIPMENT CO., INC.														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P45AF003	HG-9	PUMP, GROUT, HAND PUMP, 15 CF/HR, 0-100 PSI, W/5 GAL HOPPER (ADD 1" HOSES)							\$1,607					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	\$0.24	\$0.24	\$0.42			
Standby	\$0.09	\$0.01								\$0.10				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P45AF010	PC3	PUMP, GROUT/SHOTCRETE, SELF CONTAINED W/ 7 CY/HR MIXER, HIGH PRESSURE DUAL CYLINDER PUMP, S-TUBE, TRAILER MTD							\$79,000		D-Off	46	HP	38
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$8.36	\$0.45	\$8.81		\$9.75	\$1.23	\$0.04	\$0.01	\$12.00	\$23.02	\$31.83			
Standby	\$4.18	\$0.45								\$4.63				

\* - 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
									7/1/2019	Main Carrier CWT
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)			\$38,755	Gas 35 HP 14
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$4.12	\$0.22	\$4.34		\$13.91	\$2.01	\$0.00	\$0.00	\$5.90	\$21.82 \$26.16
Standby	\$2.06	\$0.22								\$2.28

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
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)			\$7,285	4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$0.77	\$0.04	\$0.81		\$0.00	\$0.00	\$0.00	\$0.00	\$1.11	\$1.11 \$1.92
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
P45CG001	CG-050	PUMP, GROUT, MINI, AIR, 40 CF/HR, 225 PSI, PORTABLE, SKID MTD (ADD 15 CFM - 100 PSI COMPRESSOR)							\$1,729	
										CWT
										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	\$0.26	\$0.31	\$0.50
Standby	\$0.09	\$0.01							\$0.10	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
P45CG002	CG-550P	PUMP, GROUT, MIXER, AIR, 40 CF/HR, 225 PSI, SKID MTD (ADD 85 CFM - 100 PSI COMPRESSOR)							\$7,606	
										CWT
										3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.81	\$0.04	\$0.85	\$0.00	\$0.10	\$0.00	\$0.00	\$1.16	\$1.26	\$2.11
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.														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
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)							\$21,082			12		
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$2.24	\$0.12	\$2.36		\$0.00	\$0.15	\$0.00	\$0.00	\$3.21	\$3.36		\$5.72		
Standby	\$1.12	\$0.12								\$1.24				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
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							\$31,221	D-Off	20	HP		23
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$3.29	\$0.18	\$3.47		\$4.24	\$0.53	\$0.03	\$0.00	\$4.73	\$9.54		\$13.01		
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.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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							\$39,842	D-Off 24 HP 23
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.21	\$0.23	\$4.44	\$5.09	\$0.64	\$0.03	\$0.00	\$6.04	\$11.81	\$16.25
Standby	\$2.11	\$0.23							\$2.34	

OLIN PUMP										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P45OE002	5 45	PUMP, GROUT PUMP, 1,350 CF/HR, 750 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT							\$58,493	D-Off 74 HP 42
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.18	\$0.34	\$6.52	\$15.68	\$1.98	\$0.04	\$0.01	\$8.87	\$26.57	\$33.09
Standby	\$3.09	\$0.34							\$3.43	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

OLIN PUMP											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P45OE003 5 80 PUMP, GROUT PUMP, 2,160 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT									\$86,158	D-Off 97 HP	48
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.12	\$0.49	\$9.61	\$20.56	\$2.59	\$0.04	\$0.01	\$13.09	\$36.28	\$45.89	
Standby	\$4.56	\$0.49							\$5.05		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P45OE004 5 95 PUMP, GROUT PUMP, 2,565 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT									\$93,760	D-Off 116 HP	56
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.93	\$0.54	\$10.47	\$24.59	\$3.10	\$0.04	\$0.01	\$14.24	\$41.98	\$52.45	
Standby	\$4.97	\$0.54							\$5.51		
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
P45OE005 5 140CA PUMP, GROUT PUMP, 3,780 CF/HR, 900 PSI, 37 GAL HOPPER, TRAILER MTD TANDEM, W/POWER UNIT									\$149,743	D-Off 173 HP	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.85	\$0.86	\$16.71	\$36.67	\$4.63	\$0.08	\$0.01	\$22.73	\$64.12	\$80.83	
Standby	\$7.93	\$0.86							\$8.79		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

PUTZMEISTER INC.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
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							\$64,794	D-Off 46 HP 35
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.85	\$0.37	\$7.22	\$9.75	\$1.23	\$0.04	\$0.01	\$9.83	\$20.86	\$28.08
Standby	\$3.43	\$0.37							\$3.80	

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
P50XX001	6" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,600 GPM, LIQUID COOLED, TRAILER MTD (ADD HOSES)							\$46,073	D-Off 74 HP 29
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.58	\$0.27	\$4.85	\$14.99	\$2.56	\$0.06	\$0.01	\$6.28	\$23.90	\$28.75
Standby	\$2.29	\$0.27							\$2.56	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## P50 PUMPS, WATER, CENTRIFUGAL, TRASH

**P50 0.11 ENGINE DRIVE**

**NO SPECIFIC MANUFACTURER**

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
P50XX002	8" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 8" DIA, 2,500 GPM, TRAILER MTD (ADD HOSES)								\$53,986	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		\$14.99	\$2.56	\$0.06	\$0.01	\$7.37	\$24.99		\$30.68		
Standby	\$2.69	\$0.32								\$3.01				
										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
P50XX003	4" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 526 GPM, AIR COOLED, SKID MTD (ADD HOSES)								\$7,146	D-Off	10	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$0.71	\$0.04	\$0.75		\$2.03	\$0.35	\$0.00	\$0.00	\$0.98	\$3.36		\$4.11		
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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P50WC001	PT 2A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 2" DIA, 205 GPM @ 100' HEAD (ADD HOSES)							\$1,323	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		\$3.74	\$0.54	\$0.00	\$0.00	\$0.18	\$4.46	\$4.60		
Standby	\$0.07	\$0.01								\$0.08			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P50WC002	PT 3A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 3" DIA, 425 GPM @ 95' HEAD (ADD HOSES)							\$1,678	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		\$3.04	\$0.52	\$0.00	\$0.00	\$0.23	\$3.79	\$3.97		
Standby	\$0.09	\$0.01								\$0.10			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P50WC003	PTS 4V	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 705 GPM @ 106' HEAD (ADD HOSES)							\$3,255	D-Off	16	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.33	\$0.02	\$0.35		\$3.24	\$0.55	\$0.00	\$0.00	\$0.45	\$4.24	\$4.59		
Standby	\$0.17	\$0.02								\$0.19			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
P50WC004	PT6LT	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,300 GPM @ 100' HEAD ,TRAILER MTD (ADD HOSES)							\$17,595	D-Off	33 HP
											CWT
											25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.73	\$0.10	\$1.83	\$6.68	\$1.14	\$0.06	\$0.01	\$2.38	\$10.27	\$12.10	
Standby	\$0.87	\$0.10							\$0.97		

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
P50GR001	C221-90	PUMP HOSE, SUCTION, 2" DIA X 20' WITH COUPLING (PER SECTION)							\$158		
											CWT
											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		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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
P50GR002	C356-90	PUMP HOSE, SUCTION, 3" DIA X 20' WITH COUPLING (PER SECTION)							\$219			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	\$0.00	\$0.00	\$0.00	\$0.00	\$0.10	\$0.10	\$0.15		
Standby	\$0.03	\$0.00							\$0.03			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P50GR003	C357-90	PUMP HOSE, SUCTION, 4" DIA X 20' WITH COUPLING (PER SECTION)							\$360			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	\$0.16	\$0.16	\$0.24		
Standby	\$0.04	\$0.00							\$0.04			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
P50GR004	C354-90	PUMP HOSE, SUCTION, 6" DIA X 20' WITH COUPLING (PER SECTION)							\$632			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	\$0.29	\$0.29	\$0.43		
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										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
P50GR005	C373-90	PUMP HOSE, DISCH, 2" DIA X 50' WITH COUPLING (PER SECTION)							\$144	
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	\$0.07	\$0.07	\$0.10
Standby	\$0.02	\$0.00							\$0.02	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
P50GR006	C374-90	PUMP HOSE, DISCH, 3" DIA X 50' WITH COUPLING (PER SECTION)							\$207	
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	\$0.09	\$0.09	\$0.14
Standby	\$0.03	\$0.00							\$0.03	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
P50GR007	C375-90	PUMP HOSE, DISCH, 4" DIA X 50' WITH COUPLING (PER SECTION)							\$338	
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	\$0.15	\$0.15	\$0.23
Standby	\$0.04	\$0.00							\$0.04	

\* - 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
P50GR008	C376-90	PUMP HOSE, DISCH, 6" DIA X 50' WITH COUPLING (PER SECTION)							\$523	
										CWT
										3
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	\$0.24	\$0.24	\$0.36
Standby	\$0.06	\$0.00							\$0.06	

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
P55GF001	04MH & 250HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 455 GPM MAX FLOW, 59' MAX HEAD (INCLUDES TRAILER MTD POWER UNIT MODEL 250)(ADD HOSES)							\$31,274	D-Off 21 HP
										CWT
										19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.07	\$0.19	\$3.26	\$4.25	\$0.73	\$0.12	\$0.02	\$4.69	\$9.80	\$13.06
Standby	\$1.54	\$0.19							\$1.73	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
P55GF002	06T & 250HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 990 GPM MAX FLOW, 72' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 250HPND)(ADD HOSES)								\$34,086	D-Off 21 HP 31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$3.35	\$0.20	\$3.55	\$4.25	\$0.73	\$0.12	\$0.02	\$5.12	\$10.23	\$13.78	
Standby	\$1.68	\$0.20							\$1.88		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
P55GF003	04MHL & 400HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 900 GPM MAX FLOW, 112' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)								\$43,225	D-Off 72 HP 19
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.27	\$0.26	\$4.53	\$14.58	\$2.49	\$0.12	\$0.02	\$6.52	\$23.72	\$28.25	
Standby	\$2.14	\$0.26							\$2.40		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
P55GF004	06MH & 400HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1500 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)								\$45,187	D-Off 72 HP 31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.46	\$0.27	\$4.73	\$14.58	\$2.49	\$0.12	\$0.02	\$6.81	\$24.02	\$28.75	
Standby	\$2.23	\$0.27							\$2.50		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
P55GF005	06MHL & 825 HPND	PUMP, WATER, SUBMERSIBLE, 6" DIA, 1800 GPM MAX FLOW, 119' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 600HPND)(ADD HOSES)							\$61,595	D-Off	113	HP		39
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.10	\$0.36	\$6.46	\$22.89	\$3.91	\$0.12	\$0.02	\$9.31	\$36.24	\$42.70				
Standby	\$3.05	\$0.36							\$3.41					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P55GF006	12T & 825HPND	PUMP, WATER, SUBMERSIBLE, 12" DIA, 5000 GPM MAX FLOW, 55' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 825HPND)(ADD HOSES)							\$65,374	D-Off	140	HP		39
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$6.48	\$0.39	\$6.87	\$28.35	\$4.84	\$0.12	\$0.02	\$9.89	\$43.21	\$50.08				
Standby	\$3.24	\$0.39							\$3.63					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P55GF008	08T & 400HPND	PUMP, WATER, SUBMERSIBLE, 8" DIA, 1490 GPM MAX FLOW, 80' MAX HEAD (INCLUDES TRAILER MTD HPU MODEL 400HPND)(ADD HOSES)							\$45,803	D-Off	72	HP		31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.52	\$0.27	\$4.79	\$14.58	\$2.49	\$0.12	\$0.02	\$6.91	\$24.11	\$28.90				
Standby	\$2.26	\$0.27							\$2.53					

\* - 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
P55GR001	S2A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 138 GPM @ 20' HEAD (ADD HOSES), 115V 1-PHASE							\$5,683	Elec	2	HP		2
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.60	\$0.03	\$0.63		\$0.18	\$0.09	\$0.00	\$0.00	\$0.52	\$0.79	\$1.42			
Standby	\$0.30	\$0.03								\$0.33				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P55GR002	S3A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 3" DIA, 278 GPM @ 20' HEAD (ADD HOSES), 230V 1-PHASE							\$6,504	Elec	5	HP		3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.69	\$0.04	\$0.73		\$0.46	\$0.23	\$0.00	\$0.00	\$0.59	\$1.29	\$2.02			
Standby	\$0.35	\$0.04								\$0.39				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
P55GR003	S4A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 4" DIA, 860 GPM @ 40' HEAD (ADD HOSES), 460V 3-PHASE							\$16,311	Elec	25	HP		7
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.73	\$0.09	\$1.82		\$2.30	\$1.16	\$0.00	\$0.00	\$1.49	\$4.95	\$6.77			
Standby	\$0.87	\$0.09								\$0.96				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

GORMAN-RUPP COMPANY											
SourceTag										Value TEV	
Model										7/1/2019	
Equipment Description										Engine Horsepower and Fuel Type	
										Main	Carrier
										CWT	
P55GR004	S6A1-E60 460/3	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 6" DIA, 1,950 GPM @ 40' HEAD (ADD HOSES)								\$23,795	Elec 60 HP
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.53	\$0.14	\$2.67		\$5.51	\$2.79	\$0.00	\$0.00	\$2.17	\$10.47	\$13.14
Standby	\$1.27	\$0.14								\$1.41	

WACKER CORPORATION											
SourceTag										Value TEV	
Model										7/1/2019	
Equipment Description										Engine Horsepower and Fuel Type	
										Main	Carrier
										CWT	
P55WC001	PS2 500	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 66 GPM @ 39' HEAD (ADD HOSES)								\$379	Elec 1 HP
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.04	\$0.00	\$0.04		\$0.09	\$0.05	\$0.00	\$0.00	\$0.03	\$0.17	\$0.21
Standby	\$0.02	\$0.00								\$0.02	

\* - Adjustable Elements

**Region: 8**  
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## Hourly Equipment Ownership and Operating Expense

## P55 PUMPS, WATER, SUBMERSIBLE

**P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)**

WACKER CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P55WC002	PS2 800	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 82 GPM @ 59' HEAD (ADD HOSES)							\$549	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		\$0.09	\$0.05	\$0.00	\$0.00	\$0.05	\$0.19	\$0.25		
Standby	\$0.03	\$0.00								\$0.03			

## P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

**P60 0.11 SKID MOUNTED, ENGINE DRIVE**

[illegible]

\* - 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)							\$1,735	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		\$2.99	\$0.43	\$0.00	\$0.00	\$0.24	\$3.66	\$3.84		
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)							\$1,176	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	\$2.43	\$0.35	\$0.00	\$0.00	\$0.16	\$2.94	\$3.07			
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)							\$3,767	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	\$5.99	\$0.86	\$0.00	\$0.00	\$0.52	\$7.37	\$7.77			
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
									7/1/2019	Main Carrier CWT
P60WC001			PG 2A			PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 159 GPM @ 98' HEAD (ADD HOSES)			\$545	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		\$1.50	\$0.22	\$0.00	\$0.00	\$0.07	\$1.79 \$1.84
Standby	\$0.03	\$0.00								\$0.03

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
P60WC002			PG 3A			PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 264 GPM @ 98' HEAD (ADD HOSES)			\$635	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		\$2.25	\$0.32	\$0.00	\$0.00	\$0.09	\$2.66 \$2.72
Standby	\$0.03	\$0.00								\$0.03

\* - Adjustable Elements

**Region: 8**  
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## Hourly Equipment Ownership and Operating Expense

## P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

**P60 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
P60GR001	14C2-F3L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 4" DIA, 600 GPM @ 80' HEAD (ADD HOSES)							\$30,006	D-Off	47	HP	20
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$2.95	\$0.18	\$3.13		\$9.52	\$1.62	\$0.10	\$0.02	\$4.06	\$15.32		\$18.45	
Standby	\$1.48	\$0.18								\$1.66			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P60GR002	16C2-F4L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 6" DIA, 1,825 GPM @ 40' HEAD (ADD HOSES)							\$37,489	Gas	73	HP	26
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$3.70	\$0.22	\$3.92		\$27.32	\$3.94	\$0.10	\$0.02	\$5.09	\$36.46		\$40.38	
Standby	\$1.85	\$0.22								\$2.07			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 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
P65HO001	DP2B	PUMP, WATER, DIAPHRAGM, SKID MTD, 2" DIA, 33 GPM (ADD HOSES)							\$1,583	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	\$1.31	\$0.19	\$0.00	\$0.00	\$0.22	\$1.72	\$1.89			
Standby	\$0.08	\$0.01							\$0.09				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
P65HO002	DP3B	PUMP, WATER, DIAPHRAGM, SKID MTD, 3" DIA, 80 GPM (ADD HOSES)							\$1,743	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	\$1.31	\$0.19	\$0.00	\$0.00	\$0.24	\$1.74	\$1.92			
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)							\$6,095	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		\$0.75	\$0.11	\$0.03	\$0.00	\$0.73	\$1.62	\$2.26			
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)							\$11,724	Gas	3	HP		4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.16	\$0.07	\$1.23		\$1.12	\$0.16	\$0.03	\$0.00	\$1.41	\$2.73	\$3.96			
Standby	\$0.58	\$0.07								\$0.65				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.21 WHEEL MOUNTED, ENGINE DRIVE

WACKER CORPORATION														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
P65WC001	PDT 2A	PUMP, WATER, DIAPHRAGM, WHEEL, 2" DIA, 50 GPM @ 25' HEAD (ADD HOSES)							\$1,852	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		\$1.50	\$0.22	\$0.00	\$0.00	\$0.23	\$1.94	\$2.14			
Standby	\$0.10	\$0.01								\$0.11				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
P65WC002	PDT 3A	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 88 GPM @ 25' HEAD (ADD HOSES)							\$1,952	Gas	4	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		\$1.50	\$0.22	\$0.00	\$0.00	\$0.24	\$1.95	\$2.16			
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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
P70XX001	75-7.6	PUMP, WATER, FOR CORE DRILLS, 7.6 GPM, 75 PSI, MANUAL, SKID (ADD HOSES)							\$4,481	Gas	2	HP	1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.42	\$0.03	\$0.45		\$0.75	\$0.11	\$0.00	\$0.00	\$0.55	\$1.40	\$1.85		
Standby	\$0.21	\$0.03								\$0.24			

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
R10CA001	D-3 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-3 TRACTOR DOZER & COST FOR POINT WEAR)							\$13,601			14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.36	\$0.08	\$1.44	\$0.00	\$0.00	\$0.00	\$0.00	\$1.86	\$1.86	\$3.30		
Severe	\$1.67	\$0.08	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00	\$2.55	\$2.55	\$4.30		
Standby	\$0.68	\$0.08							\$0.76			

\* - Adjustable Elements

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## 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
R10CA003	D4 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-4 TRACTOR DOZER & COST FOR POINT WEAR)							\$13,601		14	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.36	\$0.08	\$1.44	\$0.00	\$0.00	\$0.00	\$0.00	\$1.86	\$1.86	\$3.30		
Severe	\$1.67	\$0.08	\$1.75	\$0.00	\$0.00	\$0.00	\$0.00	\$2.55	\$2.55	\$4.30		
Standby	\$0.68	\$0.08							\$0.76			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA005	D5 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-5 TRACTOR DOZER & COST FOR POINT WEAR)							\$14,922		20	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.49	\$0.09	\$1.58	\$0.00	\$0.00	\$0.00	\$0.00	\$2.04	\$2.04	\$3.62		
Severe	\$1.84	\$0.09	\$1.93	\$0.00	\$0.00	\$0.00	\$0.00	\$2.79	\$2.79	\$4.72		
Standby	\$0.75	\$0.09							\$0.84			

\* - 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
R10CA006	D5 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D5 RIPPER (RIPPER HAS 3 SHANKS)							\$1,444	
										CWT
										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	\$0.20	\$0.20	\$0.35
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.27	\$0.27	\$0.46
Standby	\$0.07	\$0.01							\$0.08	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
R10CA007	D6 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-6 TRACTOR DOZER & COST FOR POINT WEAR)							\$26,455	
										CWT
										16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.65	\$0.16	\$2.81	\$0.00	\$0.08	\$0.00	\$0.00	\$3.62	\$3.70	\$6.51
Severe	\$3.26	\$0.16	\$3.42	\$0.00	\$0.08	\$0.00	\$0.00	\$4.95	\$5.03	\$8.45
Standby	\$1.33	\$0.16							\$1.49	

\* - Adjustable Elements

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## 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
R10CA009	D7 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-7 TRACTOR DOZER & COST FOR POINT WEAR)							\$58,527		77	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.85	\$0.35	\$6.20	\$0.00	\$0.00	\$0.00	\$0.00	\$8.01	\$8.01	\$14.21		
Severe	\$7.20	\$0.36	\$7.56	\$0.00	\$0.00	\$0.00	\$0.00	\$10.95	\$10.95	\$18.51		
Standby	\$2.93	\$0.35							\$3.28			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA011	D8 RIPPER 1S	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)							\$84,312		91	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.43	\$0.50	\$8.93	\$0.00	\$0.00	\$0.00	\$0.00	\$11.54	\$11.54	\$20.47		
Severe	\$10.38	\$0.51	\$10.89	\$0.00	\$0.00	\$0.00	\$0.00	\$15.78	\$15.78	\$26.67		
Standby	\$4.22	\$0.50							\$4.72			

\* - 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
									7/1/2019	Main      Carrier
										CWT
R10CA012	D8 RIPPER 3S	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & COST FOR POINT WEAR)							\$82,772	102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.28	\$0.49	\$8.77	\$0.00	\$0.00	\$0.00	\$0.00	\$11.33	\$11.33	\$20.10
Severe	\$10.19	\$0.50	\$10.69	\$0.00	\$0.00	\$0.00	\$0.00	\$15.49	\$15.49	\$26.18
Standby	\$4.14	\$0.49							\$4.63	
SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier
										CWT
R10CA013	D8 3 SHANK TOOTH	SINGLE SHANK FOR TRIPLE SHANK D8 RIPPER (RIPPER HAS 3 SHANKS)							\$5,728	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.57	\$0.03	\$0.60	\$0.00	\$0.00	\$0.00	\$0.00	\$0.78	\$0.78	\$1.38
Severe	\$0.70	\$0.03	\$0.73	\$0.00	\$0.00	\$0.00	\$0.00	\$1.07	\$1.07	\$1.80
Standby	\$0.29	\$0.03							\$0.32	

\* - 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				Value TEV				Engine Horsepower and Fuel Type		
Model				7/1/2019				Main		Carrier
Equipment Description										CWT
R10CA014 D9 RIPPER 1 SHANK RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)				\$144,630						102
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.46	\$0.86	\$15.32	\$0.00	\$0.00	\$0.00	\$0.00	\$19.79	\$19.79	\$35.11
Severe	\$17.80	\$0.88	\$18.68	\$0.00	\$0.00	\$0.00	\$0.00	\$27.06	\$27.06	\$45.74
Standby	\$7.23	\$0.86							\$8.09	

SourceTag				Value TEV				Engine Horsepower and Fuel Type		
Model				7/1/2019				Main		Carrier
Equipment Description										CWT
R10CA015 D9 RIPPER 3 SHANK RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)				\$139,105						91
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.91	\$0.82	\$14.73	\$0.00	\$0.00	\$0.00	\$0.00	\$19.04	\$19.04	\$33.77
Severe	\$17.12	\$0.84	\$17.96	\$0.00	\$0.00	\$0.00	\$0.00	\$26.03	\$26.03	\$43.99
Standby	\$6.96	\$0.82							\$7.78	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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
R10CA016	D9 RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D9 RIPPER							\$8,362		10	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.84	\$0.05	\$0.89	\$0.00	\$0.00	\$0.00	\$0.00	\$1.14	\$1.14	\$2.03		
Severe	\$1.03	\$0.05	\$1.08	\$0.00	\$0.00	\$0.00	\$0.00	\$1.56	\$1.56	\$2.64		
Standby	\$0.42	\$0.05							\$0.47			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA017	D10 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)							\$174,658		161	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$17.47	\$1.03	\$18.50	\$0.00	\$0.00	\$0.00	\$0.00	\$23.90	\$23.90	\$42.40		
Severe	\$21.50	\$1.06	\$22.56	\$0.00	\$0.00	\$0.00	\$0.00	\$32.68	\$32.68	\$55.24		
Standby	\$8.74	\$1.03							\$9.77			

\* - 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)							\$175,781		179	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$17.58	\$1.04	\$18.62	\$0.00	\$0.00	\$0.00	\$0.00	\$24.05	\$24.05	\$42.67		
Severe	\$21.63	\$1.07	\$22.70	\$0.00	\$0.00	\$0.00	\$0.00	\$32.89	\$32.89	\$55.59		
Standby	\$8.79	\$1.04							\$9.83			
									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)							\$11,823		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	\$1.62	\$1.62	\$2.87		
Severe	\$1.46	\$0.07	\$1.53	\$0.00	\$0.00	\$0.00	\$0.00	\$2.21	\$2.21	\$3.74		
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)												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA021	D11 3 SHANK RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)							\$178,637			103
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$17.86	\$1.06	\$18.92	\$0.00	\$0.25	\$0.00	\$0.00	\$24.44	\$24.69	\$43.61		
Severe	\$21.99	\$1.08	\$23.07	\$0.00	\$0.25	\$0.00	\$0.00	\$33.43	\$33.68	\$56.75		
Standby	\$8.93	\$1.06							\$9.99			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA023	D8T RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D8 RIPPER (RIPPER HAS 1 SHANK)							\$6,534			9
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	\$0.89	\$0.89	\$1.58		
Severe	\$0.80	\$0.04	\$0.84	\$0.00	\$0.00	\$0.00	\$0.00	\$1.22	\$1.22	\$2.06		
Standby	\$0.33	\$0.04							\$0.37			

\* - 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
R10CA024	D6 RIPPER SHANK	RIPPER SHANK, EACH (ADD D-6 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)							\$1,609			5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.16	\$0.01	\$0.17	\$0.00	\$0.00	\$0.00	\$0.00	\$0.22	\$0.22	\$0.39		
Severe	\$0.20	\$0.01	\$0.21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.30	\$0.30	\$0.51		
Standby	\$0.08	\$0.01							\$0.09			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA025	D9 RIPPER SHANK MULT	SINGLE SHANK FOR TRIPLE SHANK D9 RIPPER (RIPPER HAS 3 SHANKS)							\$6,281			10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.63	\$0.04	\$0.67	\$0.00	\$0.00	\$0.00	\$0.00	\$0.86	\$0.86	\$1.53		
Severe	\$0.77	\$0.04	\$0.81	\$0.00	\$0.00	\$0.00	\$0.00	\$1.18	\$1.18	\$1.99		
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)										
					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)			\$11,654				14	
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	\$1.59	\$1.59	\$2.83
Severe	\$1.43	\$0.07	\$1.50	\$0.00	\$0.00	\$0.00	\$0.00	\$2.18	\$2.18	\$3.68
Standby	\$0.59	\$0.07							\$0.66	

					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)			\$10,575				10	
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	\$1.45	\$1.45	\$2.57
Severe	\$1.30	\$0.06	\$1.36	\$0.00	\$0.00	\$0.00	\$0.00	\$1.98	\$1.98	\$3.34
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)												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA032	D11 RIPPER SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)							\$183,263		103	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$18.33	\$1.08	\$19.41	\$0.00	\$0.25	\$0.00	\$0.00	\$25.08	\$25.33	\$44.74		
Severe	\$22.56	\$1.11	\$23.67	\$0.00	\$0.25	\$0.00	\$0.00	\$34.29	\$34.54	\$58.21		
Standby	\$9.17	\$1.08							\$10.25			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R10CA033	D7 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D7 RIPPER (RIPPER HAS 3 SHANKS)							\$2,580		4	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.26	\$0.02	\$0.28	\$0.00	\$0.00	\$0.00	\$0.00	\$0.35	\$0.35	\$0.63		
Severe	\$0.32	\$0.02	\$0.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.82		
Standby	\$0.13	\$0.02							\$0.15			

\* - 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
R10CA040	D4 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D4 RIPPER							\$1,444	
										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	\$0.20	\$0.20	\$0.35
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.27	\$0.27	\$0.46
Standby	\$0.07	\$0.01							\$0.08	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
R10CA041	D3 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D3 RIPPER							\$1,444	
										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	\$0.20	\$0.20	\$0.35
Severe	\$0.18	\$0.01	\$0.19	\$0.00	\$0.00	\$0.00	\$0.00	\$0.27	\$0.27	\$0.46
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											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
R15XX002	CA1600	ROLLER, STATIC, TOWED, PNEUMATIC, 9 TON, 88" WIDE, 13 TIRE (ADD TOWING UNIT)							\$16,701		47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$1.34	\$0.10	\$1.44	\$0.00	\$0.00	\$0.00	\$0.00	\$1.45	\$1.45	\$2.89	
Standby	\$0.67	\$0.10							\$0.77		

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier
R20HJ001	60X60	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 9-15 TON, 60" WIDE X 60" DIA, SHEEPSFOOT (ADD TOWING UNIT)							\$61,945		184
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.96	\$0.36	\$5.32	\$0.00	\$0.25	\$0.00	\$0.00	\$6.16	\$6.41	\$11.73	
Standby	\$2.48	\$0.36							\$2.84		

\* - Adjustable Elements

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## Hourly Equipment Ownership and Operating Expense

## R20 ROLLERS, STATIC, TOWED, STEEL DRUM

**R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM**

HOLMES												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R20HJ002	48X48	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 3.5-6 TON, 48" WIDE X 48" DIA, SHEEPSFOOT (ADD TOWING UNIT)							\$30,450			68
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.44	\$0.18	\$2.62		\$0.00	\$0.25	\$0.00	\$0.00	\$3.03	\$3.28	\$5.90	
Standby	\$1.22	\$0.18								\$1.40		

NO SPECIFIC MANUFACTURER												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
R20XX040	LAWN ROLLER	LAWN ROLLER, TOW BEHIND, 60" W X 24" DIA, 11,250 LBS WHEN FILLED W/ 117 GAL WATER							\$589			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

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

BOMAG														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R30BO003	BW27RH-4I	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 30.00 TON, 80.4" WIDE, 8 TIRE, ASPHALT COMPACTOR							\$210,506	D-Off	170	HP		194
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$21.85	\$1.21	\$23.06		\$30.43	\$3.29	\$1.10	\$0.17	\$22.46	\$57.45	\$80.51			
Standby	\$10.93	\$1.21								\$12.14				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R30BO004	BW11RH-5	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 12 TON, 68" WIDE, 9 TIRE, ASPHALT COMPACTOR							\$139,608	D-Off	74	HP		119
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.25	\$0.80	\$15.05		\$13.24	\$1.43	\$1.26	\$0.20	\$14.69	\$30.82	\$45.87			
Standby	\$7.13	\$0.80								\$7.93				

\* - Adjustable Elements

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## Hourly Equipment Ownership and Operating Expense

### R30 ROLLERS, STATIC, SELF-PROPELLED

**R30 0.01 PNEUMATIC**

CATERPILLAR INC. ( MACHINE DIVISION)														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
R30CA002	CW34	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 17.6 TON, 82" WIDE, 9 TIRE, ASPHALT COMPACTOR							\$207,399	D-Off	129	HP	221	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$21.53	\$1.19	\$22.72		\$23.09	\$2.50	\$1.30	\$0.21	\$22.13	\$49.22	\$71.94			
Standby	\$10.77	\$1.19								\$11.96				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
R30CA004	CW16	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 16.5 TON, 84" WIDE, 11 TIRE, ASPHALT COMPACTOR							\$125,542	D-Off	102	HP	117	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.95	\$0.72	\$13.67		\$18.26	\$1.97	\$0.84	\$0.13	\$13.32	\$34.54	\$48.21			
Standby	\$6.48	\$0.72								\$7.20				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.02 SMOOTH DRUM

ATLAS COPCO WAGNER										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R30WG001			CS1400			ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, 3 DRUMS, 14.5 TON, 83" WIDE, 3X2, ASPHALT COMPACTOR			\$207,937	D-Off 74 HP 291
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.67	\$1.17	\$18.84	\$13.24	\$1.43	\$0.00	\$0.00	\$20.69	\$35.36	\$54.20
Standby	\$8.84	\$1.17							\$10.01	

BOMAG										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$37,770	D-Off 25 HP 52
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.21	\$0.21	\$3.42	\$4.47	\$0.48	\$0.00	\$0.00	\$3.76	\$8.71	\$12.13
Standby	\$1.61	\$0.21							\$1.82	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

### R30 ROLLERS, STATIC, SELF-PROPELLED

### R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

BOMAG														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
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							\$688,488	D-Off	456	HP		816
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$45.90	\$3.93	\$49.83		\$81.61	\$8.82	\$0.00	\$0.00	\$57.09	\$147.52		\$197.35		
Standby	\$22.95	\$3.93								\$26.88				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
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							\$633,034	D-Off	456	HP		719
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$42.20	\$3.61	\$45.81		\$81.61	\$8.82	\$0.00	\$0.00	\$52.49	\$142.92		\$188.73		
Standby	\$21.10	\$3.61								\$24.71				

\* - 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)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R30CA003	815K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 24.7 TON, 56" DIA, 14.25' WIDTH PER 2-PASS, W/BLADE							\$614,202	D-Off	284	HP	494
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$40.95	\$3.50	\$44.45	\$50.83	\$5.50	\$0.00	\$0.00	\$50.93	\$107.26	\$151.71			
Standby	\$20.48	\$3.50							\$23.98				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R30CA006	825K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, SHEEPSFOOT, 4X4, 39.2 TON, 51" DIA, 16.00' WIDTH PER 2-PASS, W/BLADE							\$919,001	D-Off	435	HP	783
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$61.27	\$5.24	\$66.51	\$77.86	\$8.42	\$0.00	\$0.00	\$76.20	\$162.48	\$228.99			
Standby	\$30.64	\$5.24							\$35.88				

\* - 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)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
R30CA012	816K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 28.4 TON, 14.75' WIDTH PER 2-PASS, W/BLADE			\$621,982		D-Off 284 HP		569	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.47	\$3.55	\$45.02	\$50.83	\$5.50	\$0.00	\$0.00	\$51.57	\$107.90	\$152.92
Standby	\$20.74	\$3.55							\$24.29	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
R30CA013	826K	ROLLER, STATIC, SELF-PROPELLED, LANDFILL/SOIL COMPACTOR, TAMPING FOOT, CHOPPER, 4X4, 45.1 TON, 14.8' WIDTH PER 2-PASS, W/BLADE			\$926,885		D-Off 435 HP		836	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$61.79	\$5.29	\$67.08	\$77.86	\$8.42	\$0.00	\$0.00	\$76.86	\$163.14	\$230.22
Standby	\$30.90	\$5.29							\$36.19	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R40 ROLLERS, VIBRATORY, TOWED

R40 0.00 ROLLERS, VIBRATORY, TOWED

BOMAG										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
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)					\$87,625		D-Off 50 HP			128
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.76	\$0.52	\$9.28	\$10.13	\$1.46	\$0.00	\$0.00	\$10.90	\$22.49	\$31.77
Standby	\$4.38	\$0.52							\$4.90	
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
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)					\$95,310		D-Off 50 HP			148
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.53	\$0.56	\$10.09	\$10.13	\$1.46	\$0.00	\$0.00	\$11.85	\$23.44	\$33.53
Standby	\$4.77	\$0.56							\$5.33	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$43,218	D-Off	33	HP		57
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$4.32	\$0.26	\$4.58		\$6.68	\$0.96	\$0.00	\$0.00	\$7.39	\$15.03		\$19.61		
Standby	\$2.16	\$0.26								\$2.42				
									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							\$84,915	D-Off	45	HP		94
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$8.49	\$0.50	\$8.99		\$9.11	\$1.31	\$0.00	\$0.00	\$14.52	\$24.95		\$33.94		
Standby	\$4.25	\$0.50								\$4.75				
									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							\$194,819	D-Off	75	HP		168
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$19.48	\$1.15	\$20.63		\$15.19	\$2.19	\$0.00	\$0.00	\$33.32	\$50.70		\$71.33		
Standby	\$9.74	\$1.15								\$10.89				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$160,000	D-Off	114	HP		221	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$16.00	\$0.95	\$16.95		\$23.09	\$3.33	\$0.00	\$0.00	\$27.36	\$53.78		\$70.73			
Standby	\$8.00	\$0.95								\$8.95					
									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							\$206,120	D-Off	114	HP		266	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$20.61	\$1.22	\$21.83		\$23.09	\$3.33	\$0.00	\$0.00	\$35.25	\$61.67		\$83.50			
Standby	\$10.31	\$1.22								\$11.53					

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$56,532	D-Off	30.6	HP	49
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.65	\$0.33	\$5.98		\$6.20	\$0.89	\$0.00	\$0.00	\$9.67	\$16.76	\$22.74		
Standby	\$2.83	\$0.33								\$3.16			

										Value TEV	Engine Horsepower and Fuel Type			
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							\$61,953	D-Off	31.5	HP	54	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.20	\$0.37	\$6.57		\$6.38	\$0.92	\$0.00	\$0.00	\$10.60	\$17.90	\$24.47			
Standby	\$3.10	\$0.37								\$3.47				

										Value TEV	Engine Horsepower and Fuel Type			
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							\$79,693	D-Off	40.4	HP	50	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.97	\$0.47	\$8.44		\$8.18	\$1.18	\$0.00	\$0.00	\$13.63	\$22.99	\$31.43			
Standby	\$3.99	\$0.47								\$4.46				

\* - 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														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
R45CS004	DV45E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.6 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR							\$86,560	D-Off	41.6	HP	49	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.66	\$0.51	\$9.17	\$8.43	\$1.22	\$0.00	\$0.00	\$14.80	\$24.45	\$33.62				
Standby	\$4.33	\$0.51							\$4.84					
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
R45CS005	DV209D HF	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR							\$193,545	D-Off	100	HP	211	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.35	\$1.15	\$20.50	\$20.25	\$2.92	\$0.00	\$0.00	\$33.10	\$56.27	\$76.77				
Standby	\$9.68	\$1.15							\$10.83					
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
R45CS006	DV210D	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR							\$191,190	D-Off	100	HP	229	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.12	\$1.13	\$20.25	\$20.25	\$2.92	\$0.00	\$0.00	\$32.70	\$55.87	\$76.12				
Standby	\$9.56	\$1.13							\$10.69					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA003	CB32B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR							\$64,813	D-Off	36.2	HP		62
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$6.48	\$0.38	\$6.86		\$7.33	\$1.06	\$0.00	\$0.00	\$11.08	\$19.47		\$26.33		
Standby	\$3.24	\$0.38								\$3.62				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA004	CB34B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR							\$71,753	D-Off	48.8	HP		82
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$7.18	\$0.42	\$7.60		\$9.88	\$1.42	\$0.00	\$0.00	\$12.27	\$23.58		\$31.18		
Standby	\$3.59	\$0.42								\$4.01				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA006	CB36B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR							\$85,261	D-Off	48.8	HP		84
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$8.53	\$0.50	\$9.03		\$9.88	\$1.42	\$0.00	\$0.00	\$14.58	\$25.89		\$34.92		
Standby	\$4.27	\$0.50								\$4.77				

\* - Adjustable Elements

**Region: 8**  
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## 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)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA011	CB24B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.2 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR							\$58,267	D-Off	36.2	HP	60
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$5.83	\$0.34	\$6.17		\$7.33	\$1.06	\$0.00	\$0.00	\$9.97	\$18.35		\$24.52	
Standby	\$2.92	\$0.34								\$3.26			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA016	CB22B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3 TON, 39" WIDE, 2X1, ASPHALT COMPACTOR							\$49,755	D-Off	36.2	HP	57
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$4.98	\$0.29	\$5.27		\$7.33	\$1.06	\$0.00	\$0.00	\$8.51	\$16.90		\$22.17	
Standby	\$2.49	\$0.29								\$2.78			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA026	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1 ASPHALT COMPACTOR							\$195,326	D-Off	131	HP	235
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$19.53	\$1.16	\$20.69		\$26.53	\$3.82	\$0.00	\$0.00	\$33.41	\$63.76		\$84.45	
Standby	\$9.77	\$1.16								\$10.93			

\* - 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)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R45CA027	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.8 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR								\$205,714	D-Off 142 HP 276
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$20.57	\$1.22	\$21.79	\$28.76	\$4.15	\$0.00	\$0.00	\$35.18	\$68.09	\$89.88	
Standby	\$10.29	\$1.22							\$11.51		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R45CA028	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR								\$248,701	D-Off 142 HP 290
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$24.87	\$1.47	\$26.34	\$28.76	\$4.15	\$0.00	\$0.00	\$42.53	\$75.44	\$101.78	
Standby	\$12.44	\$1.47							\$13.91		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R45CA029	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 16.0 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR								\$257,965	D-Off 142 HP 319
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$25.80	\$1.53	\$27.33	\$28.76	\$4.15	\$0.00	\$0.00	\$44.12	\$77.02	\$104.35	
Standby	\$12.90	\$1.53							\$14.43		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA031	CB7	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR							\$147,072	D-Off	100	HP		206
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$14.71	\$0.87	\$15.58		\$20.25	\$2.92	\$0.00	\$0.00	\$25.15	\$48.32		\$63.90		
Standby	\$7.36	\$0.87								\$8.23				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA032	CB8	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.4 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR							\$180,919	D-Off	100	HP		192
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$18.09	\$1.07	\$19.16		\$20.25	\$2.92	\$0.00	\$0.00	\$30.94	\$54.11		\$73.27		
Standby	\$9.05	\$1.07								\$10.12				
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R45CA033	CD10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 12.6 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR							\$186,403	D-Off	100.5	HP		223
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$18.64	\$1.10	\$19.74		\$20.35	\$2.93	\$0.00	\$0.00	\$31.88	\$55.16		\$74.90		
Standby	\$9.32	\$1.10								\$10.42				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA071	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR							\$207,650	D-Off	131	HP	235
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$20.77	\$1.23	\$22.00		\$26.53	\$3.82	\$0.00	\$0.00	\$35.51	\$65.87		\$87.87	
Standby	\$10.39	\$1.23								\$11.62			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA072	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR							\$205,714	D-Off	142	HP	276
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$20.57	\$1.22	\$21.79		\$28.76	\$4.15	\$0.00	\$0.00	\$35.18	\$68.09		\$89.88	
Standby	\$10.29	\$1.22								\$11.51			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R45CA073	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR							\$248,701	D-Off	142	HP	290
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate	
Average	\$24.87	\$1.47	\$26.34		\$28.76	\$4.15	\$0.00	\$0.00	\$42.53	\$75.44		\$101.78	
Standby	\$12.44	\$1.47								\$13.91			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)**

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
R45CA074	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR								\$288,740	D-Off	142	HP	290
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$28.87	\$1.71	\$30.58		\$28.76	\$4.15	\$0.00	\$0.00	\$49.38	\$82.29	\$112.87			
Standby	\$14.44	\$1.71								\$16.15				

**DYNAPAC DIVISION - SVEDALA INDUSTRIES**

										Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description								7/1/2019	Main			Carrier		CWT
R45DY001	CC1200VI	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR								\$53,181	D-Off	35	HP		60	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate				
Average	\$5.32	\$0.31	\$5.63		\$7.09	\$1.02	\$0.00	\$0.00	\$9.10	\$17.21		\$22.84				
Standby	\$2.66	\$0.31								\$2.97						

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

#### R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

[illegible]

\* - 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										Value TEV	Engine Horsepower and Fuel Type
Model										7/1/2019	Main
Equipment Description											Carrier
											CWT
R50BO005	BW124DH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.2 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR								\$78,040	D-Off 45 HP 73
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.22	\$0.48	\$7.70	\$6.57	\$0.95	\$0.21	\$0.03	\$12.01	\$19.78	\$27.48	
Standby	\$3.61	\$0.48							\$4.09		
SourceTag										Value TEV	Engine Horsepower and Fuel Type
Model										7/1/2019	Main
Equipment Description											Carrier
											CWT
R50BO006	BW145D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR								\$121,568	D-Off 75 HP 124
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$11.29	\$0.74	\$12.03	\$10.95	\$1.58	\$0.24	\$0.04	\$18.77	\$31.57	\$43.60	
Standby	\$5.65	\$0.74							\$6.39		
SourceTag										Value TEV	Engine Horsepower and Fuel Type
Model										7/1/2019	Main
Equipment Description											Carrier
											CWT
R50BO007	BW177D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.6 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR								\$99,571	D-Off 75 HP 146
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$9.13	\$0.61	\$9.74	\$10.95	\$1.58	\$0.45	\$0.07	\$15.23	\$28.28	\$38.02	
Standby	\$4.57	\$0.61							\$5.18		

\* - 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															
										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								\$137,766	D-Off	128	HP		234
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.38	\$0.84	\$13.22		\$18.69	\$2.69	\$1.18	\$0.19	\$20.76	\$43.51	\$56.73				
Standby	\$6.19	\$0.84								\$7.03					

										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								\$81,436	D-Off	45	HP		74
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.54	\$0.50	\$8.04		\$6.57	\$0.95	\$0.21	\$0.03	\$12.54	\$20.31	\$28.35				
Standby	\$3.77	\$0.50								\$4.27					

										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								\$134,953	D-Off	75	HP		112
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$12.54	\$0.82	\$13.36		\$10.95	\$1.58	\$0.24	\$0.04	\$20.85	\$33.65	\$47.01				
Standby	\$6.27	\$0.82								\$7.09					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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	
R50BO012	BW177PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.4 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR								\$161,303	D-Off	75	HP		166	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate				
Average	\$14.92	\$0.98	\$15.90		\$10.95	\$1.58	\$0.45	\$0.07	\$24.83	\$37.87		\$53.77				
Standby	\$7.46	\$0.98								\$8.44						
										Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT	
R50BO013	BW211PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 13.8 TON, 83.8" WIDE, 3X2, SOIL COMPACTOR								\$190,065	D-Off	128	HP		277	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate				
Average	\$17.52	\$1.16	\$18.68		\$18.69	\$2.69	\$1.03	\$0.16	\$29.18	\$51.76		\$70.44				
Standby	\$8.76	\$1.16								\$9.92						

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$156,080	D-Off	75	HP	163
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.54	\$0.95	\$15.49	\$10.95	\$1.58	\$0.21	\$0.03	\$24.15	\$36.92	\$52.41			
Standby	\$7.27	\$0.95							\$8.22				

CATERPILLAR INC. ( MACHINE DIVISION)													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$129,370	D-Off	74	HP	110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.86	\$0.79	\$12.65	\$10.80	\$1.56	\$0.59	\$0.09	\$19.78	\$32.82	\$45.47			
Standby	\$5.93	\$0.79							\$6.72				

\* - 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)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA004	CP44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.9 TON, 66" WIDE, 3X2, SOIL COMPACTOR								\$185,323	D-Off 101 HP 170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$17.21	\$1.13	\$18.34	\$14.75	\$2.13	\$0.37	\$0.06	\$28.60	\$45.91	\$64.25	
Standby	\$8.61	\$1.13							\$9.74		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA007	CS64B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.8 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$231,450	D-Off 131 HP 297
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$21.19	\$1.41	\$22.60	\$19.13	\$2.76	\$1.12	\$0.18	\$35.36	\$58.54	\$81.14	
Standby	\$10.60	\$1.41							\$12.01		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA008	CS74B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH & PADFOOT, 18.3 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$319,593	D-Off 176 HP 367
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$29.46	\$1.95	\$31.41	\$25.70	\$3.70	\$1.12	\$0.18	\$49.06	\$79.76	\$111.17	
Standby	\$14.73	\$1.95							\$16.68		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. ( MACHINE DIVISION)														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA009	CP68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 16.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR							\$270,242	D-Off	159	HP		338
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$24.78	\$1.65	\$26.43		\$23.22	\$3.35	\$1.23	\$0.20	\$41.33	\$69.32	\$95.75			
Standby	\$12.39	\$1.65								\$14.04				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA011	CS68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 15.5 TON, 84" WIDE, 3X2, SOIL COMPACTOR							\$275,962	D-Off	156	HP		310
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$25.34	\$1.68	\$27.02		\$22.78	\$3.28	\$1.18	\$0.19	\$42.24	\$69.67	\$96.69			
Standby	\$12.67	\$1.68								\$14.35				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA012	CS34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.9 TON, 50" WIDE, 3X2, SOIL COMPACTOR							\$106,837	D-Off	74	HP		98
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.83	\$0.65	\$10.48		\$10.80	\$1.56	\$0.70	\$0.11	\$16.37	\$29.54	\$40.02			
Standby	\$4.92	\$0.65								\$5.57				

\* - 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)											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA013	CS44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.6 TON, 66" WIDE, 3X2, SOIL COMPACTOR								\$152,479	D-Off 100 HP 152
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$14.10	\$0.93	\$15.03	\$14.60	\$2.10	\$0.42	\$0.07	\$23.47	\$40.66	\$55.69	
Standby	\$7.05	\$0.93							\$7.98		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA015	CS56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$219,693	D-Off 156 HP 248
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$20.06	\$1.34	\$21.40	\$22.78	\$3.28	\$1.18	\$0.19	\$33.50	\$60.93	\$82.33	
Standby	\$10.03	\$1.34							\$11.37		
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
R50CA016	CP56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$261,409	D-Off 156 HP 248
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$23.98	\$1.59	\$25.57	\$22.78	\$3.28	\$1.18	\$0.19	\$39.98	\$67.41	\$92.98	
Standby	\$11.99	\$1.59							\$13.58		

\* - 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)															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
R50CA017	CS54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$194,382	D-Off	131	HP		226
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$17.69	\$1.19	\$18.88		\$19.13	\$2.76	\$1.18	\$0.19	\$29.56	\$52.81	\$71.69				
Standby	\$8.85	\$1.19								\$10.04					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
R50CA019	CP54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR								\$210,013	D-Off	131	HP		240
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.16	\$1.28	\$20.44		\$19.13	\$2.76	\$1.18	\$0.19	\$31.99	\$55.24	\$75.68				
Standby	\$9.58	\$1.28								\$10.86					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
R50CA033	CC24B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 47" WIDE 5X4, ASPHALT COMPACTOR								\$57,429	D-Off	36.2	HP		36
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.17	\$0.35	\$5.52		\$5.29	\$0.76	\$0.48	\$0.08	\$8.66	\$15.27	\$20.79				
Standby	\$2.59	\$0.35								\$2.94					

\* - 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)														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA034	CC34B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 3.7 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR							\$77,122	D-Off	48.8	HP		90
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.01	\$0.47	\$7.48		\$7.13	\$1.03	\$0.48	\$0.08	\$11.72	\$20.44	\$27.92			
Standby	\$3.51	\$0.47								\$3.98				
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA035	CCS7	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.2 TON, 67" WIDE 3X2, SOIL COMPACTOR							\$160,951	D-Off	101	HP		163
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$14.90	\$0.98	\$15.88		\$14.75	\$2.13	\$0.70	\$0.11	\$24.79	\$42.48	\$58.36			
Standby	\$7.45	\$0.98								\$8.43				
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
R50CA036	CCS9	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH 9.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR							\$208,738	D-Off	131	HP		198
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$19.29	\$1.27	\$20.56		\$19.13	\$2.76	\$0.63	\$0.10	\$32.10	\$54.72	\$75.28			
Standby	\$9.65	\$1.27								\$10.92				

\* - 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)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
R50CA101	SV211E	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH DRUM WITH PADFOOT SHELL OPTION, 13.5 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR			\$200,963		D-Off 134 HP		240	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.39	\$1.23	\$19.62	\$19.57	\$2.82	\$1.01	\$0.16	\$30.68	\$54.24	\$73.86
Standby	\$9.20	\$1.23							\$10.43	

DYNAPAC DIVISION - SVEDALA INDUSTRIES										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
R50DY001	CA2500PD (4.5)	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT, 12.1 TON, 83" WIDE, 3X2, SOIL COMPACTOR			\$180,534		D-Off 132 HP		243	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.37	\$1.10	\$17.47	\$19.27	\$2.78	\$1.23	\$0.20	\$27.38	\$50.85	\$68.32
Standby	\$8.19	\$1.10							\$9.29	

\* - 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
									7/1/2019	Main Carrier CWT
R50DY002			CA4000D			ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.4 TON, 83" WIDE, 3X2, SOIL COMPACTOR			\$209,636	D-Off 160 HP 289
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.10	\$1.28	\$20.38	\$23.36	\$3.37	\$1.23	\$0.20	\$31.90	\$60.06	\$80.44
Standby	\$9.55	\$1.28							\$10.83	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R50DY003			CC1100C			ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 42" WIDE, 5X4, ASPHALT COMPACTOR			\$60,368	D-Off 35 HP 54
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.44	\$0.37	\$5.81	\$5.11	\$0.74	\$0.48	\$0.08	\$9.12	\$15.52	\$21.33
Standby	\$2.72	\$0.37							\$3.09	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R50DY004			CC1300C			ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR			\$80,757	D-Off 45 HP 86
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.35	\$0.49	\$7.84	\$6.57	\$0.95	\$0.48	\$0.08	\$12.29	\$20.36	\$28.20
Standby	\$3.68	\$0.49							\$4.17	

\* - 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													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R50DY005	CC2200C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 9.1 TON, 59" WIDE, 5X4, ASPHALT COMPACTOR							\$186,658	D-Off	100	HP	181
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$17.28	\$1.14	\$18.42		\$14.60	\$2.10	\$0.48	\$0.08	\$28.75	\$46.01	\$64.43		
Standby	\$8.64	\$1.14								\$9.78			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R50DY006	CA1300D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR							\$102,017	D-Off	75	HP	100
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.27	\$0.62	\$9.89		\$10.95	\$1.58	\$1.03	\$0.16	\$15.49	\$29.21	\$39.10		
Standby	\$4.64	\$0.62								\$5.26			
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R50DY007	CA1300PD	ROLLER, VIBRATORY, SELF-PROPELLED, PADFOOT DRUM, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR							\$111,781	D-Off	75	HP	105
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.07	\$0.68	\$10.75		\$10.95	\$1.58	\$1.43	\$0.23	\$16.87	\$31.05	\$41.80		
Standby	\$5.04	\$0.68								\$5.72			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R50DY008			CA1500D			ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR			\$139,972	D-Off 100 HP 150
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$12.85	\$0.85	\$13.70		\$14.60	\$2.10	\$0.60	\$0.10	\$21.43	\$38.83 \$52.53
Standby	\$6.43	\$0.85								\$7.28

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R50DY009			CA1500PD			ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT DRUM, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR			\$149,662	D-Off 100 HP 150
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$13.76	\$0.91	\$14.67		\$14.60	\$2.10	\$0.60	\$0.10	\$22.93	\$40.33 \$55.00
Standby	\$6.88	\$0.91								\$7.79

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R50DY010			CA2500D			ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR			\$168,612	D-Off 110 HP 220
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$15.53	\$1.03	\$16.56		\$16.06	\$2.32	\$0.62	\$0.10	\$25.86	\$44.96 \$61.52
Standby	\$7.77	\$1.03								\$8.80

\* - 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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL007	ATLAS PRO 2000	ROOFING EQUIPMENT, HYDRAULIC SWING HOIST, W/225' CABLE, 2,000 LB CAP							\$23,348	Gas	18	HP	12
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.31	\$0.14	\$3.45	\$4.49	\$0.49	\$0.00	\$0.00	\$3.79	\$8.77	\$12.22			
Standby	\$1.66	\$0.14							\$1.80				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL009	ROTARY PLANER	ROOFING EQUIPMENT, ROTARY PLANER, 24" WIDE							\$6,139	Gas	10.5	HP	2
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.87	\$0.04	\$0.91	\$2.62	\$0.28	\$0.00	\$0.00	\$1.00	\$3.90	\$4.81			
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
									7/1/2019	Main Carrier CWT
R55GL011			ENFORCER TWIN CUTTER			ROOFING EQUIPMENT, 2-BLADE CUTTER, 25" WIDE, SELF PROPELLED (ADD BLADE COST)			\$11,232	Gas 20 HP 6
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.59	\$0.07	\$1.66		\$4.99	\$0.54	\$0.00	\$0.00	\$1.82	\$7.35 \$9.01
Standby	\$0.80	\$0.07								\$0.87
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R55GL016			DUST MSTR ULTRA CUTR			ROOFING EQUIPMENT, 1-BLADE CUTTER, W/WATER DAMPENING SYSTEM AND H.E.P.A. VACUUM SYSTEM			\$7,442	Gas 9 HP 3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$1.05	\$0.04	\$1.09		\$2.25	\$0.24	\$0.00	\$0.00	\$1.21	\$3.70 \$4.79
Standby	\$0.53	\$0.04								\$0.57

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL017	ULTRA CUTTER MINI	ROOFING EQUIPMENT, 1-BLADE CUTTER, 17" HEIGHT & 2" WALL CLEARANCE							\$3,296	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		\$1.25	\$0.14	\$0.00	\$0.00	\$0.54	\$1.92	\$2.41		
Standby	\$0.24	\$0.02								\$0.26			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL018	NO.12 SCRATCHER	ROOFING EQUIPMENT, SCRATCHER, 18" WIDE							\$3,815	Gas	5.5	HP	1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.54	\$0.02	\$0.56		\$1.37	\$0.15	\$0.00	\$0.00	\$0.62	\$2.14	\$2.70		
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		
				7/1/2019				Main		
								Carrier		
								CWT		
R55GL020	MUSTANG	ROOFING EQUIPMENT, MATERIAL BUGGY, 36" WIDE, WALK BEHIND		\$6,672	Gas	5.5	HP			4
	WORKHORS	GRAVEL SPREADER, HOPPER 800 LBS, 6 CF, 4X2								
	E									
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.95	\$0.04	\$0.99	\$1.37	\$0.15	\$0.00	\$0.00	\$1.08	\$2.60	\$3.59
Standby	\$0.48	\$0.04							\$0.52	
SourceTag				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
R55GL021	ULTRACUTT	ROOFING EQUIPMENT, 1-BLADE CUTTER, 3.75" DEEP, WALK BEHIND 13		\$3,846	Gas	13	HP			3
	ER PRO	HP (ADD BLADE COST)								
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.54	\$0.02	\$0.56	\$3.24	\$0.35	\$0.00	\$0.00	\$0.62	\$4.22	\$4.78
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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL023	ROOF WARRIOR	ROOFING EQUIPMENT, ROOF PEELER, 16" WIDE, WALK BEHIND, POWERED WHEEL 2X2, STD W/ 18" FLAT BLADE							\$10,027	Gas	13	HP	6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.42	\$0.06	\$1.48	\$3.24	\$0.35	\$0.00	\$0.00	\$1.63	\$5.22	\$6.70			
Standby	\$0.71	\$0.06							\$0.77				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL026	GS-36	ROOFING EQUIPMENT, POWER SWEEPER, 36" WIDE, WALK BEHIND							\$5,609	Gas	5.5	HP	3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.79	\$0.03	\$0.82	\$1.37	\$0.15	\$0.00	\$0.00	\$0.91	\$2.43	\$3.25			
Standby	\$0.40	\$0.03							\$0.43				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
R55GL027	RAM 150	ROOFING EQUIPMENT, ASPHALT KETTLE, 150 GAL, TRAILER MTD							\$38,612	D-Off	6	HP	26
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.43	\$0.23	\$5.66	\$0.82	\$0.59	\$0.04	\$0.01	\$6.24	\$7.69	\$13.35			
Standby	\$2.72	\$0.23							\$2.95				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
R55GL028	RAM 230	ROOFING EQUIPMENT, ASPHALT KETTLE, 230 GAL, W/PUMP, TRAILER MTD							\$42,007	Gas	5	HP		40
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.91	\$0.25	\$6.16		\$1.25	\$0.64	\$0.04	\$0.01	\$6.79	\$8.72	\$14.88			
Standby	\$2.96	\$0.25								\$3.21				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
R55GL029	RAM 410	ROOFING EQUIPMENT, ASPHALT KETTLE, 410 GAL, W/PUMP, TRAILER MTD							\$48,417	Gas	9	HP		49
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.82	\$0.29	\$7.11		\$2.25	\$0.99	\$0.04	\$0.01	\$7.83	\$11.12	\$18.23			
Standby	\$3.41	\$0.29								\$3.70				

\* - 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
									7/1/2019	Main Carrier CWT
R55XX027			200 GAL KETTLE			ASPHALT KETTLE, 200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)			\$29,197	Gas 9 HP 25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.10	\$0.17	\$4.27	\$2.25	\$0.74	\$0.04	\$0.01	\$4.71	\$7.75	\$12.02
Standby	\$2.05	\$0.17							\$2.22	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R55XX028			350 GAL KETTLE			ASPHALT KETTLE, 350 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)			\$24,726	Gas 9 HP 24
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.47	\$0.15	\$3.62	\$2.25	\$0.74	\$0.04	\$0.01	\$3.98	\$7.02	\$10.64
Standby	\$1.74	\$0.15							\$1.89	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
R55XX029			695 GAL KETTLE			ASPHALT KETTLE, 695 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)			\$28,331	Gas 9 HP 37
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.98	\$0.17	\$4.15	\$2.25	\$0.99	\$0.04	\$0.01	\$4.57	\$7.85	\$12.00
Standby	\$1.99	\$0.17							\$2.16	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## R55 ROOFING EQUIPMENT

**R55 0.00 ROOFING EQUIPMENT**

NO SPECIFIC MANUFACTURER															
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
R55XX030	845 GAL KETTLE	ASPHALT KETTLE, 845 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)							\$33,078	Gas	9	HP		42	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$4.65	\$0.20	\$4.85		\$2.25	\$0.99	\$0.04	\$0.01	\$5.34	\$8.63		\$13.48			
Standby	\$2.33	\$0.20								\$2.53					
									Value TEV	Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT
R55XX031	1200 GAL KETTLE	ASPHALT KETTLE, 1200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)							\$41,195	Gas	9	HP		61	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate			
Average	\$5.80	\$0.25	\$6.05		\$2.25	\$0.99	\$0.04	\$0.01	\$6.66	\$9.94		\$15.99			
Standby	\$2.90	\$0.25								\$3.15					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S10 SCRAPERS, ELEVATING

S10 0.02 OVER 200 HP

CATERPILLAR INC. ( MACHINE DIVISION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
S10CA003	623K	SCRAPER, ELEVATING LOADING, 23 CY, 27.6 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED			\$744,317		D-Off 407 HP		833	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.94	\$4.37	\$44.31	\$59.43	\$8.57	\$20.29	\$3.23	\$60.94	\$152.45	\$196.76
Severe	\$45.15	\$4.40	\$49.55	\$78.60	\$11.33	\$63.53	\$10.10	\$72.52	\$236.08	\$285.63
Standby	\$19.97	\$4.37							\$24.34	

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. ( MACHINE DIVISION)										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
S15CA001	621K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 24 HEAPED CY, 29 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED			\$672,666		D-Off 407 HP		770	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.27	\$3.78	\$37.05	\$55.59	\$8.01	\$20.29	\$3.23	\$39.96	\$127.07	\$164.12
Severe	\$39.93	\$3.82	\$43.75	\$70.93	\$10.23	\$63.53	\$10.10	\$50.95	\$205.74	\$249.49
Standby	\$16.64	\$3.78							\$20.42	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. ( MACHINE DIVISION)											
					Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier		CWT	
S15CA002	631K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X2 - SINGLE POWERED			\$898,896		D-Off 570 HP			1028	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$44.85	\$5.05	\$49.90	\$77.86	\$11.22	\$24.05	\$3.82	\$53.77	\$170.72	\$220.62	
Severe	\$53.83	\$5.11	\$58.94	\$99.33	\$14.32	\$75.31	\$11.97	\$68.55	\$269.49	\$328.43	
Standby	\$22.43	\$5.05							\$27.48		

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	
S20CA001	627K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 24 HEAPED CY, 28.8 TON, 10.3' CUT WIDTH, 4X4			\$778,439		D-Off 407 HP	D- 290 HP Off		876	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$38.91	\$4.37	\$43.28	\$98.49	\$11.48	\$24.67	\$3.92	\$49.54	\$188.10	\$231.38	
Severe	\$43.24	\$4.40	\$47.64	\$128.03	\$14.93	\$80.58	\$12.81	\$58.28	\$294.63	\$342.27	
Standby	\$19.46	\$4.37							\$23.83		

\* - 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
S20CA003	637K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 CY, 41.1 TON, 11.5' CUT WIDTH, 4X4								\$1,298,749	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	\$66.18	\$7.29	\$73.47		\$121.52	\$14.17	\$29.24	\$4.65	\$83.92	\$253.50	\$326.97				
Severe	\$73.53	\$7.35	\$80.88		\$157.97	\$18.42	\$95.52	\$15.19	\$98.73	\$385.82	\$466.70				
Standby	\$33.09	\$7.29								\$40.38					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main			Carrier	CWT
S20CA004	637K PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X4, PUSH-PULL								\$1,182,335	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	\$59.97	\$6.64	\$66.61		\$98.92	\$11.53	\$29.24	\$4.65	\$76.12	\$220.46	\$287.07				
Severe	\$66.63	\$6.69	\$73.32		\$128.58	\$14.99	\$95.52	\$15.19	\$89.55	\$343.83	\$417.15				
Standby	\$29.99	\$6.64								\$36.63					

\* - 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								\$1,510,440	D-Off	564	HP	D- 410 HP Off	1508
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$76.32	\$8.48	\$84.80		\$137.62	\$16.05	\$40.16	\$6.39	\$96.95	\$297.16	\$381.96				
Severe	\$84.80	\$8.54	\$93.34		\$178.91	\$20.86	\$131.19	\$20.86	\$114.05	\$465.88	\$559.22				
Standby	\$38.16	\$8.48								\$46.64					

										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								\$1,538,624	D-Off	564	HP	D- 410 HP Off	1605
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$77.82	\$8.64	\$86.46		\$137.62	\$16.05	\$40.16	\$6.39	\$98.83	\$299.05	\$385.51				
Severe	\$86.47	\$8.70	\$95.17		\$178.91	\$20.86	\$131.19	\$20.86	\$116.28	\$468.10	\$563.27				
Standby	\$38.91	\$8.64								\$47.55					

\* - 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)							\$89,193				168
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.58	\$0.51	\$6.09	\$0.00	\$1.50	\$2.66	\$0.42	\$5.90	\$10.48	\$16.57			
Severe	\$6.41	\$0.52	\$6.93	\$0.00	\$1.50	\$7.69	\$1.22	\$7.27	\$17.69	\$24.62			
Standby	\$2.79	\$0.51							\$3.30				

									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)							\$112,962				210
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.92	\$0.65	\$7.57	\$0.00	\$1.50	\$3.98	\$0.63	\$7.35	\$13.47	\$21.04			
Severe	\$7.96	\$0.65	\$8.61	\$0.00	\$1.50	\$11.54	\$1.83	\$9.06	\$23.93	\$32.54			
Standby	\$3.46	\$0.65							\$4.11				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

REYNOLDS INTERNATIONAL, L.P.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
S25RI001	14CS10	SCRAPER, TOWED, PIVOT DUMP, 10.7-14 HEAPED CY, 15 TON, 10' CUT WIDTH (ADD 250 - 300 HP TRACTOR)							\$74,170	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.62	\$0.42	\$5.04	\$0.00	\$1.50	\$2.31	\$0.37	\$4.89	\$9.06	\$14.10
Severe	\$5.31	\$0.43	\$5.74	\$0.00	\$1.50	\$6.68	\$1.06	\$6.02	\$15.26	\$21.00
Standby	\$2.31	\$0.42							\$2.73	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
S25RI002	17C12 (RG)	SCRAPER, TOWED, PIVOT DUMP, 13-17 HEAPED CY, 17 TON, 12' CUT WIDTH (ADD 350 - 400 HP TRACTOR)							\$86,346	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.29	\$0.49	\$5.78	\$0.00	\$1.50	\$3.05	\$0.48	\$5.62	\$10.65	\$16.43
Severe	\$6.08	\$0.50	\$6.58	\$0.00	\$1.50	\$8.84	\$1.40	\$6.92	\$18.66	\$25.24
Standby	\$2.65	\$0.49							\$3.14	

\* - 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
									7/1/2019	Main
										Carrier
										CWT
S25RM001	RP-150CFB	SCRAPER, TOWED, 15 HEAPED CY, 17 TON, 14' CUT WIDTH (ADD 200-360 HP TRACTOR)							\$77,437	157
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.82	\$0.44	\$2.26	\$0.00	\$1.50	\$15.10	\$2.40	\$2.62	\$21.63	\$23.89
Severe	\$2.10	\$0.45	\$2.55	\$0.00	\$1.50	\$43.74	\$6.95	\$3.23	\$55.43	\$57.98
Standby	\$0.91	\$0.44							\$1.35	
									Value TEV	Engine Horsepower and Fuel Type
									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)							\$129,526	292
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.82	\$0.74	\$8.56	\$0.00	\$1.50	\$5.03	\$0.80	\$8.34	\$15.67	\$24.23
Severe	\$9.00	\$0.75	\$9.75	\$0.00	\$1.50	\$14.58	\$2.32	\$10.27	\$28.67	\$38.42
Standby	\$3.91	\$0.74							\$4.65	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

ROME PLOW CO.										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
S25RM003	RP-90CS	SCRAPER, TOWED, 9 HEAPED CY, 12.5 TON, 7' CUT WIDTH (ADD 125-200 HP TRACTOR)							\$41,330	97
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.60	\$0.24	\$2.84	\$0.00	\$0.00	\$0.71	\$0.11	\$2.74	\$3.56	\$6.40
Severe	\$2.99	\$0.24	\$3.23	\$0.00	\$0.00	\$2.04	\$0.32	\$3.38	\$5.75	\$8.98
Standby	\$1.30	\$0.24							\$1.54	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
S25RM004	RP-120CFB	SCRAPER, TOWED, 18-26 HEAPED CY, 25 TON, 10.8' CUT WIDTH (ADD 310-410 HP TRACTOR)							\$70,681	146
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.78	\$0.40	\$4.18	\$0.00	\$1.50	\$4.82	\$0.77	\$4.14	\$11.24	\$15.42
Severe	\$4.35	\$0.41	\$4.76	\$0.00	\$1.50	\$13.97	\$2.22	\$5.11	\$22.80	\$27.56
Standby	\$1.89	\$0.40							\$2.29	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
S30KJ002 13-24100 SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 100' LONG, PORTABLE, 250 TPH					\$101,063		Elec 15 HP			18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.32	\$0.55	\$8.87	\$0.99	\$0.50	\$1.75	\$0.28	\$7.96	\$11.48	\$20.35
Severe	\$10.40	\$0.56	\$10.96	\$1.19	\$0.73	\$4.93	\$0.78	\$12.09	\$19.72	\$30.68
Standby	\$4.16	\$0.55							\$4.71	
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
S30KJ004 13-30100 SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 100' LONG, PORTABLE, 500 TPH					\$118,360		Elec 15 HP			64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.86	\$0.64	\$10.50	\$0.99	\$0.50	\$1.81	\$0.29	\$9.42	\$13.00	\$23.50
Severe	\$12.32	\$0.66	\$12.98	\$1.19	\$0.73	\$5.11	\$0.81	\$14.29	\$22.13	\$35.11
Standby	\$4.93	\$0.64							\$5.57	

\* - 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
S30KJ006	13-36100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 100' LONG, PORTABLE, 750 TPH							\$117,807	Elec	30	HP		38
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$9.81	\$0.64	\$10.45	\$1.99	\$1.01	\$1.81	\$0.29	\$9.37	\$14.46	\$24.91				
Severe	\$12.26	\$0.66	\$12.92	\$2.39	\$1.46	\$5.11	\$0.81	\$14.22	\$23.99	\$36.91				
Standby	\$4.91	\$0.64							\$5.55					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
S30KJ010	31-3080	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 80' LONG, PORTABLE, 500 TPH							\$87,719	Elec	20	HP		32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.15	\$0.48	\$7.63	\$1.33	\$0.67	\$1.69	\$0.27	\$6.84	\$10.80	\$18.43				
Severe	\$8.93	\$0.49	\$9.42	\$1.59	\$0.97	\$4.75	\$0.76	\$10.39	\$18.46	\$27.88				
Standby	\$3.58	\$0.48							\$4.06					

\* - 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	
S30KJ011	31-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 100' LONG, PORTABLE, 550 TPH							\$98,545	Elec	25	HP				39
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate				
Average	\$8.02	\$0.53	\$8.55		\$1.66	\$0.84	\$1.93	\$0.31	\$7.68	\$12.42		\$20.97				
Severe	\$10.03	\$0.55	\$10.58		\$1.99	\$1.22	\$5.46	\$0.87	\$11.66	\$21.20		\$31.78				
Standby	\$4.01	\$0.53								\$4.54						
									Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier		CWT	
S30KJ035	12-3070	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 30" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 500 TPH							\$105,161	Elec	20	HP				18
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate				
Average	\$8.47	\$0.57	\$9.04		\$1.33	\$0.67	\$2.29	\$0.36	\$8.12	\$12.78		\$21.82				
Severe	\$10.59	\$0.58	\$11.17		\$1.59	\$0.97	\$6.53	\$1.04	\$12.33	\$22.45		\$33.62				
Standby	\$4.24	\$0.57								\$4.81						

\* - 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		
				7/1/2019				Main		
								Carrier		
								CWT		
S30KJ041				12-3670				SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 36" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 750 TPH		
								\$126,286 Elec 20 HP		
								19		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.37	\$0.68	\$11.05	\$1.33	\$0.67	\$2.29	\$0.36	\$9.92	\$14.58	\$25.63
Severe	\$12.96	\$0.70	\$13.66	\$1.59	\$0.97	\$6.53	\$1.04	\$15.06	\$25.19	\$38.85
Standby	\$5.19	\$0.68							\$5.87	
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
S30KJ042				1430-60-20				SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 60' LONG CONVEYOR, PORTABLE, 1,500 TPH		
								\$194,160 Elec 30 HP		
								18		
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.78	\$1.05	\$17.83	\$1.99	\$1.01	\$1.56	\$0.25	\$15.97	\$20.78	\$38.61
Severe	\$20.97	\$1.08	\$22.05	\$2.39	\$1.46	\$4.40	\$0.70	\$24.24	\$33.18	\$55.23
Standby	\$8.39	\$1.05							\$9.44	

\* - 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
									7/1/2019	Main Carrier CWT
S30KJ043			1936-3			SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 40' LONG CONVEYOR, PORTABLE, 2,000 TPH			\$201,617	Elec 15 HP 20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.45	\$1.09	\$18.54	\$0.99	\$0.50	\$1.56	\$0.25	\$16.60	\$19.91	\$38.45
Severe	\$21.81	\$1.12	\$22.93	\$1.19	\$0.73	\$4.40	\$0.70	\$25.20	\$32.22	\$55.15
Standby	\$8.73	\$1.09							\$9.82	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
S30KJ053			1436-60-20			SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 60' LONG CONVEYOR, PORTABLE, 2,000 TPH			\$126,131	Elec 40 HP 20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.65	\$0.68	\$11.33	\$2.65	\$1.34	\$1.56	\$0.25	\$10.16	\$15.97	\$27.30
Severe	\$13.32	\$0.70	\$14.02	\$3.18	\$1.94	\$4.40	\$0.70	\$15.43	\$25.65	\$39.67
Standby	\$5.33	\$0.68							\$6.01	

\* - 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
S30KJ054	1936-2	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 40' LONG CONVEYOR, PORTABLE, 1,500 TPH							\$144,868	Elec	15	HP	18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.34	\$0.78	\$13.12	\$0.99	\$0.50	\$1.56	\$0.25	\$11.76	\$15.07	\$28.19			
Severe	\$15.43	\$0.81	\$16.24	\$1.19	\$0.73	\$4.40	\$0.70	\$17.85	\$24.87	\$41.11			
Standby	\$6.17	\$0.78							\$6.95				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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							\$197,778	Elec	75	HP	125
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$16.40	\$1.07	\$17.47	\$4.97	\$2.51	\$3.64	\$0.58	\$15.68	\$27.38	\$44.85			
Severe	\$20.50	\$1.10	\$21.60	\$5.97	\$3.65	\$10.77	\$1.71	\$23.80	\$45.90	\$67.50			
Standby	\$8.20	\$1.07							\$9.27				

\* - 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	
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			\$132,006		Elec 40 HP		65	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.13	\$0.71	\$11.84	\$2.65	\$1.34	\$1.69	\$0.27	\$10.62	\$16.57	\$28.41
Severe	\$13.92	\$0.73	\$14.65	\$3.18	\$1.94	\$4.75	\$0.76	\$16.12	\$26.76	\$41.41
Standby	\$5.57	\$0.71							\$6.28	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
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			\$164,058		Elec 57.5 HP		82	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.02	\$0.89	\$14.91	\$3.81	\$1.93	\$1.69	\$0.27	\$13.36	\$21.05	\$35.96
Severe	\$17.52	\$0.91	\$18.43	\$4.57	\$2.80	\$4.75	\$0.76	\$20.27	\$33.15	\$51.58
Standby	\$7.01	\$0.89							\$7.90	

\* - 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	
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			\$193,085		Elec 60 HP		103	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.98	\$1.05	\$17.03	\$3.98	\$2.01	\$3.64	\$0.58	\$15.28	\$25.49	\$42.52
Severe	\$19.98	\$1.07	\$21.05	\$4.77	\$2.92	\$10.77	\$1.71	\$23.19	\$43.36	\$64.41
Standby	\$7.99	\$1.05							\$9.04	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
S30KJ065	13-30150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 150' LONG, PORTABLE, 500 TPH			\$195,225		Elec 57.5 HP		82	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.88	\$1.06	\$16.94	\$3.81	\$1.93	\$4.36	\$0.69	\$15.21	\$26.00	\$42.94
Severe	\$19.84	\$1.09	\$20.93	\$4.57	\$2.80	\$12.90	\$2.05	\$23.08	\$45.39	\$66.32
Standby	\$7.94	\$1.06							\$9.00	

\* - 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	
S30KJ066	13-36125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 125' LONG, PORTABLE, 750 TPH			\$171,860		Elec 67.5 HP		93	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$13.77	\$0.93	\$14.70	\$4.48	\$2.27	\$4.36	\$0.69	\$13.21	\$25.02	\$39.72
Severe	\$17.22	\$0.96	\$18.18	\$5.37	\$3.28	\$12.90	\$2.05	\$20.06	\$43.66	\$61.84
Standby	\$6.89	\$0.93							\$7.82	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
S30KJ067	13-36150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 150' LONG, PORTABLE, 750 TPH			\$201,472		Elec 82.5 HP		110	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.44	\$1.09	\$17.53	\$5.47	\$2.77	\$4.36	\$0.69	\$15.74	\$29.03	\$46.56
Severe	\$20.55	\$1.12	\$21.67	\$6.56	\$4.01	\$12.90	\$2.05	\$23.89	\$49.41	\$71.08
Standby	\$8.22	\$1.09							\$9.31	

\* - 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			\$105,531		Elec 22.5 HP		57	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.70	\$0.57	\$9.27	\$1.49	\$0.75	\$1.81	\$0.29	\$8.32	\$12.66	\$21.93
Severe	\$10.88	\$0.59	\$11.47	\$1.79	\$1.09	\$5.11	\$0.81	\$12.63	\$21.44	\$32.91
Standby	\$4.35	\$0.57							\$4.92	

					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			\$177,198		Elec 22.5 HP		65	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.88	\$0.96	\$15.84	\$1.49	\$0.75	\$2.34	\$0.37	\$14.20	\$19.16	\$35.00
Severe	\$18.59	\$0.99	\$19.58	\$1.79	\$1.09	\$6.49	\$1.03	\$21.55	\$31.96	\$51.54
Standby	\$7.44	\$0.96							\$8.40	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI										
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
S30KJ072 13-30125 SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 125' LONG, PORTABLE, 500 TPH					\$149,055		Elec 32.5 HP			71
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.97	\$0.81	\$12.78	\$2.15	\$1.09	\$3.76	\$0.60	\$11.48	\$19.07	\$31.85
Severe	\$14.96	\$0.83	\$15.79	\$2.59	\$1.58	\$11.12	\$1.77	\$17.43	\$34.49	\$50.28
Standby	\$5.99	\$0.81							\$6.80	
SourceTag					Value TEV		Engine Horsepower and Fuel Type			CWT
Model					7/1/2019		Main			Carrier
Equipment Description										
S30KJ082 11-2470 SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 24" WIDE X 70' LONG, WHEEL MTD, 250 TPH					\$66,146		Elec 10 HP			115
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.96	\$0.36	\$5.32	\$0.66	\$0.33	\$2.29	\$0.36	\$4.79	\$8.44	\$13.76
Severe	\$6.20	\$0.37	\$6.57	\$0.80	\$0.49	\$6.53	\$1.04	\$7.27	\$16.13	\$22.70
Standby	\$2.48	\$0.36							\$2.84	

\* - 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
S30KJ083	11-3050	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 50' LONG, WHEEL MTD, 500 TPH							\$51,029	Elec	15	HP		97
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.80	\$0.28	\$4.08		\$0.99	\$0.50	\$1.81	\$0.29	\$3.67	\$7.26	\$11.34			
Severe	\$4.74	\$0.28	\$5.02		\$1.19	\$0.73	\$5.11	\$0.81	\$5.57	\$13.41	\$18.43			
Standby	\$1.90	\$0.28								\$2.18				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
S30KJ084	11-3070	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH							\$68,628	Elec	20	HP		124
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.18	\$0.37	\$5.55		\$1.33	\$0.67	\$2.29	\$0.36	\$5.00	\$9.66	\$15.21			
Severe	\$6.48	\$0.38	\$6.86		\$1.59	\$0.97	\$6.53	\$1.04	\$7.60	\$17.72	\$24.58			
Standby	\$2.59	\$0.37								\$2.96				

\* - 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			\$53,562		Elec 20 HP		101	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.02	\$0.29	\$4.31	\$1.33	\$0.67	\$1.81	\$0.29	\$3.89	\$7.99	\$12.30
Severe	\$5.03	\$0.30	\$5.33	\$1.59	\$0.97	\$5.11	\$0.81	\$5.90	\$14.39	\$19.72
Standby	\$2.01	\$0.29							\$2.30	

					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			\$72,445		Elec 25 HP		137	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.52	\$0.39	\$5.91	\$1.66	\$0.84	\$2.29	\$0.36	\$5.33	\$10.49	\$16.40
Severe	\$6.91	\$0.40	\$7.31	\$1.99	\$1.22	\$6.53	\$1.04	\$8.09	\$18.86	\$26.17
Standby	\$2.76	\$0.39							\$3.15	

\* - 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
S30KJ087	11-4250	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 50' LONG, WHEEL MTD, 1,000 TPH							\$63,785	Elec	30	HP		116
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.97	\$0.35	\$5.32	\$1.99	\$1.01	\$1.75	\$0.28	\$4.78	\$9.80	\$15.12				
Severe	\$6.21	\$0.35	\$6.56	\$2.39	\$1.46	\$4.93	\$0.78	\$7.26	\$16.82	\$23.38				
Standby	\$2.49	\$0.35							\$2.84					

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
S30KJ088	11-4270	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH							\$105,692	Elec	40	HP		161
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$8.55	\$0.57	\$9.12	\$2.65	\$1.34	\$2.21	\$0.35	\$8.19	\$14.75	\$23.87				
Severe	\$10.69	\$0.59	\$11.28	\$3.18	\$1.94	\$6.30	\$1.00	\$12.44	\$24.86	\$36.14				
Standby	\$4.28	\$0.57							\$4.85					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## S30 SCREENING & CRUSHING PLANTS

**S30 0.10 CONVEYORS**

PUTZMEISTER INC.														
										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
S30PU003	TELEBELT TB 110	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 106' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR								\$598,656	D-On	400	HP	615
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$53.05	\$3.24	\$56.29	\$69.81	\$8.81	\$2.95	\$0.47	\$50.36	\$132.39	\$188.68				
Severe	\$66.32	\$3.33	\$69.65	\$83.32	\$12.54	\$9.51	\$1.51	\$76.44	\$183.32	\$252.97				
Standby	\$26.53	\$3.24							\$29.77					

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
S30PU004	TELEBELT TB 130	SCREENING & CRUSHING PLANTS, CONVEYOR, 18" WIDE X 126' LONG, 3 CY HOPPER & TREMIE, 4X8, TRUCK MTD, 360 CY/HR								\$723,598	D-On	400	HP	763
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$64.30	\$3.92	\$68.22	\$69.81	\$8.81	\$2.76	\$0.44	\$61.02	\$142.83	\$211.05				
Severe	\$80.37	\$4.02	\$84.39	\$83.32	\$12.54	\$8.78	\$1.40	\$92.62	\$198.66	\$283.05				
Standby	\$32.15	\$3.92							\$36.07					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.20 CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTO

KPI-JCI										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			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			\$608,601		D-Off 360 HP		548	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.58	\$3.08	\$24.66	\$52.56	\$6.63	\$1.60	\$0.25	\$29.26	\$90.30	\$114.96
Severe	\$35.97	\$3.18	\$39.15	\$62.74	\$9.44	\$4.15	\$0.66	\$60.96	\$137.95	\$177.10
Standby	\$10.79	\$3.08							\$13.87	

S30 0.21 CRUSHERS - CONE

KPI-JCI										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			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)			\$532,629		Elec 215 HP		340	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.83	\$2.70	\$21.53	\$14.25	\$7.21	\$1.81	\$0.29	\$30.65	\$54.21	\$75.74
Severe	\$31.39	\$2.78	\$34.17	\$17.11	\$10.46	\$4.94	\$0.79	\$68.12	\$101.42	\$135.59
Standby	\$9.42	\$2.70							\$12.12	

\* - 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		
				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)			\$653,144	Elec	315	HP		825
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.06	\$3.31	\$26.37	\$20.88	\$10.56	\$2.34	\$0.37	\$37.54	\$71.70	\$98.07
Severe	\$38.43	\$3.41	\$41.84	\$25.06	\$15.33	\$6.33	\$1.01	\$83.43	\$131.15	\$172.99
Standby	\$11.53	\$3.31							\$14.84	

NO SPECIFIC MANUFACTURER										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				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			\$445,150	Elec	500	HP		123
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$15.72	\$2.25	\$17.97	\$33.15	\$16.76	\$1.46	\$0.23	\$25.59	\$77.20	\$95.17
Severe	\$26.20	\$2.32	\$28.52	\$39.78	\$24.33	\$3.80	\$0.60	\$56.88	\$125.39	\$153.91
Standby	\$7.86	\$2.25							\$10.11	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

KPI-JCI										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			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)			\$604,604		D-Off 175 HP		590	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.33	\$3.06	\$24.39	\$25.55	\$3.22	\$2.27	\$0.36	\$18.81	\$50.21	\$74.60
Severe	\$35.54	\$3.16	\$38.70	\$30.50	\$4.59	\$6.10	\$0.97	\$40.99	\$83.15	\$121.85
Standby	\$10.67	\$3.06							\$13.73	

TELSMITH INC.										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
S30TS001	JP3258	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 32" X 58" FEED OPENING, TRAILER MTD			\$703,989		D-Off 365 HP		1260	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$24.90	\$3.57	\$28.47	\$53.29	\$6.72	\$2.13	\$0.34	\$21.96	\$84.44	\$112.91
Severe	\$41.50	\$3.68	\$45.18	\$63.61	\$9.57	\$5.53	\$0.88	\$47.85	\$127.44	\$172.62
Standby	\$12.45	\$3.57							\$16.02	

\* - Adjustable Elements

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
S30TS002	JP3244	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 32" X 44" FEED OPENING, TRAILER MTD							\$587,810	D-Off 275 HP 894
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$20.83	\$2.98	\$23.81	\$40.15	\$5.06	\$1.60	\$0.25	\$18.36	\$65.43	\$89.24
Severe	\$34.72	\$3.07	\$37.79	\$47.92	\$7.21	\$4.15	\$0.66	\$40.02	\$99.96	\$137.75
Standby	\$10.42	\$2.98							\$13.40	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
S30TS003	JP2550	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 10.5 CY HOPPER, 25" X 50" FEED OPENING, TRAILER MTD							\$546,208	D-Off 275 HP 832
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.33	\$2.77	\$22.10	\$40.15	\$5.06	\$1.60	\$0.25	\$17.04	\$64.11	\$86.21
Severe	\$32.22	\$2.85	\$35.07	\$47.92	\$7.21	\$4.15	\$0.66	\$37.15	\$97.08	\$132.15
Standby	\$9.67	\$2.77							\$12.44	

\* - Adjustable Elements

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							\$506,989	D-Off 275 HP 637
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$18.03	\$2.57	\$20.60	\$40.15	\$5.06	\$1.07	\$0.17	\$15.89	\$62.34	\$82.94
Severe	\$30.05	\$2.65	\$32.70	\$47.92	\$7.21	\$2.76	\$0.44	\$34.63	\$92.96	\$125.66
Standby	\$9.02	\$2.57							\$11.59	

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							\$14,446	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.30	\$0.08	\$1.38	\$0.00	\$0.00	\$0.00	\$0.00	\$1.41	\$1.41	\$2.79
Severe	\$1.63	\$0.08	\$1.71	\$0.00	\$0.00	\$0.00	\$0.00	\$2.20	\$2.20	\$3.91
Standby	\$0.65	\$0.08							\$0.73	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## S30 SCREENING & CRUSHING PLANTS

**S30 0.30 SCREENING PLANT**

[illegible]

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							\$226,589	Elec	85	HP		280
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$19.60	\$1.23	\$20.83	\$5.64	\$2.85	\$1.81	\$0.29	\$21.31	\$31.90	\$52.73				
Severe	\$24.49	\$1.26	\$25.75	\$6.76	\$4.13	\$5.11	\$0.81	\$33.30	\$50.12	\$75.87				
Standby	\$9.80	\$1.23							\$11.03					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## S30 SCREENING & CRUSHING PLANTS

**S30 0.30 SCREENING PLANT**

KPI-JCI														
									Value TEV	Engine Horsepower and Fuel Type				
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							\$265,625	Elec	90	HP	355	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$21.95	\$1.44	\$23.39	\$5.97	\$3.02	\$4.49	\$0.71	\$23.99	\$38.19	\$61.58				
Severe	\$27.44	\$1.48	\$28.92	\$7.16	\$4.38	\$12.79	\$2.03	\$37.48	\$63.84	\$92.76				
Standby	\$10.98	\$1.44							\$12.42					

									Value TEV	Engine Horsepower and Fuel Type				
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							\$416,880	Elec	40	HP	530	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$36.97	\$2.26	\$39.23	\$2.65	\$1.34	\$1.07	\$0.17	\$40.10	\$45.33	\$84.56				
Severe	\$46.21	\$2.32	\$48.53	\$3.18	\$1.94	\$2.76	\$0.44	\$62.66	\$70.99	\$119.52				
Standby	\$18.49	\$2.26							\$20.75					

\* - 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				
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier		CWT	
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	\$511,631		Elec	40 HP		752	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$45.22	\$2.77	\$47.99	\$2.65	\$1.34	\$1.60	\$0.25	\$49.07	\$54.91 \$102.90
Severe	\$56.53	\$2.85	\$59.38	\$3.18	\$1.94	\$4.15	\$0.66	\$76.67	\$86.60 \$145.98
Standby	\$22.61	\$2.77							\$25.38

			Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier		CWT	
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	\$457,038		Elec	3 HP		423	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$41.13	\$2.48	\$43.61	\$0.20	\$0.10	\$0.00	\$0.00	\$44.55	\$44.86 \$88.47
Severe	\$51.42	\$2.54	\$53.96	\$0.24	\$0.15	\$0.00	\$0.00	\$69.62	\$70.00 \$123.96
Standby	\$20.57	\$2.48							\$23.05

\* - 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					
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier			CWT	
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	\$465,941		Elec	10	HP			527
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$40.66	\$2.52	\$43.18	\$0.66	\$0.33	\$2.74	\$0.44	\$44.18	\$48.34	\$91.52
Severe	\$50.82	\$2.59	\$53.41	\$0.80	\$0.49	\$7.53	\$1.20	\$69.03	\$79.04	\$132.45
Standby	\$20.33	\$2.52							\$22.85	

METSO MINERALS										
			Value TEV		Engine Horsepower and Fuel Type					
SourceTag	Model	Equipment Description	7/1/2019		Main	Carrier			CWT	
S30RA002	ST2.4	MOBILE SCREENING PLANT, 2 DECKS, 6.6 CY HOPPER, 5'X12' SCREENS, 3 DISCHARGE CONVEYORS	\$238,496		D-Off	102	HP			584
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.46	\$1.29	\$22.75	\$14.89	\$1.88	\$0.00	\$0.00	\$23.25	\$40.02	\$62.77
Severe	\$26.83	\$1.33	\$28.16	\$17.78	\$2.68	\$0.00	\$0.00	\$36.33	\$56.78	\$84.94
Standby	\$10.73	\$1.29							\$12.02	

\* - 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							\$326,784	D-Off	142	HP		620
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$29.41	\$1.77	\$31.18		\$20.73	\$2.61	\$0.00	\$0.00	\$31.86	\$55.20	\$86.38			
Severe	\$36.76	\$1.82	\$38.58		\$24.75	\$3.73	\$0.00	\$0.00	\$49.78	\$78.25	\$116.83			
Standby	\$14.71	\$1.77								\$16.48				

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							\$9,441			20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.85	\$0.05	\$0.90	\$0.00	\$0.00	\$0.00	\$0.00	\$0.92	\$0.92	\$1.82		
Severe	\$1.06	\$0.05	\$1.11	\$0.00	\$0.00	\$0.00	\$0.00	\$1.44	\$1.44	\$2.55		
Standby	\$0.43	\$0.05							\$0.48			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

NO SPECIFIC MANUFACTURER										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
S30XX039	STATIC GRIZZLY 8"	GRIZZLY SCREEN, 14' W X 9' H X 8' D, 8" BAR SPACING							\$14,139	
										Carrier
										CWT
										20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.27	\$0.08	\$1.35	\$0.00	\$0.00	\$0.00	\$0.00	\$1.38	\$1.38	\$2.73
Severe	\$1.59	\$0.08	\$1.67	\$0.00	\$0.00	\$0.00	\$0.00	\$2.15	\$2.15	\$3.82
Standby	\$0.64	\$0.08							\$0.72	

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
S35WA001	EX1270	SNOW REMOVAL EQUIPMENT, SNOW PLOW, REVERSIBLE, 10' CUTTING WIDTH (ADD DUMP TRUCK)							\$19,303	
										Carrier
										CWT
										24
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.93	\$0.11	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$2.35	\$2.35	\$4.39
Standby	\$0.97	\$0.11							\$1.08	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
S35WA002	MP BLOWER	SNOW REMOVAL EQUIPMENT, LOADER MOUNTED SNOW BLOWER, 114" CUTTING WIDTH, 1800 TPH (ADD 3-3.5 CY FRONT END WHEEL LOADER)							\$188,619	D-Off	300	HP	100
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.86	\$1.12	\$19.98	\$43.80	\$5.52	\$0.00	\$0.00	\$22.98	\$72.31	\$92.29			
Standby	\$9.43	\$1.12							\$10.55				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
S35WA003	TOMCAT PLOW	SNOW REMOVAL EQUIPMENT, RUNWAY SNOW PLOW, 24' WIDE, 20' CUTTING WIDTH, 6' DISCHARGE HEIGHT, REVERSIBLE (ADD 50+ KGVW TRUCK)							\$132,296				90
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$13.23	\$0.78	\$14.01	\$0.00	\$0.00	\$0.00	\$0.00	\$16.12	\$16.12	\$30.13			
Standby	\$6.62	\$0.78							\$7.40				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION													
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
S35WA004	TU3 BLOWER	SNOW REMOVAL EQUIPMENT, TRUCK MOUNTED SNOW BLOWER, 102" CUTTING WIDTH, 2500 TPH (ADD 45K GVW TRUCK)							\$313,553	D-Off	425	HP	140
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$31.36	\$1.86	\$33.22	\$62.05	\$7.83	\$0.00	\$0.00	\$38.21	\$108.09	\$141.31			
Standby	\$15.68	\$1.86							\$17.54				
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
S35WA005	HSS 2658	SNOW REMOVAL EQUIPMENT, SNOW PLOW, 1-WAY 9.67' CUTTING WIDTH (ADD DUMP TRUCK)							\$15,493				25
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.55	\$0.09	\$1.64	\$0.00	\$0.00	\$0.00	\$0.00	\$1.89	\$1.89	\$3.53			
Standby	\$0.78	\$0.09							\$0.87				
									Value TEV		Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
S35WA006	VX58100 V PLOW	SNOW REMOVAL EQUIPMENT, SNOW PLOW, V PLOW, 10' CUTTING WIDTH (ADD DUMP TRUCK)							\$22,431				31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.24	\$0.13	\$2.37	\$0.00	\$0.00	\$0.00	\$0.00	\$2.73	\$2.73	\$5.10			
Standby	\$1.12	\$0.13							\$1.25				

\* - 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	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
S40BO001			RS446			SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE HYDROSTATIC RECLAIMER/SOIL STABILIZER, 4X2			\$721,920	D-Off 415 HP 564
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.93	\$4.18	\$60.11	\$66.46	\$8.38	\$8.81	\$1.40	\$70.73	\$155.78	\$215.89
Severe	\$69.92	\$4.27	\$74.19	\$86.00	\$10.85	\$25.62	\$4.07	\$98.81	\$225.35	\$299.54
Standby	\$27.97	\$4.18							\$32.15	

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
S40BO002			MPH-364 R-2			SOIL & ROAD STABILIZER, 12" DEEP X 9.6' WIDE, HYDROSTATIC RECLAIMER/ SOIL STABILIZER, 4X2			\$499,722	D-Off 360 HP 390
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$39.27	\$2.89	\$42.16	\$57.65	\$7.27	\$1.93	\$0.31	\$49.51	\$116.67	\$158.83
Severe	\$49.08	\$2.96	\$52.04	\$74.61	\$9.41	\$5.54	\$0.88	\$69.17	\$159.60	\$211.64
Standby	\$19.64	\$2.89							\$22.53	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

CATERPILLAR INC. ( MACHINE DIVISION)											
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
S40CA003	RM-400 LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4								\$478,933	534
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$37.42	\$2.77	\$40.19	\$81.83	\$10.32	\$2.05	\$0.33	\$47.24	\$141.76	\$181.95	
Severe	\$46.77	\$2.83	\$49.60	\$105.90	\$13.36	\$5.58	\$0.89	\$65.99	\$191.72	\$241.32	
Standby	\$18.71	\$2.77							\$21.48		
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
S40CA004	RM-500B LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4								\$629,049	592
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$48.65	\$3.64	\$52.29	\$87.44	\$11.03	\$5.22	\$0.83	\$61.54	\$166.07	\$218.36	
Severe	\$60.81	\$3.72	\$64.53	\$113.15	\$14.27	\$13.75	\$2.19	\$85.98	\$229.34	\$293.87	
Standby	\$24.33	\$3.64							\$27.97		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

S45 0.00 SPLITTERS, ROCK & CONCRETE

ELCO INTERNATIONAL INC.											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
S45DA004	SIZE 2 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, SIZE 2, 1.19" DIA X 12" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK								\$17,536	Gas 3.75 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.34	\$0.11	\$2.45	\$1.02	\$0.15	\$0.00	\$0.00	\$3.56	\$4.73	\$7.18	
Standby	\$1.17	\$0.11							\$1.28		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
S45DA005	SIZE 9 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 220 TON SPLITTING FORCE, SIZE 9, 1.75" DIA X 18" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK								\$18,994	Gas 3.75 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.53	\$0.12	\$2.65	\$1.02	\$0.15	\$0.00	\$0.00	\$3.86	\$5.02	\$7.67	
Standby	\$1.27	\$0.12							\$1.39		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
S45DA007	SIZE 12 W/ GAS POWER	HYDRAULIC SPLITTER, ROCK & CONCRETE, 385 TON SPLITTING FORCE, SIZE 12, 1.75" DIA X 26" DEEP HOLE REQ'D; INCLUDES GAS POWER PACK								\$21,438	Gas 3.75 HP 1
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.86	\$0.13	\$2.99	\$1.02	\$0.15	\$0.00	\$0.00	\$4.35	\$5.52	\$8.51	
Standby	\$1.43	\$0.13							\$1.56		

\* - 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)

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T10CA001	D3	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.17							\$4,918			15
		ACCUGRADE CY (ADD D3 TRACTOR)										
		BLADE										
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.39	\$0.03	\$0.42	\$0.00	\$0.00	\$0.00	\$0.00	\$0.48	\$0.48	\$0.90		
Severe	\$0.49	\$0.03	\$0.52	\$0.00	\$0.00	\$0.00	\$0.00	\$0.67	\$0.67	\$1.19		
Standby	\$0.20	\$0.03							\$0.23			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T10CA002	D3-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D3 (ADD							\$22,137			21
		D3 TRACTOR)										
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	\$2.15	\$2.15	\$4.05		
Severe	\$2.21	\$0.13	\$2.34	\$0.00	\$0.00	\$0.00	\$0.00	\$3.03	\$3.03	\$5.37		
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
T10CA004	D4	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.42							\$5,905			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	\$0.47	\$0.03	\$0.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.57	\$0.57	\$1.07		
Severe	\$0.59	\$0.03	\$0.62	\$0.00	\$0.00	\$0.00	\$0.00	\$0.81	\$0.81	\$1.43		
Standby	\$0.24	\$0.03							\$0.27			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T10CA005	D4-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D4 (ADD							\$22,137			21
		D4 TRACTOR)										
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	\$2.15	\$2.15	\$4.05		
Severe	\$2.21	\$0.13	\$2.34	\$0.00	\$0.00	\$0.00	\$0.00	\$3.03	\$3.03	\$5.37		
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
T10CA007	D5 XL	TRACTOR ATTACHMENTS, BLADE, ACCUGRADE, HYDRAULIC, 2.86 CY							\$6,096	
	ACCUGRADE	(ADD D5 TRACTOR)								18
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.49	\$0.04	\$0.53	\$0.00	\$0.00	\$0.00	\$0.00	\$0.59	\$0.59	\$1.12
Severe	\$0.61	\$0.04	\$0.65	\$0.00	\$0.00	\$0.00	\$0.00	\$0.83	\$0.83	\$1.48
Standby	\$0.25	\$0.04							\$0.29	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
T10CA008	D5-PA40	TRACTOR ATTACHMENTS, POWER WINCH, FOR D5 (ADD D5 TRACTOR)							\$22,430	
										26
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.79	\$0.13	\$1.92	\$0.00	\$0.00	\$0.00	\$0.00	\$2.18	\$2.18	\$4.10
Severe	\$2.24	\$0.13	\$2.37	\$0.00	\$0.00	\$0.00	\$0.00	\$3.07	\$3.07	\$5.44
Standby	\$0.90	\$0.13							\$1.03	

\* - 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)							\$20,187			57
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.61	\$0.12	\$1.73	\$0.00	\$0.00	\$0.00	\$0.00	\$1.96	\$1.96	\$3.69		
Severe	\$2.02	\$0.12	\$2.14	\$0.00	\$0.00	\$0.00	\$0.00	\$2.76	\$2.76	\$4.90		
Standby	\$0.81	\$0.12							\$0.93			

									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)							\$50,509			27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.04	\$0.29	\$4.33	\$0.00	\$0.00	\$0.00	\$0.00	\$4.91	\$4.91	\$9.24		
Severe	\$5.05	\$0.30	\$5.35	\$0.00	\$0.00	\$0.00	\$0.00	\$6.91	\$6.91	\$12.26		
Standby	\$2.02	\$0.29							\$2.31			

\* - 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)			\$18,738				77	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.50	\$0.11	\$1.61	\$0.00	\$0.00	\$0.00	\$0.00	\$1.82	\$1.82	\$3.43
Severe	\$1.87	\$0.11	\$1.98	\$0.00	\$0.00	\$0.00	\$0.00	\$2.56	\$2.56	\$4.54
Standby	\$0.75	\$0.11							\$0.86	

					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)			\$23,797				86	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.90	\$0.14	\$2.04	\$0.00	\$0.00	\$0.00	\$0.00	\$2.32	\$2.32	\$4.36
Severe	\$2.38	\$0.14	\$2.52	\$0.00	\$0.00	\$0.00	\$0.00	\$3.26	\$3.26	\$5.78
Standby	\$0.95	\$0.14							\$1.09	

\* - 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)							\$61,565				5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.93	\$0.36	\$5.29	\$0.00	\$0.00	\$0.00	\$0.00	\$5.99	\$5.99	\$11.28			
Severe	\$6.16	\$0.36	\$6.52	\$0.00	\$0.00	\$0.00	\$0.00	\$8.42	\$8.42	\$14.94			
Standby	\$2.47	\$0.36							\$2.83				

									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)							\$31,351				73
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.51	\$0.18	\$2.69	\$0.00	\$0.00	\$0.00	\$0.00	\$3.05	\$3.05	\$5.74			
Severe	\$3.14	\$0.19	\$3.33	\$0.00	\$0.00	\$0.00	\$0.00	\$4.29	\$4.29	\$7.62			
Standby	\$1.26	\$0.18							\$1.44				

\* - 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
									7/1/2019	Main
										Carrier
										CWT
T10CA017	D8-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D8, 15.30 CY (ADD D8 TRACTOR)							\$31,696	86
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.54	\$0.18	\$2.72	\$0.00	\$0.00	\$0.00	\$0.00	\$3.08	\$3.08	\$5.80
Severe	\$3.17	\$0.19	\$3.36	\$0.00	\$0.00	\$0.00	\$0.00	\$4.34	\$4.34	\$7.70
Standby	\$1.27	\$0.18							\$1.45	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main
										Carrier
										CWT
T10CA020	D8, PA140VS	TRACTOR ATTACHMENTS, POWER WINCH, (ADD D8 TRACTOR)							\$70,911	46
WINCH										
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.67	\$0.41	\$6.08	\$0.00	\$0.00	\$0.00	\$0.00	\$6.90	\$6.90	\$12.98
Severe	\$7.09	\$0.42	\$7.51	\$0.00	\$0.00	\$0.00	\$0.00	\$9.70	\$9.70	\$17.21
Standby	\$2.84	\$0.41							\$3.25	

\* - 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)							\$55,857			143
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.47	\$0.32	\$4.79	\$0.00	\$0.00	\$0.00	\$0.00	\$5.44	\$5.44	\$10.23		
Severe	\$5.59	\$0.33	\$5.92	\$0.00	\$0.00	\$0.00	\$0.00	\$7.64	\$7.64	\$13.56		
Standby	\$2.24	\$0.32							\$2.56			

									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)							\$61,597			137
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.93	\$0.36	\$5.29	\$0.00	\$0.00	\$0.00	\$0.00	\$5.99	\$5.99	\$11.28		
Severe	\$6.16	\$0.36	\$6.52	\$0.00	\$0.00	\$0.00	\$0.00	\$8.43	\$8.43	\$14.95		
Standby	\$2.47	\$0.36							\$2.83			

\* - 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)			\$119,547				6	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.56	\$0.69	\$10.25	\$0.00	\$0.00	\$0.00	\$0.00	\$11.63	\$11.63	\$21.88
Severe	\$11.95	\$0.71	\$12.66	\$0.00	\$0.00	\$0.00	\$0.00	\$16.36	\$16.36	\$29.02
Standby	\$4.78	\$0.69							\$5.47	

					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)			\$85,743				357	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.86	\$0.50	\$7.36	\$0.00	\$0.00	\$0.00	\$0.00	\$8.34	\$8.34	\$15.70
Severe	\$8.57	\$0.51	\$9.08	\$0.00	\$0.00	\$0.00	\$0.00	\$11.73	\$11.73	\$20.81
Standby	\$3.43	\$0.50							\$3.93	

\* - 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	
T10CA025	D10-U ABRASION	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D10, 28.80 CY (ADD D10 TRACTOR)	\$96,423						251	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$7.71	\$0.56	\$8.27	\$0.00	\$0.00	\$0.00	\$0.00	\$9.38	\$9.38	\$17.65
Severe	\$9.64	\$0.57	\$10.21	\$0.00	\$0.00	\$0.00	\$0.00	\$13.19	\$13.19	\$23.40
Standby	\$3.86	\$0.56							\$4.42	

SourceTag	Model	Equipment Description	Value TEV			Engine Horsepower and Fuel Type			CWT	
			7/1/2019			Main			Carrier	
T10CA026	D11-SU	TRACTOR ATTACHMENTS, BLADE, SEMI UNIVERSAL, HYDRAULIC, FOR D11, 35.60 CY (ADD D11 TRACTOR)	\$117,402						367	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.39	\$0.68	\$10.07	\$0.00	\$0.00	\$0.00	\$0.00	\$11.42	\$11.42	\$21.49
Severe	\$11.74	\$0.69	\$12.43	\$0.00	\$0.00	\$0.00	\$0.00	\$16.07	\$16.07	\$28.50
Standby	\$4.70	\$0.68							\$5.38	

\* - 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		
				7/1/2019				Main		Carrier
										CWT
T10CA027				D11-U				TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D11, 45.00 CY (ADD D11 TRACTOR)		
										423
Condition				Depreciation*				FCCM*		
				Total Ownership				Fuel*		
				FOG				Tire Wear		
				Tire Repair				Repair		
				Total Operating				Total Hourly Rate		
Average				\$11.12				\$0.80		
				\$11.92				\$0.00		
Severe				\$13.90				\$0.82		
				\$14.72				\$0.00		
Standby				\$5.56				\$0.80		
								\$6.36		

JOHN DEERE										
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				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)		
										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		
Severe				\$1.87				\$0.12		
				\$1.99				\$0.00		
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)			\$151,621		D-Off 74 HP		158	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.61	\$0.93	\$11.54	\$11.85	\$1.92	\$0.00	\$0.00	\$20.29	\$34.06	\$45.60
Severe	\$13.27	\$0.95	\$14.22	\$15.34	\$2.49	\$0.00	\$0.00	\$28.82	\$46.64	\$60.86
Standby	\$5.31	\$0.93							\$6.24	

					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			\$315,998		D-Off 138 HP		289	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$22.12	\$1.95	\$24.07	\$22.10	\$3.58	\$0.00	\$0.00	\$42.28	\$67.96	\$92.03
Severe	\$27.65	\$1.98	\$29.63	\$28.60	\$4.64	\$0.00	\$0.00	\$60.06	\$93.30	\$122.93
Standby	\$11.06	\$1.95							\$13.01	

\* - 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)			\$232,404		D-Off 92 HP		201	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.27	\$1.43	\$17.70	\$14.73	\$2.39	\$0.00	\$0.00	\$31.10	\$48.21	\$65.91
Severe	\$20.34	\$1.46	\$21.80	\$19.07	\$3.09	\$0.00	\$0.00	\$44.17	\$66.33	\$88.13
Standby	\$8.14	\$1.43							\$9.57	

					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)			\$256,552		D-Off 112 HP		220	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.96	\$1.58	\$19.54	\$17.94	\$2.91	\$0.00	\$0.00	\$34.33	\$55.18	\$74.72
Severe	\$22.45	\$1.61	\$24.06	\$23.21	\$3.76	\$0.00	\$0.00	\$48.76	\$75.73	\$99.79
Standby	\$8.98	\$1.58							\$10.56	

\* - 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)			\$455,794	D-Off	150	HP		398
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$31.91	\$2.81	\$34.72	\$24.02	\$3.90	\$0.00	\$0.00	\$60.98	\$88.90	\$123.62
Severe	\$39.88	\$2.86	\$42.74	\$31.09	\$5.04	\$0.00	\$0.00	\$86.63	\$122.76	\$165.50
Standby	\$15.96	\$2.81							\$18.77	

				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)			\$591,888	D-Off	214	HP		454
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$41.43	\$3.65	\$45.08	\$34.27	\$5.56	\$0.00	\$0.00	\$79.19	\$119.02	\$164.10
Severe	\$51.79	\$3.72	\$55.51	\$44.35	\$7.19	\$0.00	\$0.00	\$112.49	\$164.03	\$219.54
Standby	\$20.72	\$3.65							\$24.37	

\* - 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)										
									Value TEV	Engine Horsepower and Fuel Type
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)							\$131,809	D-Off 80 HP 184
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.23	\$0.81	\$10.04	\$12.81	\$2.08	\$0.00	\$0.00	\$17.64	\$32.52	\$42.56
Severe	\$11.53	\$0.83	\$12.36	\$16.58	\$2.69	\$0.00	\$0.00	\$25.05	\$44.32	\$56.68
Standby	\$4.62	\$0.81							\$5.43	

									Value TEV	Engine Horsepower and Fuel Type
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)							\$161,027	D-Off 92 HP 187
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$11.27	\$0.99	\$12.26	\$14.73	\$2.39	\$0.00	\$0.00	\$21.55	\$38.66	\$50.92
Severe	\$14.09	\$1.01	\$15.10	\$19.07	\$3.09	\$0.00	\$0.00	\$30.60	\$52.77	\$67.87
Standby	\$5.64	\$0.99							\$6.63	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

**T15 TRACTORS, CRAWLER (DOZER) (includes blade)**

**T15 0.01 0 THRU 225 HP**

[illegible]

\* - 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			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15CA011			D6T LGP TRACTOR, CRAWLER (DOZER), 258 HP, LOW GROUND PRESSURE, W/6.57 CY VARIABLE PITCH ADJUSTABLE TILT BLADE (ADD ATTACHMENTS)						\$550,207	D-Off 258 HP 485
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.51	\$3.39	\$41.90	\$41.32	\$6.70	\$0.00	\$0.00	\$73.62	\$121.64	\$163.54
Severe	\$48.14	\$3.45	\$51.59	\$53.47	\$8.67	\$0.00	\$0.00	\$104.57	\$166.71	\$218.30
Standby	\$19.26	\$3.39							\$22.65	

SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15CA020			D4K2 XL TRACTOR, CRAWLER (DOZER), 92 HP, W/2.59 CY STRAIGHT BLADE (ADD ATTACHMENTS)						\$153,088	D-Off 92 HP 180
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.72	\$0.94	\$11.66	\$14.73	\$2.39	\$0.00	\$0.00	\$20.48	\$37.60	\$49.26
Severe	\$13.40	\$0.96	\$14.36	\$19.07	\$3.09	\$0.00	\$0.00	\$29.10	\$51.26	\$65.62
Standby	\$5.36	\$0.94							\$6.30	

\* - 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			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15CA022	D5K2 LGP		TRACTOR, CRAWLER (DOZER), 104 HP, LOW GROUND PRESSURE, W/3.06 CY POWER ANGLE BLADE (ADD ATTACHMENTS)						\$252,433	D-Off 104 HP 210
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.67	\$1.56	\$19.23	\$16.65	\$2.70	\$0.00	\$0.00	\$33.78	\$53.13	\$72.36
Severe	\$22.09	\$1.58	\$23.67	\$21.55	\$3.49	\$0.00	\$0.00	\$47.98	\$73.02	\$96.69
Standby	\$8.84	\$1.56							\$10.40	

SourceTag			Equipment Description						Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15CA023	D6T XL		TRACTOR, CRAWLER (DOZER), 258 HP, W/7.26 CY SEMI-U BLADE (ADD ATTACHMENTS)						\$477,185	D-Off 258 HP 391
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$33.40	\$2.94	\$36.34	\$41.32	\$6.70	\$0.00	\$0.00	\$63.85	\$111.87	\$148.21
Severe	\$41.75	\$3.00	\$44.75	\$53.47	\$8.67	\$0.00	\$0.00	\$90.69	\$152.83	\$197.58
Standby	\$16.70	\$2.94							\$19.64	

\* - 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
									7/1/2019	Main Carrier CWT
T15CA024			D5K2 XL			TRACTOR, CRAWLER (DOZER), 104 HP, W/2.86 CY ACCUGRADE BLADE (ADD ATTACHMENTS)			\$242,866	D-Off 104 HP 203
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.00	\$1.50	\$18.50	\$16.65	\$2.70	\$0.00	\$0.00	\$32.50	\$51.85	\$70.35
Severe	\$21.25	\$1.52	\$22.77	\$21.55	\$3.49	\$0.00	\$0.00	\$46.16	\$71.20	\$93.97
Standby	\$8.50	\$1.50							\$10.00	

JOHN DEERE										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15JD006			450K			TRACTOR, CRAWLER (DOZER), 80 HP, W/2.15 CY STRAIGHT BLADE (ADD ATTACHMENTS)			\$136,029	D-Off 80 HP 175
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.52	\$0.84	\$10.36	\$12.81	\$2.08	\$0.00	\$0.00	\$18.20	\$33.09	\$43.45
Severe	\$11.90	\$0.85	\$12.75	\$16.58	\$2.69	\$0.00	\$0.00	\$25.85	\$45.12	\$57.87
Standby	\$4.76	\$0.84							\$5.60	

\* - 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)							\$209,677	D-Off 101 HP 185
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.68	\$1.29	\$15.97	\$16.17	\$2.62	\$0.00	\$0.00	\$28.05	\$46.85	\$62.82
Severe	\$18.35	\$1.32	\$19.67	\$20.93	\$3.39	\$0.00	\$0.00	\$39.85	\$64.17	\$83.84
Standby	\$7.34	\$1.29							\$8.63	

									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)							\$313,371	D-Off 165 HP 365
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.94	\$1.93	\$23.87	\$26.42	\$4.28	\$0.00	\$0.00	\$41.93	\$72.63	\$96.50
Severe	\$27.42	\$1.97	\$29.39	\$34.19	\$5.54	\$0.00	\$0.00	\$59.56	\$99.29	\$128.68
Standby	\$10.97	\$1.93							\$12.90	

\* - 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	
T15JD010	850K	TRACTOR, CRAWLER (DOZER), 187 HP, HYDROSTATIC, W/7.44 CY SEMI-U POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)			\$460,859		D-Off 187 HP		404	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$32.26	\$2.84	\$35.10	\$29.95	\$4.86	\$0.00	\$0.00	\$61.66	\$96.47	\$131.57
Severe	\$40.33	\$2.89	\$43.22	\$38.75	\$6.28	\$0.00	\$0.00	\$87.59	\$132.62	\$175.84
Standby	\$16.13	\$2.84							\$18.97	

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	
T15CA012	D7E	TRACTOR, CRAWLER (DOZER), 270 HP, W/8.98 CY SEMI-U BLADE (ADD ATTACHMENTS)			\$701,158		D-Off 270 HP		484	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$45.73	\$4.15	\$49.88	\$43.24	\$5.45	\$0.00	\$0.00	\$88.99	\$137.69	\$187.57
Severe	\$50.08	\$4.18	\$54.26	\$55.95	\$7.06	\$0.00	\$0.00	\$101.53	\$164.54	\$218.80
Standby	\$22.87	\$4.15							\$27.02	

\* - 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)			\$743,759		D-Off 270 HP		537	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$48.51	\$4.40	\$52.91	\$43.24	\$5.45	\$0.00	\$0.00	\$94.40	\$143.09	\$196.00
Severe	\$53.13	\$4.43	\$57.56	\$55.95	\$7.06	\$0.00	\$0.00	\$107.70	\$170.71	\$228.27
Standby	\$24.26	\$4.40							\$28.66	

					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)			\$886,135		D-Off 364 HP		672	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$57.79	\$5.24	\$63.03	\$58.29	\$7.35	\$0.00	\$0.00	\$112.47	\$178.11	\$241.14
Severe	\$63.30	\$5.28	\$68.58	\$75.44	\$9.52	\$0.00	\$0.00	\$128.32	\$213.27	\$281.85
Standby	\$28.90	\$5.24							\$34.14	

\* - 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)										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15CA017			D9T			TRACTOR, CRAWLER (DOZER), 448 HP, W/17.7 CY SEMI-U BLADE (ADD ATTACHMENTS)			\$1,226,281	D-Off 469 HP 801
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$79.97	\$7.25	\$87.22		\$75.11	\$9.47	\$0.00	\$0.00	\$155.64	\$240.23 \$327.45
Severe	\$87.59	\$7.30	\$94.89		\$97.20	\$12.26	\$0.00	\$0.00	\$177.57	\$287.03 \$381.92
Standby	\$39.99	\$7.25							\$47.24	

KOMATSU AMERICA INTERNATIONAL COMPANY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T15KM008			D155AX-8			TRACTOR, CRAWLER (DOZER), 354 HP, POWERSHIFT, W/15.6 CY FULL-U BLADE			\$878,614	D-Off 354 HP 893
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating Total Hourly Rate
Average	\$57.30	\$5.20	\$62.50		\$56.69	\$7.15	\$0.00	\$0.00	\$111.52	\$175.36 \$237.86
Severe	\$62.76	\$5.23	\$67.99		\$73.36	\$9.25	\$0.00	\$0.00	\$127.23	\$209.84 \$277.83
Standby	\$28.65	\$5.20							\$33.85	

\* - 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				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
T15CA018	D10T2	TRACTOR, CRAWLER (DOZER), 646 HP, POWERSHIFT, W/24.2 CY SEMI-U BLADE (ADD ATTACHMENTS)			\$1,483,545	D-Off	646	HP		1064
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$79.12	\$8.33	\$87.45	\$88.24	\$6.17	\$0.00	\$0.00	\$144.36	\$238.77	\$326.22
Severe	\$94.95	\$8.44	\$103.39	\$112.58	\$7.88	\$0.00	\$0.00	\$194.89	\$315.34	\$418.73
Standby	\$39.56	\$8.33							\$47.89	
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
T15CA019	D11T	TRACTOR, CRAWLER (DOZER), 913 HP, POWERSHIFT, W/35.6 CY SEMI-U BLADE (ADD ATTACHMENTS)			\$2,587,602	D-Off	913	HP		2298
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$138.01	\$14.53	\$152.54	\$124.71	\$8.72	\$0.00	\$0.00	\$251.79	\$385.23	\$537.77
Severe	\$165.61	\$14.71	\$180.32	\$159.11	\$11.13	\$0.00	\$0.00	\$339.92	\$510.16	\$690.48
Standby	\$69.01	\$14.53							\$83.54	

\* - 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							\$651,726	D-Off	232	HP	479
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$38.11	\$3.55	\$41.66	\$31.69	\$4.00	\$9.91	\$1.58	\$33.65	\$80.82	\$122.48			
Severe	\$41.04	\$3.57	\$44.61	\$40.43	\$5.10	\$31.71	\$5.04	\$39.26	\$121.54	\$166.15			
Standby	\$19.06	\$3.55							\$22.61				

									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							\$926,582	D-Off	434	HP	750
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$53.47	\$5.05	\$58.52	\$59.28	\$7.48	\$18.89	\$3.00	\$47.31	\$135.96	\$194.48			
Severe	\$57.58	\$5.07	\$62.65	\$75.63	\$9.54	\$60.43	\$9.61	\$55.20	\$210.41	\$273.06			
Standby	\$26.74	\$5.05							\$31.79				

\* - 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			\$1,394,485		D-Off 562 HP		1053	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$80.04	\$7.59	\$87.63	\$76.76	\$9.68	\$31.31	\$4.98	\$70.88	\$193.62	\$281.25
Severe	\$86.20	\$7.64	\$93.84	\$97.94	\$12.35	\$100.21	\$15.93	\$82.70	\$309.13	\$402.97
Standby	\$40.02	\$7.59							\$47.61	

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			\$349,872		D-Off 320 HP		339	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$29.74	\$1.96	\$31.70	\$46.72	\$5.89	\$0.00	\$0.00	\$36.99	\$89.60	\$121.30
Standby	\$14.87	\$1.96							\$16.83	

\* - 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
T25JD002	8345RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 345 HP, 3 POINT HITCH								\$374,327	D-Off 345 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$31.82	\$2.10	\$33.92	\$50.37	\$6.35	\$0.00	\$0.00	\$39.57	\$96.30	\$130.22	
Standby	\$15.91	\$2.10							\$18.01		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
T25JD003	8400R	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 400 HP, 3 POINT HITCH								\$408,265	D-Off 400 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$34.70	\$2.29	\$36.99	\$58.40	\$7.37	\$0.00	\$0.00	\$43.16	\$108.93	\$145.92	
Standby	\$17.35	\$2.29							\$19.64		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD021	6145M	TRACTOR, AGRICULTURAL, WHEEL, 145 HP, 4X4, PTO, 3 POINT HITCH			\$114,324		D-Off 161	HP	137	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.94	\$0.66	\$11.60	\$23.51	\$2.97	\$2.88	\$0.46	\$11.39	\$41.20	\$52.80
Standby	\$5.47	\$0.66							\$6.13	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD022	6175R	TRACTOR, AGRICULTURAL, WHEEL, 190HP, 4X4, PTO, 3 POINT HITCH			\$175,103		D-Off 190	HP	191	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.69	\$1.01	\$18.70	\$27.74	\$3.50	\$2.11	\$0.34	\$18.26	\$51.94	\$70.64
Standby	\$8.85	\$1.01							\$9.86	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD023	8245R	TRACTOR, AGRICULTURAL, WHEEL, 245 HP, 4X4, PTO, 3 POINT HITCH			\$264,026		D-Off 245	HP	280	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$27.09	\$1.52	\$28.61	\$35.77	\$4.51	\$2.23	\$0.36	\$27.90	\$70.77	\$99.38
Standby	\$13.55	\$1.52							\$15.07	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD024	8270R	TRACTOR, AGRICULTURAL, WHEEL, 270 HP, 4X4, PTO, 3 POINT HITCH			\$280,661		D-Off 270 HP		315	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$28.82	\$1.61	\$30.43	\$39.42	\$4.97	\$2.34	\$0.37	\$29.68	\$76.78	\$107.21
Standby	\$14.41	\$1.61							\$16.02	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD025	9370R	TRACTOR, AGRICULTURAL, WHEEL, 370 HP, 4X4, PTO, 3 POINT HITCH			\$284,870		D-Off 370 HP		400	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$26.04	\$1.64	\$27.68	\$54.02	\$6.81	\$11.21	\$1.78	\$27.32	\$101.15	\$128.83
Standby	\$13.02	\$1.64							\$14.66	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD026	9470R	TRACTOR, AGRICULTURAL, WHEEL, 470 HP, 4X4, PTO, 3 POINT HITCH			\$368,241		D-Off 470 HP		423	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$34.90	\$2.11	\$37.01	\$68.62	\$8.66	\$11.21	\$1.78	\$36.40	\$126.66	\$163.67
Standby	\$17.45	\$2.11							\$19.56	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD027	5045E	TRACTOR, AGRICULTURAL, WHEEL, 50 HP, 4X2, PTO, 3 POINT HITCH			\$22,302		D-Off 50 HP		56	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.87	\$0.13	\$2.00	\$7.30	\$0.92	\$1.27	\$0.20	\$1.99	\$11.69	\$13.69
Standby	\$0.94	\$0.13							\$1.07	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD028	5055E	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH			\$24,137		D-Off 55 HP		39	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.21	\$0.14	\$1.35	\$8.03	\$1.01	\$3.85	\$0.61	\$1.45	\$14.95	\$16.30
Standby	\$0.61	\$0.14							\$0.75	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T25JD029	5055E W/MX5 MOWER	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH, WITH 60" HEAVY DUTY ROTARY MOWER			\$55,476		D-Off 55 HP		51	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.54	\$0.32	\$4.86	\$8.03	\$1.01	\$3.85	\$0.61	\$4.86	\$18.36	\$23.22
Standby	\$2.27	\$0.32							\$2.59	

\* - 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
									7/1/2019	Main      Carrier      CWT
T25JD030      5065E      TRACTOR, AGRICULTURAL, WHEEL, 65 HP, 4X2, PTO, 3 POINT HITCH									\$25,948	D-Off   65      HP      27
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.43	\$0.15	\$2.58	\$9.49	\$1.20	\$0.81	\$0.13	\$2.54	\$14.17	\$16.75
Standby	\$1.22	\$0.15							\$1.37	

SourceTag      Model      Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main      Carrier      CWT
T25JD032      5101R      TRACTOR, AGRICULTURAL, WHEEL, 100 HP, 4X2, PTO, 3 POINT HITCH									\$55,535	D-Off   100      HP      98
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$5.28	\$0.32	\$5.60	\$14.60	\$1.84	\$1.59	\$0.25	\$5.51	\$23.79	\$29.39
Standby	\$2.64	\$0.32							\$2.96	

\* - 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			\$236,430		D-Off 121 HP		153	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$23.64	\$1.40	\$25.04	\$17.67	\$2.23	\$0.00	\$0.00	\$33.09	\$52.98	\$78.02
Severe	\$31.52	\$1.45	\$32.97	\$23.37	\$2.95	\$0.00	\$0.00	\$49.02	\$75.33	\$108.30
Standby	\$11.82	\$1.40							\$13.22	

					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			\$13,165		Gas 12 HP		15	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.30	\$0.08	\$1.38	\$3.27	\$0.41	\$0.03	\$0.01	\$1.83	\$5.54	\$6.92
Severe	\$1.74	\$0.08	\$1.82	\$4.27	\$0.54	\$0.09	\$0.01	\$2.70	\$7.62	\$9.44
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							\$13,165	Gas	16	HP		15
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.30	\$0.08	\$1.38		\$4.36	\$0.55	\$0.03	\$0.01	\$1.83	\$6.77	\$8.15			
Severe	\$1.74	\$0.08	\$1.82		\$5.69	\$0.72	\$0.09	\$0.01	\$2.70	\$9.22	\$11.04			
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							\$13,891	Gas	16	HP		19
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.39	\$0.08	\$1.47		\$4.36	\$0.55	\$0.00	\$0.00	\$1.94	\$6.85	\$8.32			
Severe	\$1.85	\$0.09	\$1.94		\$5.69	\$0.72	\$0.00	\$0.00	\$2.88	\$9.29	\$11.23			
Standby	\$0.70	\$0.08								\$0.78				

\* - 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)										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T30DW022			C30X			TRENCHER, CHAIN TYPE CUTTER, 48" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER			\$17,449	Gas 31 HP 21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.74	\$0.10	\$1.84	\$8.45	\$1.07	\$0.00	\$0.00	\$2.44	\$11.96	\$13.80
Severe	\$2.33	\$0.11	\$2.44	\$11.03	\$1.39	\$0.00	\$0.00	\$3.62	\$16.04	\$18.48
Standby	\$0.87	\$0.10							\$0.97	

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T30DW023			RT100			TRENCHER, CHAIN TYPE CUTTER, 94" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4			\$128,079	D-Off 100 HP 89
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$10.90	\$0.76	\$11.66	\$14.60	\$1.84	\$4.00	\$0.64	\$15.78	\$36.86	\$48.52
Severe	\$14.53	\$0.79	\$15.32	\$19.31	\$2.44	\$11.84	\$1.88	\$23.38	\$58.85	\$74.17
Standby	\$5.45	\$0.76							\$6.21	

\* - 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							\$35,235	D-Off	24.8	HP	31
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.46	\$0.21	\$3.67	\$3.62	\$0.46	\$0.12	\$0.02	\$4.86	\$9.07	\$12.74			
Severe	\$4.62	\$0.22	\$4.84	\$4.79	\$0.60	\$0.33	\$0.05	\$7.20	\$12.99	\$17.83			
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							\$95,796	D-Off	48.8	HP	54
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.49	\$0.57	\$10.06	\$7.13	\$0.90	\$0.19	\$0.03	\$13.30	\$21.55	\$31.61			
Severe	\$12.65	\$0.59	\$13.24	\$9.42	\$1.19	\$0.56	\$0.09	\$19.71	\$30.97	\$44.21			
Standby	\$4.75	\$0.57							\$5.32				

\* - 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			\$152,478		D-Off 74 HP		118	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$14.72	\$0.90	\$15.62	\$10.80	\$1.36	\$1.11	\$0.18	\$20.74	\$34.19	\$49.81
Severe	\$19.62	\$0.94	\$20.56	\$14.29	\$1.80	\$3.29	\$0.52	\$30.73	\$50.63	\$71.19
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			\$757,838		D-Off 225 HP		381	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$75.78	\$4.49	\$80.27	\$32.85	\$4.14	\$0.00	\$0.00	\$106.05	\$143.05	\$223.32
Severe	\$101.05	\$4.65	\$105.70	\$43.45	\$5.48	\$0.00	\$0.00	\$157.11	\$206.04	\$311.74
Standby	\$37.89	\$4.49							\$42.38	

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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
T30TM008	775	TRENCHER, CHAIN TYPE CUTTER, 6' DEEP X 18" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET							\$778,375	D-Off	225	HP		381
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$77.84	\$4.61	\$82.45		\$32.85	\$4.14	\$0.00	\$0.00	\$108.93	\$145.92		\$228.37		
Severe	\$103.78	\$4.78	\$108.56		\$43.45	\$5.48	\$0.00	\$0.00	\$161.37	\$210.30		\$318.86		
Standby	\$38.92	\$4.61								\$43.53				

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main			Carrier	CWT
T30TM012	1150	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)							\$882,970	D-Off	440	HP		1120
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$88.30	\$5.23	\$93.53		\$64.24	\$8.10	\$0.00	\$0.00	\$123.56	\$195.91		\$289.44		
Severe	\$117.73	\$5.42	\$123.15		\$84.97	\$10.72	\$0.00	\$0.00	\$183.06	\$278.74		\$401.89		
Standby	\$44.15	\$5.23								\$49.38				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)							\$1,661,634	D-Off	630	HP	2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$166.16	\$9.84	\$176.00	\$91.99	\$11.60	\$0.00	\$0.00	\$232.53	\$336.12	\$512.12				
Severe	\$221.55	\$10.20	\$231.75	\$121.66	\$15.35	\$0.00	\$0.00	\$344.49	\$481.49	\$713.24				
Standby	\$83.08	\$9.84							\$92.92					

									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)							\$1,610,290	D-Off	630	HP	2061	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$161.03	\$9.53	\$170.56	\$91.99	\$11.60	\$0.00	\$0.00	\$225.34	\$328.94	\$499.50				
Severe	\$214.71	\$9.88	\$224.59	\$121.66	\$15.35	\$0.00	\$0.00	\$333.84	\$470.85	\$695.44				
Standby	\$80.52	\$9.53							\$90.05					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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
T30TM015	1475	TRENCHER, CHAIN TYPE CUTTER, 16' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)							\$1,712,977	D-Off	630	HP	2061
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$171.30	\$10.14	\$181.44	\$91.99	\$11.60	\$0.00	\$0.00	\$239.71	\$343.31	\$524.75			
Severe	\$228.40	\$10.51	\$238.91	\$121.66	\$15.35	\$0.00	\$0.00	\$355.13	\$492.14	\$731.05			
Standby	\$85.65	\$10.14							\$95.79				

VERMEER MANUFACTURING CO.													
									Value TEV	Engine Horsepower and Fuel Type			
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							\$481,829	D-Off	185	HP	300
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$48.18	\$2.85	\$51.03	\$27.01	\$3.41	\$0.00	\$0.00	\$67.43	\$97.84	\$148.87			
Severe	\$64.24	\$2.96	\$67.20	\$35.73	\$4.51	\$0.00	\$0.00	\$99.89	\$140.13	\$207.33			
Standby	\$24.09	\$2.85							\$26.94				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

VERMEER MANUFACTURING CO.										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
T30VE009	T 655 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC							\$725,128	D-Off 250 HP
										500
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$72.51	\$4.29	\$76.80	\$36.50	\$4.60	\$0.00	\$0.00	\$101.47	\$142.58	\$219.38
Severe	\$96.68	\$4.45	\$101.13	\$48.28	\$6.09	\$0.00	\$0.00	\$150.33	\$204.70	\$305.83
Standby	\$36.26	\$4.29							\$40.55	

SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
T30VE010	T 755 III	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC							\$652,637	D-Off 275 HP
										660
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$65.26	\$3.86	\$69.12	\$40.15	\$5.06	\$0.00	\$0.00	\$91.33	\$136.54	\$205.66
Severe	\$87.02	\$4.01	\$91.03	\$53.11	\$6.70	\$0.00	\$0.00	\$135.30	\$195.11	\$286.14
Standby	\$32.63	\$3.86							\$36.49	

\* - 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			\$532,902		D-Off 380 HP		500	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$51.41	\$3.15	\$54.56	\$55.48	\$7.00	\$3.25	\$0.52	\$72.47	\$138.72	\$193.28
Severe	\$68.55	\$3.27	\$71.82	\$73.38	\$9.26	\$9.12	\$1.45	\$107.37	\$200.58	\$272.40
Standby	\$25.71	\$3.15							\$28.86	

					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			\$600,964		D-Off 430 HP		550	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$58.22	\$3.56	\$61.78	\$62.78	\$7.92	\$3.25	\$0.52	\$82.00	\$156.47	\$218.25
Severe	\$77.63	\$3.69	\$81.32	\$83.04	\$10.47	\$9.12	\$1.45	\$121.48	\$225.57	\$306.89
Standby	\$29.11	\$3.56							\$32.67	

\* - 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			\$715,336		D-Off 425 HP		820	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$71.53	\$4.23	\$75.76	\$62.05	\$7.83	\$0.00	\$0.00	\$100.10	\$169.98	\$245.74
Severe	\$95.38	\$4.39	\$99.77	\$82.07	\$10.35	\$0.00	\$0.00	\$148.30	\$240.72	\$340.49
Standby	\$35.77	\$4.23							\$40.00	

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)			\$41,798				24	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.18	\$0.25	\$4.43	\$0.00	\$0.25	\$0.00	\$0.00	\$5.09	\$5.34	\$9.77
Standby	\$2.09	\$0.25							\$2.34	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
T40AV002	815	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 5.6 TON, 33' BOOM (ADD 32,500 GVW TRUCK & FLATBED)							\$51,448		32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.14	\$0.30	\$5.44	\$0.00	\$0.25	\$0.00	\$0.00	\$6.27	\$6.52	\$11.96	
Standby	\$2.57	\$0.30							\$2.87		

									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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)							\$63,382		32
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$6.34	\$0.38	\$6.72	\$0.00	\$0.25	\$0.00	\$0.00	\$7.72	\$7.97	\$14.69	
Standby	\$3.17	\$0.38							\$3.55		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

PALFINGER INC.												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T40PA001	PC 2700	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 2.4 TON, 21' BOOM (ADD 25,000 GVW TRUCK & FLATBED)							\$9,278		9	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.93	\$0.05	\$0.98	\$0.00	\$0.35	\$0.00	\$0.00	\$1.13	\$1.48	\$2.46		
Standby	\$0.47	\$0.05							\$0.52			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T40PA002	PK 14002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 6.2 TON, 62' BOOM (ADD 28,000 GVW TRUCK & FLATBED)							\$48,289		40	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.83	\$0.29	\$5.12	\$0.00	\$0.35	\$0.00	\$0.00	\$5.88	\$6.23	\$11.35		
Standby	\$2.42	\$0.29							\$2.71			
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T40PA004	PK 30002	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 10 TON, 69' BOOM (ADD 52,000 GVW TRUCK & FLATBED)							\$64,906		64	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.49	\$0.38	\$6.87	\$0.00	\$0.40	\$0.00	\$0.00	\$7.91	\$8.31	\$15.18		
Standby	\$3.25	\$0.38							\$3.63			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## T40 TRUCK OPTIONS

**T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING**

[illegible]

\* - 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)							\$15,515				33
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.75	\$0.09	\$1.84	\$0.00	\$0.00	\$0.00	\$0.00	\$1.65	\$1.65	\$3.49			
Severe	\$2.15	\$0.09	\$2.24	\$0.00	\$0.00	\$0.00	\$0.00	\$2.33	\$2.33	\$4.57			
Standby	\$0.88	\$0.09							\$0.97				

									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)							\$12,970				21
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.46	\$0.07	\$1.53	\$0.00	\$0.00	\$0.00	\$0.00	\$1.38	\$1.38	\$2.91			
Severe	\$1.80	\$0.07	\$1.87	\$0.00	\$0.00	\$0.00	\$0.00	\$1.95	\$1.95	\$3.82			
Standby	\$0.73	\$0.07							\$0.80				

\* - 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
T40OX003	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 16 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)							\$22,235	35
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.50	\$0.12	\$2.62	\$0.00	\$0.00	\$0.00	\$0.00	\$2.37	\$2.37	\$4.99
Severe	\$3.08	\$0.13	\$3.21	\$0.00	\$0.00	\$0.00	\$0.00	\$3.33	\$3.33	\$6.54
Standby	\$1.25	\$0.12							\$1.37	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
T40OX006	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)							\$25,615	40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.88	\$0.14	\$3.02	\$0.00	\$0.00	\$0.00	\$0.00	\$2.73	\$2.73	\$5.75
Severe	\$3.55	\$0.15	\$3.70	\$0.00	\$0.00	\$0.00	\$0.00	\$3.84	\$3.84	\$7.54
Standby	\$1.44	\$0.14							\$1.58	

\* - 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
									7/1/2019	Main Carrier CWT
T40KF011	PVMXT-83C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 8'							\$6,664	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.67	\$0.04	\$0.71	\$0.00	\$0.00	\$0.00	\$0.00	\$0.61	\$0.61	\$1.32
Standby	\$0.34	\$0.04							\$0.38	
SourceTag Model Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T40KF013	PVMXT-103C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 10'							\$7,171	14
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.72	\$0.04	\$0.76	\$0.00	\$0.00	\$0.00	\$0.00	\$0.66	\$0.66	\$1.42
Standby	\$0.36	\$0.04							\$0.40	
SourceTag Model Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T40KF014	PVMXT-123C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 12'							\$8,098	16
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.81	\$0.05	\$0.86	\$0.00	\$0.00	\$0.00	\$0.00	\$0.74	\$0.74	\$1.60
Standby	\$0.41	\$0.05							\$0.46	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.30 FLATBEDS, WITH SIDES

KNAPHEIDE MANUFACTURING CO.										
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
T40KF016	PVMXT-163C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 16'							\$9,957	
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	\$0.91	\$0.91	\$1.97
Standby	\$0.50	\$0.06							\$0.56	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
T40KF018	PVMXT-203C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 20'							\$11,967	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.20	\$0.07	\$1.27	\$0.00	\$0.00	\$0.00	\$0.00	\$1.09	\$1.09	\$2.36
Standby	\$0.60	\$0.07							\$0.67	
									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main
T40KF020	PVMXT-243	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 24'							\$13,953	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$1.40	\$0.08	\$1.48	\$0.00	\$0.00	\$0.00	\$0.00	\$1.28	\$1.28	\$2.76
Standby	\$0.70	\$0.08							\$0.78	

\* - 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
									7/1/2019	Main Carrier CWT
T40KF021	KH-1416L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 10' TO 14', 7-16 TON							\$4,612	6
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	\$0.10	\$0.00	\$0.00	\$0.49	\$0.59	\$1.08
Standby	\$0.23	\$0.03							\$0.26	
SourceTag Model Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T40KF022	KH-2538L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 20' TO 24', 20-45 TON							\$9,715	15
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	\$0.10	\$0.00	\$0.00	\$1.04	\$1.14	\$2.17
Standby	\$0.49	\$0.06							\$0.55	
SourceTag Model Equipment Description									Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T40KF023	KH-1416-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 10' TO 14', 7-16 TON							\$4,096	6
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	\$0.44	\$0.49	\$0.92
Standby	\$0.21	\$0.02							\$0.23	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.										
SourceTag					Value TEV			Engine Horsepower and Fuel Type		
Model					7/1/2019			Main		Carrier
Equipment Description										CWT
T40KF024 KH-1627L-EE TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 15' TO 20', 14-37 TON					\$4,304					10
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$0.43	\$0.03	\$0.46	\$0.00	\$0.05	\$0.00	\$0.00	\$0.46	\$0.51	\$0.97
Standby	\$0.22	\$0.03							\$0.25	

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER										
SourceTag					Value TEV			Engine Horsepower and Fuel Type		
Model					7/1/2019			Main		Carrier
Equipment Description										CWT
T40XX036 10CY MIXER TRANSIT MIXER, 10 CY, HYDROSTATIC, (INCLUDES 66,000 GVW TRUCK)					\$165,126			D-On	410	HP
										274
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$16.25	\$0.95	\$17.20	\$71.56	\$10.32	\$3.54	\$0.56	\$16.50	\$102.47	\$119.67
Standby	\$8.13	\$0.95							\$9.08	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

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	
T40XX037	11CY MIXER	TRANSIT MIXER, 11 CY, HYDROSTATIC, (INCLUDES 70,000 GVW TRUCK)			\$146,116		D-On	410	HP	285	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$14.23	\$0.84	\$15.07	\$71.56	\$10.32	\$3.54	\$0.56	\$14.47	\$100.45	\$115.52	
Standby	\$7.12	\$0.84							\$7.96		

T40 0.70 ALL OTHER OPTIONS

ARROW-MASTER, INC.											
					Value TEV		Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier		CWT	
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			\$155,357		D-Off	74	HP	96	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.44	\$0.92	\$16.36	\$10.80	\$1.56	\$0.27	\$0.04	\$16.48	\$29.16	\$45.52	
Standby	\$7.72	\$0.92							\$8.64		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

NO SPECIFIC MANUFACTURER										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
T45XX001 22CY TRUCK TRAILER, BOTTOM DUMP, 22CY, 27 TON (ADD TOWING TRUCK)									\$38,053	122
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.87	\$0.21	\$3.08	\$0.00	\$0.40	\$1.40	\$0.22	\$2.78	\$4.80	\$7.88
Severe	\$3.59	\$0.21	\$3.80	\$0.00	\$0.40	\$4.45	\$0.71	\$3.97	\$9.52	\$13.32
Standby	\$1.44	\$0.21							\$1.65	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
										CWT
T45XX003 26CY TRUCK TRAILER, BOTTOM DUMP, 26CY, 30 TON (ADD TOWING TRUCK)									\$45,448	136
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.33	\$0.25	\$3.58	\$0.00	\$0.40	\$1.93	\$0.31	\$3.23	\$5.87	\$9.45
Severe	\$4.16	\$0.25	\$4.41	\$0.00	\$0.40	\$6.14	\$0.98	\$4.61	\$12.13	\$16.54
Standby	\$1.67	\$0.25							\$1.92	

\* - 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)							\$56,395				122
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.52	\$0.31	\$4.83	\$0.00	\$0.30	\$1.40	\$0.22	\$4.34	\$6.26	\$11.09			
Severe	\$5.66	\$0.31	\$5.97	\$0.00	\$0.30	\$4.45	\$0.71	\$6.20	\$11.65	\$17.62			
Standby	\$2.26	\$0.31							\$2.57				
									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)							\$57,369				126
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.61	\$0.31	\$4.92	\$0.00	\$0.30	\$1.40	\$0.22	\$4.42	\$6.35	\$11.27			
Severe	\$5.77	\$0.32	\$6.09	\$0.00	\$0.30	\$4.45	\$0.71	\$6.32	\$11.77	\$17.86			
Standby	\$2.31	\$0.31							\$2.62				

\* - 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	
T45TT003	TK BD22-403	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)							\$64,322				146
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.24	\$0.35	\$5.59	\$0.00	\$0.30	\$1.40	\$0.22	\$5.02	\$6.94	\$12.53			
Severe	\$6.55	\$0.36	\$6.91	\$0.00	\$0.30	\$4.45	\$0.71	\$7.17	\$12.62	\$19.53			
Standby	\$2.62	\$0.35							\$2.97				
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT	
T45TT004	TK BD22-433	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 43' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)							\$65,976				149
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.11	\$0.36	\$5.47	\$0.00	\$0.30	\$2.10	\$0.33	\$4.92	\$7.66	\$13.13			
Severe	\$6.39	\$0.37	\$6.76	\$0.00	\$0.30	\$6.67	\$1.06	\$7.03	\$15.06	\$21.82			
Standby	\$2.56	\$0.36							\$2.92				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

CANCADE												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45C6003	29' TANDEM	TRUCK TRAILER, END DUMP, 25 CY, DOUBLE AXLE, (W/HOIST) (ADD TOWING TRUCK)							\$79,794			150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.68	\$0.43	\$7.11	\$0.00	\$0.40	\$1.28	\$0.20	\$5.92	\$7.81	\$14.92		
Severe	\$8.35	\$0.44	\$8.79	\$0.00	\$0.40	\$4.08	\$0.65	\$8.54	\$13.66	\$22.45		
Standby	\$3.34	\$0.43							\$3.77			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45C6004	33' TRIDEM	TRUCK TRAILER, END DUMP, 30 CY, 36 TON, 32' - 3 AXLE (W/HOIST) (ADD TOWING TRUCK)							\$88,552			172
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$7.21	\$0.48	\$7.69	\$0.00	\$0.40	\$1.93	\$0.31	\$6.41	\$9.05	\$16.74		
Severe	\$9.02	\$0.49	\$9.51	\$0.00	\$0.40	\$6.11	\$0.97	\$9.25	\$16.74	\$26.25		
Standby	\$3.61	\$0.48							\$4.09			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)							\$76,716			147
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.14	\$0.42	\$6.56	\$0.00	\$0.40	\$1.93	\$0.31	\$5.47	\$8.12	\$14.68		
Severe	\$7.68	\$0.43	\$8.11	\$0.00	\$0.40	\$6.14	\$0.98	\$7.90	\$15.41	\$23.52		
Standby	\$3.07	\$0.42							\$3.49			

**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)							\$61,003			143
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.94	\$0.33	\$5.27	\$0.00	\$0.00	\$1.40	\$0.22	\$4.40	\$6.02	\$11.29		
Severe	\$6.17	\$0.34	\$6.51	\$0.00	\$0.00	\$4.45	\$0.71	\$6.34	\$11.49	\$18.00		
Standby	\$2.47	\$0.33							\$2.80			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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)							\$68,906			164
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.38	\$0.37	\$5.75		\$0.00	\$0.00	\$2.10	\$0.33	\$4.80	\$7.24	\$12.99	
Severe	\$6.72	\$0.38	\$7.10		\$0.00	\$0.00	\$6.67	\$1.06	\$6.93	\$14.66	\$21.76	
Standby	\$2.69	\$0.37								\$3.06		

**T45    0.30    PUP TRAILER**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.30 PUP TRAILER

CANCADE											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
T45C6002 17' PUP TRUCK TRAILER, PUP TRAILER, 15 CY, 17', TRIPLE AXLE (W/HOIST) (ADD TOWING TRUCK)									\$53,389		130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.06	\$0.30	\$5.36	\$0.00	\$0.40	\$1.93	\$0.31	\$4.19	\$6.82	\$12.18	
Standby	\$2.53	\$0.30							\$2.83		

NO SPECIFIC MANUFACTURER											
SourceTag									Value TEV	Engine Horsepower and Fuel Type	
Model									7/1/2019	Main	Carrier
Equipment Description											CWT
T45XX032 12CY PUP TRUCK TRAILER, PUP TRAILER, 12 CY, 14.5 TON, 2 AXLE (ADD TOWING TRUCK)									\$55,800		130
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.65	\$0.31	\$5.96	\$0.00	\$0.50	\$1.28	\$0.20	\$4.64	\$6.63	\$12.59	
Standby	\$2.83	\$0.31							\$3.14		

\* - 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
T45EA006	35GSL-BR	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE, DETATCHABLE GOOSENECK (ADD TOWING TRUCK)								\$58,707	CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.93	\$0.32	\$5.25	\$0.00	\$0.50	\$0.90	\$0.14	\$3.36	\$4.90	\$10.15	
Standby	\$2.47	\$0.32							\$2.79		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main
T45EA007	50GSL-3	TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)								\$71,790	CWT
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$5.93	\$0.39	\$6.32	\$0.00	\$0.50	\$1.35	\$0.21	\$4.05	\$6.11	\$12.43	
Standby	\$2.97	\$0.39							\$3.36		

\* - 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)							\$28,836			109
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.16	\$0.16	\$2.32	\$0.00	\$0.40	\$1.10	\$0.17	\$1.49	\$3.16	\$5.48		
Standby	\$1.08	\$0.16							\$1.24			

									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)							\$74,986			135
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$6.59	\$0.41	\$7.00	\$0.00	\$0.40	\$0.40	\$0.06	\$4.47	\$5.34	\$12.34		
Standby	\$3.30	\$0.41							\$3.71			

									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)							\$45,893			150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.43	\$0.25	\$3.68	\$0.00	\$0.40	\$1.77	\$0.28	\$2.37	\$4.82	\$8.50		
Standby	\$1.72	\$0.25							\$1.97			

\* - 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)								\$45,600		145	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.28	\$0.25	\$3.53	\$0.00	\$0.50	\$2.09	\$0.33	\$2.28	\$5.20	\$8.73			
Standby	\$1.64	\$0.25							\$1.89				

									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)								\$80,705		175	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.34	\$0.44	\$6.78	\$0.00	\$0.50	\$2.36	\$0.38	\$4.35	\$7.59	\$14.37			
Standby	\$3.17	\$0.44							\$3.61				

									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)								\$219,140		213	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$18.56	\$1.19	\$19.75	\$0.00	\$0.50	\$2.95	\$0.47	\$12.65	\$16.56	\$36.31			
Standby	\$9.28	\$1.19							\$10.47				

\* - Adjustable Elements

**Region: 8**  
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## Hourly Equipment Ownership and Operating Expense

## T45 TRUCK TRAILERS

**T45 0.41 LOWBOY, RIGID NECK, DROP DECK**

**NO SPECIFIC MANUFACTURER**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX025	25T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 25 TON, 2 AXLE (ADD TOWING TRUCK)							\$33,592			110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.81	\$0.18	\$2.99	\$0.00	\$0.10	\$0.55	\$0.09	\$1.92	\$2.65	\$5.64		
Standby	\$1.41	\$0.18							\$1.59			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX035	40T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 40 TON, 2 AXLE (ADD TOWING TRUCK)							\$37,443			110
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.96	\$0.20	\$3.16	\$0.00	\$0.40	\$1.05	\$0.17	\$2.03	\$3.65	\$6.81		
Standby	\$1.48	\$0.20							\$1.68			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

TRAIL KING INDUSTRIES, INC.												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45TT008	TK80HT	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, HYDRAULIC TAIL/RAMP (ADD TOWING TRUCK)							\$89,736		110	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$7.74	\$0.49	\$8.23		\$0.00	\$0.00	\$0.85	\$0.13	\$5.26	\$6.25	\$14.48	
Standby	\$3.87	\$0.49								\$4.36		
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45TT009	TK80SA	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, SLIDING AXLE TILT FUNCTION (ADD TOWING TRUCK)							\$102,292		110	
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$8.87	\$0.55	\$9.42		\$0.00	\$0.00	\$0.85	\$0.13	\$6.03	\$7.01	\$16.43	
Standby	\$4.44	\$0.55								\$4.99		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX026	10T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 10 TON, 2 AXLE (ADD TOWING TRUCK)							\$15,917			30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.28	\$0.09	\$1.37	\$0.00	\$0.40	\$0.39	\$0.06	\$0.88	\$1.73	\$3.10		
Standby	\$0.64	\$0.09							\$0.73			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX027	15T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 15 TON, 2 AXLE (ADD TOWING TRUCK)							\$19,706			30
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.56	\$0.11	\$1.67	\$0.00	\$0.40	\$0.55	\$0.09	\$1.07	\$2.11	\$3.78		
Standby	\$0.78	\$0.11							\$0.89			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX028	20T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT RAMPS, WOOD DECK, 20 TON, 2 AXLE (ADD TOWING TRUCK)							\$22,536			40
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.81	\$0.12	\$1.93	\$0.00	\$0.40	\$0.55	\$0.09	\$1.24	\$2.28	\$4.21		
Standby	\$0.91	\$0.12							\$1.03			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX036	7T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 7 TON CAPACITY (ADD TOWING TRUCK)							\$6,705			20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.54	\$0.04	\$0.58	\$0.00	\$0.00	\$0.16	\$0.03	\$0.37	\$0.56	\$1.14		
Standby	\$0.27	\$0.04							\$0.31			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX037	8T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 8 TON CAPACITY (ADD TOWING TRUCK)							\$7,174			20
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.57	\$0.04	\$0.61	\$0.00	\$0.00	\$0.18	\$0.03	\$0.39	\$0.61	\$1.22		
Standby	\$0.29	\$0.04							\$0.33			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX029	4K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 4,000 GAL (ADD TOWING TRUCK)							\$79,703			170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.43	\$0.48	\$5.91	\$0.00	\$0.00	\$1.40	\$0.22	\$5.42	\$7.05	\$12.96		
Standby	\$2.72	\$0.48							\$3.20			

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX030	5K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 5,000 GAL (ADD TOWING TRUCK)							\$84,828			240
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.81	\$0.51	\$6.32	\$0.00	\$0.00	\$1.40	\$0.22	\$5.80	\$7.42	\$13.74		
Standby	\$2.91	\$0.51							\$3.42			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier	CWT
T45XX031	6K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 6,000 GAL (ADD TOWING TRUCK)							\$84,462			250
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.78	\$0.50	\$6.28	\$0.00	\$0.00	\$1.40	\$0.22	\$5.77	\$7.40	\$13.68		
Standby	\$2.89	\$0.50							\$3.39			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
T45XX038	WT5C	TRUCK TRAILER, WATER TANKER, 525 GAL W/ GAS POWERED PUMP, 158 GPM (ADD TOWING TRUCK)							\$11,301	Gas	4	HP	15
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.80	\$0.07	\$0.87		\$1.09	\$0.14	\$0.13	\$0.02	\$0.79	\$2.16	\$3.03		
Standby	\$0.40	\$0.07								\$0.47			

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

## T45 TRUCK TRAILERS

T45	0.70	WATER TANKER TRAILER
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NO SPECIFIC MANUFACTURER													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
T45XX039	1025 GAL	TRUCK TRAILER, WATER TANKER, 1025 GAL TANK, 25' X 1-1/2" FIRE HOSE & NOZZLE							\$10,213	Gas	4	HP	22
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.72	\$0.06	\$0.78		\$1.09	\$0.14	\$0.12	\$0.02	\$0.71	\$2.07	\$2.85		
Standby	\$0.36	\$0.06								\$0.42			

**T45 0.90 TANK TRAILERS**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.90 TANK TRAILERS

GRACO, INC.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		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							\$71,388	D-On	40	HP	80
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$5.30	\$0.43	\$5.73		\$6.98	\$0.75	\$0.13	\$0.02	\$6.05	\$13.93	\$19.66		
Standby	\$2.65	\$0.43								\$3.08			

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	
T50GM001	SILVERADO 1500	TRUCK, HIGHWAY, 6,500 GVW, 4X2							\$40,454	Gas	310	HP		52
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.78	\$0.24	\$4.02		\$20.05	\$2.53	\$0.64	\$0.10	\$3.86	\$27.18	\$31.20			
Severe	\$5.03	\$0.25	\$5.28		\$25.78	\$3.25	\$1.77	\$0.28	\$5.51	\$36.60	\$41.88			
Standby	\$1.89	\$0.24								\$2.13				

\* - 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)							\$50,115	Gas	355	HP	60
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.69	\$0.30	\$4.99	\$22.96	\$2.90	\$0.77	\$0.12	\$4.79	\$31.54	\$36.53			
Severe	\$6.25	\$0.31	\$6.56	\$29.52	\$3.72	\$2.13	\$0.34	\$6.84	\$42.56	\$49.12			
Standby	\$2.35	\$0.30							\$2.65				

									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)							\$58,912	Gas	355	HP	60
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.57	\$0.35	\$5.92	\$22.96	\$2.90	\$0.82	\$0.13	\$5.67	\$32.48	\$38.40			
Severe	\$7.42	\$0.36	\$7.78	\$29.52	\$3.72	\$2.41	\$0.38	\$8.11	\$44.15	\$51.93			
Standby	\$2.79	\$0.35							\$3.14				

\* - 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							\$26,806	Gas 290 HP 43
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$2.60	\$0.16	\$2.76	\$18.76	\$2.37	\$0.19	\$0.03	\$2.64	\$23.98	\$26.74
Severe	\$3.47	\$0.16	\$3.63	\$24.12	\$3.04	\$0.53	\$0.08	\$3.77	\$31.54	\$35.17
Standby	\$1.30	\$0.16							\$1.46	

									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							\$35,436	Gas 385 HP 60
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.46	\$0.21	\$3.67	\$24.90	\$3.14	\$0.19	\$0.03	\$3.51	\$31.77	\$35.44
Severe	\$4.62	\$0.22	\$4.84	\$32.02	\$4.04	\$0.53	\$0.08	\$5.01	\$41.68	\$46.52
Standby	\$1.73	\$0.21							\$1.94	

\* - 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							\$37,876	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	\$24.90	\$3.14	\$0.19	\$0.03	\$3.75	\$32.01	\$35.94
Severe	\$4.94	\$0.23	\$5.17	\$32.02	\$4.04	\$0.53	\$0.08	\$5.36	\$42.03	\$47.20
Standby	\$1.86	\$0.22							\$2.08	

									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							\$32,390	Gas 325 HP 45
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.16	\$0.19	\$3.35	\$21.02	\$2.65	\$0.20	\$0.03	\$3.20	\$27.10	\$30.45
Severe	\$4.21	\$0.20	\$4.41	\$27.03	\$3.41	\$0.60	\$0.09	\$4.57	\$35.70	\$40.11
Standby	\$1.58	\$0.19							\$1.77	

\* - 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							\$37,774	Gas 385 HP 64
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.70	\$0.22	\$3.92	\$24.90	\$3.14	\$0.20	\$0.03	\$3.74	\$32.02	\$35.94
Severe	\$4.93	\$0.23	\$5.16	\$32.02	\$4.04	\$0.60	\$0.09	\$5.34	\$42.10	\$47.26
Standby	\$1.85	\$0.22							\$2.07	

									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							\$40,531	Gas 385 HP 65
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.97	\$0.24	\$4.21	\$24.90	\$3.14	\$0.20	\$0.03	\$4.02	\$32.29	\$36.50
Severe	\$5.30	\$0.25	\$5.55	\$32.02	\$4.04	\$0.60	\$0.09	\$5.74	\$42.49	\$48.04
Standby	\$1.99	\$0.24							\$2.23	

\* - 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							\$36,150	Gas 325 HP 47
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.53	\$0.21	\$3.74	\$21.02	\$2.65	\$0.19	\$0.03	\$3.58	\$27.47	\$31.21
Severe	\$4.71	\$0.22	\$4.93	\$27.03	\$3.41	\$0.53	\$0.08	\$5.11	\$36.16	\$41.09
Standby	\$1.77	\$0.21							\$1.98	

									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							\$38,999	Gas 385 HP 66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.23	\$4.05	\$24.90	\$3.14	\$0.19	\$0.03	\$3.86	\$32.13	\$36.18
Severe	\$5.09	\$0.24	\$5.33	\$32.02	\$4.04	\$0.53	\$0.08	\$5.52	\$42.19	\$47.52
Standby	\$1.91	\$0.23							\$2.14	

\* - 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							\$41,818	Gas	385	HP	66
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.10	\$0.25	\$4.35		\$24.90	\$3.14	\$0.19	\$0.03	\$4.15	\$32.41	\$36.76		
Severe	\$5.47	\$0.26	\$5.73		\$32.02	\$4.04	\$0.53	\$0.08	\$5.93	\$42.60	\$48.33		
Standby	\$2.05	\$0.25								\$2.30			

									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							\$38,963	Gas	355	HP	50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.79	\$0.23	\$4.02	\$22.96	\$2.90	\$0.28	\$0.04	\$3.84	\$30.01	\$34.03			
Severe	\$5.05	\$0.24	\$5.29	\$29.52	\$3.72	\$0.82	\$0.13	\$5.48	\$39.67	\$44.96			
Standby	\$1.90	\$0.23							\$2.13				

\* - 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							\$40,716	Gas	385	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.99	\$0.24	\$4.23	\$24.90	\$3.14	\$0.20	\$0.03	\$4.04	\$32.31	\$36.54			
Severe	\$5.32	\$0.25	\$5.57	\$32.02	\$4.04	\$0.60	\$0.09	\$5.77	\$42.52	\$48.09			
Standby	\$2.00	\$0.24							\$2.24				

									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							\$56,455	Gas	385	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$5.57	\$0.33	\$5.90	\$24.90	\$3.14	\$0.20	\$0.03	\$5.62	\$33.90	\$39.80			
Severe	\$7.42	\$0.35	\$7.77	\$32.02	\$4.04	\$0.60	\$0.09	\$8.03	\$44.78	\$52.55			
Standby	\$2.79	\$0.33							\$3.12				

\* - 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							\$46,638	D-On	475	HP	66
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.58	\$0.28	\$4.86	\$18.72	\$2.02	\$0.19	\$0.03	\$4.63	\$25.60	\$30.46			
Severe	\$6.11	\$0.29	\$6.40	\$26.74	\$2.89	\$0.53	\$0.08	\$6.62	\$36.86	\$43.26			
Standby	\$2.29	\$0.28							\$2.57				

									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							\$47,697	D-On	475	HP	67
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.66	\$0.28	\$4.94	\$18.72	\$2.02	\$0.26	\$0.04	\$4.72	\$25.76	\$30.70			
Severe	\$6.21	\$0.29	\$6.50	\$26.74	\$2.89	\$0.72	\$0.11	\$6.74	\$37.21	\$43.71			
Standby	\$2.33	\$0.28							\$2.61				

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## Hourly Equipment Ownership and Operating Expense

**T50 TRUCKS, HIGHWAY (Add attachments as required)**

**T50    0.01    0 THRU 10,000 GWV**

NO SPECIFIC MANUFACTURER														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
T50XX017	4X4 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4							\$49,627	D-On	475	HP		70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.88	\$0.29	\$5.17	\$18.72	\$2.02	\$0.20	\$0.03	\$4.94	\$25.91	\$31.08				
Severe	\$6.51	\$0.30	\$6.81	\$26.74	\$2.89	\$0.60	\$0.09	\$7.05	\$37.37	\$44.18				
Standby	\$2.44	\$0.29							\$2.73					

									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
T50XX018	4X4 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4							\$49,880	D-On	475	HP		71
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$4.82	\$0.30	\$5.12	\$18.72	\$2.02	\$0.42	\$0.07	\$4.89	\$26.12	\$31.24				
Severe	\$6.43	\$0.31	\$6.74	\$26.74	\$2.89	\$1.24	\$0.20	\$6.99	\$38.06	\$44.80				
Standby	\$2.41	\$0.30							\$2.71					

\* - 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							\$49,187	D-On 475 HP 73
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.84	\$0.29	\$5.13	\$18.72	\$2.02	\$0.19	\$0.03	\$4.89	\$25.86	\$30.99
Severe	\$6.45	\$0.30	\$6.75	\$26.74	\$2.89	\$0.53	\$0.08	\$6.99	\$37.23	\$43.98
Standby	\$2.42	\$0.29							\$2.71	

									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							\$49,948	D-On 475 HP 77
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.91	\$0.30	\$5.21	\$18.72	\$2.02	\$0.20	\$0.03	\$4.97	\$25.95	\$31.16
Severe	\$6.55	\$0.31	\$6.86	\$26.74	\$2.89	\$0.60	\$0.09	\$7.10	\$37.42	\$44.28
Standby	\$2.46	\$0.30							\$2.76	

\* - 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							\$48,279	D-On 475 HP 74
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$4.66	\$0.29	\$4.95	\$18.72	\$2.02	\$0.40	\$0.06	\$4.73	\$25.94	\$30.89
Severe	\$6.21	\$0.30	\$6.51	\$26.74	\$2.89	\$1.10	\$0.17	\$6.76	\$37.66	\$44.17
Standby	\$2.33	\$0.29							\$2.62	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
T50XX066	TRANSIT CARGO	TOOL/CARGO VAN							\$41,599	Gas 275 HP 50
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.82	\$0.25	\$4.07	\$17.79	\$2.24	\$0.82	\$0.13	\$3.91	\$24.90	\$28.97
Severe	\$5.09	\$0.26	\$5.35	\$22.87	\$2.88	\$2.26	\$0.36	\$5.59	\$33.97	\$39.32
Standby	\$1.91	\$0.25							\$2.16	

\* - 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)							\$33,577	Gas	350	HP	88
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.27	\$0.19	\$2.46	\$51.74	\$6.97	\$1.25	\$0.20	\$2.20	\$62.36	\$64.82			
Severe	\$2.84	\$0.20	\$3.04	\$66.30	\$8.93	\$3.54	\$0.56	\$2.97	\$82.30	\$85.34			
Standby	\$1.14	\$0.19							\$1.33				

									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)							\$56,833	D-On	360	HP	70
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.35	\$0.33	\$4.68	\$34.46	\$4.02	\$0.63	\$0.10	\$4.10	\$43.31	\$47.99			
Severe	\$5.43	\$0.34	\$5.77	\$44.59	\$5.20	\$1.86	\$0.30	\$5.52	\$57.47	\$63.24			
Standby	\$2.18	\$0.33							\$2.51				

\* - 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)							\$60,465	D-On	350	HP	72
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$4.62	\$0.35	\$4.97	\$33.50	\$3.91	\$0.65	\$0.10	\$4.36	\$42.53	\$47.50			
Severe	\$5.78	\$0.36	\$6.14	\$43.35	\$5.05	\$1.85	\$0.29	\$5.88	\$56.42	\$62.56			
Standby	\$2.31	\$0.35							\$2.66				

									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							\$92,426	D-On	286	HP	160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$6.98	\$0.54	\$7.52	\$27.37	\$3.19	\$1.25	\$0.20	\$6.61	\$38.62	\$46.14			
Severe	\$8.73	\$0.55	\$9.28	\$35.42	\$4.13	\$3.54	\$0.56	\$8.90	\$52.55	\$61.83			
Standby	\$3.49	\$0.54							\$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
T50XX035	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2, WITH KNAPHEIDE CRANE, 5 TON, 22' BOOM, WITH TOOL BOX REAR							\$162,004	D-On	300	HP	170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.55	\$0.94	\$13.49	\$28.71	\$3.35	\$1.25	\$0.20	\$11.82	\$45.33	\$58.82			
Severe	\$15.68	\$0.96	\$16.64	\$37.16	\$4.33	\$3.54	\$0.56	\$15.91	\$61.50	\$78.14			
Standby	\$6.28	\$0.94							\$7.22				

									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							\$120,489	D-On	330	HP	160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.23	\$0.70	\$9.93	\$31.58	\$3.68	\$1.25	\$0.20	\$8.71	\$45.42	\$55.35			
Severe	\$11.53	\$0.71	\$12.24	\$40.87	\$4.77	\$3.54	\$0.56	\$11.72	\$61.46	\$73.70			
Standby	\$4.62	\$0.70							\$5.32				

\* - 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							\$76,925	D-On	400	HP		195
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$5.74	\$0.45	\$6.19	\$38.28	\$4.46	\$1.25	\$0.20	\$5.45	\$49.65	\$55.84				
Severe	\$7.18	\$0.46	\$7.64	\$49.54	\$5.78	\$3.54	\$0.56	\$7.33	\$66.75	\$74.39				
Standby	\$2.87	\$0.45							\$3.32					

									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							\$95,239	D-On	325	HP		160
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$7.21	\$0.55	\$7.76	\$31.11	\$3.63	\$1.25	\$0.20	\$6.82	\$43.01	\$50.77				
Severe	\$9.01	\$0.56	\$9.57	\$40.25	\$4.69	\$3.54	\$0.56	\$9.18	\$58.23	\$67.80				
Standby	\$3.61	\$0.55							\$4.16					

\* - 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
									7/1/2019	Main Carrier CWT
T50XX068			2K WATER TRUCK			ON HIGHWAY WATER TRUCK, 2,000 GALLONS, 4X2			\$86,420	D-On 260 HP 155
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$6.23	\$0.50	\$6.73	\$24.88	\$2.90	\$2.12	\$0.34	\$5.95	\$36.19	\$42.92
Severe	\$7.78	\$0.51	\$8.29	\$32.20	\$3.75	\$6.10	\$0.97	\$8.01	\$51.03	\$59.32
Standby	\$3.12	\$0.50							\$3.62	

SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$107,953	D-On 300 HP 170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$8.22	\$0.63	\$8.85	\$28.71	\$3.35	\$1.25	\$0.20	\$7.77	\$41.28	\$50.13
Severe	\$10.28	\$0.64	\$10.92	\$37.16	\$4.33	\$3.54	\$0.56	\$10.46	\$56.06	\$66.98
Standby	\$4.11	\$0.63							\$4.74	

\* - 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
T50XX104	FUEL TRUCK	TRUCK, HIGHWAY, FUEL TRUCK 2,000 GALLON, 4X2							\$145,305	D-On	300	HP	155
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.21	\$0.84	\$12.05	\$28.71	\$3.35	\$1.25	\$0.20	\$10.57	\$44.08	\$56.13			
Severe	\$14.01	\$0.86	\$14.87	\$37.16	\$4.33	\$3.54	\$0.56	\$14.22	\$59.82	\$74.69			
Standby	\$5.61	\$0.84							\$6.45				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main	Carrier		CWT
T50XX105	ASPHALT TRUCK	TRUCK, HIGHWAY, ASPHALT, 2,000 GALLON, 4X2 WITH 12' SPRAY BAR							\$160,246	D-On	260	HP	155
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.41	\$0.93	\$13.34	\$24.88	\$2.90	\$1.25	\$0.20	\$11.68	\$40.92	\$54.26			
Severe	\$15.51	\$0.95	\$16.46	\$32.20	\$3.75	\$3.54	\$0.56	\$15.73	\$55.79	\$72.25			
Standby	\$6.21	\$0.93							\$7.14				

\* - 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						Value TEV	Engine Horsepower and Fuel Type
Equipment Description									7/1/2019	Main Carrier CWT
T50XX107			ROLLBACK TRUCK, HIGHWAY, ROLLBACK, 25' L BED						\$121,458	D-On 330 HP 150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$9.30	\$0.70	\$10.00	\$31.58	\$3.68	\$1.25	\$0.20	\$8.78	\$45.50	\$55.50
Severe	\$11.63	\$0.72	\$12.35	\$40.87	\$4.77	\$3.54	\$0.56	\$11.82	\$61.56	\$73.91
Standby	\$4.65	\$0.70							\$5.35	

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER										
SourceTag			Model						Value TEV	Engine Horsepower and Fuel Type
Equipment Description									7/1/2019	Main Carrier CWT
T50XX027			4X2 37KGVW TRUCK, HIGHWAY, 37,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD						\$64,508	D-On 260 HP 126
DSL			OPTIONS)							
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$3.96	\$0.37	\$4.33	\$35.13	\$4.43	\$1.25	\$0.20	\$3.77	\$44.78	\$49.11
Severe	\$4.75	\$0.37	\$5.12	\$45.38	\$5.72	\$3.54	\$0.56	\$5.21	\$60.42	\$65.54
Standby	\$1.98	\$0.37							\$2.35	

\* - 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)							\$147,063	D-On	500	HP	200
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.23	\$0.84	\$10.07	\$67.56	\$8.52	\$2.12	\$0.34	\$8.74	\$87.28	\$97.35			
Severe	\$11.08	\$0.85	\$11.93	\$87.27	\$11.01	\$6.10	\$0.97	\$12.11	\$117.45	\$129.38			
Standby	\$4.62	\$0.84							\$5.46				

									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)							\$147,429	D-On	475	HP	250
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$9.25	\$0.84	\$10.09	\$64.18	\$8.10	\$2.12	\$0.34	\$8.77	\$83.50	\$93.59			
Severe	\$11.11	\$0.85	\$11.96	\$82.90	\$10.46	\$6.10	\$0.97	\$12.14	\$112.56	\$124.52			
Standby	\$4.63	\$0.84							\$5.47				

\* - 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)							\$149,523	D-On	605	HP	197
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$9.28	\$0.85	\$10.13		\$81.75	\$10.31	\$2.55	\$0.41	\$8.81	\$103.83	\$113.96		
Severe	\$11.14	\$0.87	\$12.01		\$105.59	\$13.32	\$7.38	\$1.17	\$12.20	\$139.66	\$151.67		
Standby	\$4.64	\$0.85								\$5.49			

									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							\$172,561	D-On	460	HP	300
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.77	\$0.98	\$11.75	\$62.16	\$7.84	\$2.61	\$0.41	\$10.22	\$83.24	\$94.99			
Severe	\$12.93	\$1.00	\$13.93	\$80.28	\$10.13	\$7.36	\$1.17	\$14.15	\$113.09	\$127.02			
Standby	\$5.39	\$0.98							\$6.37				

\* - 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							\$175,572	D-On	370	HP	320
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$10.92	\$1.00	\$11.92	\$49.99	\$6.31	\$2.76	\$0.44	\$10.36	\$69.85	\$81.77			
Severe	\$13.10	\$1.02	\$14.12	\$64.58	\$8.15	\$7.70	\$1.22	\$14.35	\$95.99	\$110.11			
Standby	\$5.46	\$1.00							\$6.46				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
T50XX037	12X4 80KGVW DSL	DUMP TRUCK, HIGHWAY, 80KGVW, 6 AXLES (3 RETRACTABLE), WITH REAR 18 CY - 20 CY DUMP BODY							\$186,785	D-On	495	HP	280
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$11.56	\$1.07	\$12.63	\$66.88	\$8.44	\$3.08	\$0.49	\$10.98	\$89.87	\$102.50			
Severe	\$13.87	\$1.08	\$14.95	\$86.39	\$10.90	\$8.53	\$1.36	\$15.21	\$122.38	\$137.33			
Standby	\$5.78	\$1.07							\$6.85				

\* - 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)							\$136,077	D-On	500	HP	200
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$8.50	\$0.78	\$9.28		\$67.56	\$8.52	\$2.12	\$0.34	\$8.06	\$86.60	\$95.88		
Severe	\$10.20	\$0.79	\$10.99		\$87.27	\$11.01	\$6.10	\$0.97	\$11.16	\$116.50	\$127.49		
Standby	\$4.25	\$0.78								\$5.03			

									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							\$126,761	D-On	300	HP	170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$7.88	\$0.72	\$8.60	\$40.54	\$5.11	\$2.12	\$0.34	\$7.48	\$55.59	\$64.19			
Severe	\$9.45	\$0.73	\$10.18	\$52.36	\$6.60	\$6.10	\$0.97	\$10.35	\$76.38	\$86.56			
Standby	\$3.94	\$0.72							\$4.66				

\* - 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		
				7/1/2019				Main		
								Carrier		
								CWT		
T55CA002	772G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 40.8 CY HEAPED, 52 TON, 4X4, REAR DUMP			\$870,555	D-Off	605	HP		769
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.29	\$4.77	\$58.06	\$48.44	\$7.39	\$20.58	\$3.27	\$68.49	\$148.18	\$206.24
Severe	\$57.73	\$4.80	\$62.53	\$62.69	\$9.57	\$64.47	\$10.25	\$78.32	\$225.30	\$287.83
Standby	\$26.65	\$4.77							\$31.42	
SourceTag				Model				Equipment Description		
				Value TEV				Engine Horsepower and Fuel Type		
				7/1/2019				Main		
								Carrier		
								CWT		
T55CA003	777G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.6 CY, 100 TON, 4X4, REAR DUMP			\$1,451,171	D-Off	938	HP		1419
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$87.42	\$7.95	\$95.37	\$75.11	\$11.46	\$39.64	\$6.30	\$112.65	\$245.16	\$340.53
Severe	\$94.70	\$8.00	\$102.70	\$97.20	\$14.84	\$124.15	\$19.74	\$128.82	\$384.74	\$487.44
Standby	\$43.71	\$7.95							\$51.66	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

CATERPILLAR INC. ( MACHINE DIVISION)										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
CWT										
T55CA007	770G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 32.9 CY HEAPED, 42 TON, 4X4, REAR DUMP							\$693,218	D-Off 515 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$42.12	\$3.80	\$45.92	\$41.24	\$6.29	\$17.03	\$2.71	\$54.20	\$121.47	\$167.39
Severe	\$45.63	\$3.82	\$49.45	\$53.36	\$8.14	\$53.34	\$8.48	\$61.98	\$185.31	\$234.76
Standby	\$21.06	\$3.80							\$24.86	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
CWT										
T55CA031	773G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 46.8 CY, 67.8 TON, 4X4, REAR DUMP							\$953,201	D-Off 825 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$54.86	\$5.22	\$60.08	\$66.06	\$10.08	\$39.64	\$6.30	\$71.22	\$193.31	\$253.39
Severe	\$59.43	\$5.25	\$64.68	\$85.49	\$13.05	\$124.15	\$19.74	\$81.44	\$323.88	\$388.56
Standby	\$27.43	\$5.22							\$32.65	

\* - 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
T55KM009	HD325-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 31.4 CY, 44 TON, 4X4, REAR DUMP								\$839,622	D-Off 518 HP 1547
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$51.69	\$4.60	\$56.29	\$41.48	\$6.33	\$17.79	\$2.83	\$66.38	\$134.81	\$191.10	
Severe	\$56.00	\$4.63	\$60.63	\$53.68	\$8.19	\$57.61	\$9.16	\$75.91	\$204.55	\$265.18	
Standby	\$25.85	\$4.60							\$30.45		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T55KM012	HD785-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.5 CY, 100 TON, 4X4, REAR DUMP								\$1,458,241	D-Off 1200 HP 3660
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$87.88	\$7.99	\$95.87	\$96.08	\$14.67	\$41.41	\$6.58	\$113.24	\$271.97	\$367.84	
Severe	\$95.20	\$8.04	\$103.24	\$124.34	\$18.98	\$134.08	\$21.32	\$129.49	\$428.21	\$531.45	
Standby	\$43.94	\$7.99							\$51.93		

\* - 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							\$2,484,307	D-Off 2000 HP 7150
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$143.52	\$13.60	\$157.12	\$160.14	\$24.44	\$104.91	\$16.68	\$186.21	\$492.39	\$649.51
Severe	\$155.48	\$13.69	\$169.17	\$207.24	\$31.63	\$339.72	\$54.02	\$212.94	\$845.54	\$1,014.71
Standby	\$71.76	\$13.60							\$85.36	

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							\$460,898	D-Off 320 HP 508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$38.97	\$2.60	\$41.57	\$36.17	\$3.07	\$9.80	\$1.56	\$44.46	\$95.06	\$136.63
Severe	\$41.14	\$2.61	\$43.75	\$43.71	\$3.71	\$31.75	\$5.05	\$49.86	\$134.07	\$177.82
Standby	\$19.49	\$2.60							\$22.09	

\* - 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	
T55CA004	730C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 23 CY, 31 TON, 6X6, REAR DUMP			\$521,328		D-Off 375 HP		518	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.38	\$2.94	\$47.32	\$42.39	\$3.59	\$9.80	\$1.56	\$50.57	\$107.92	\$155.24
Severe	\$46.84	\$2.95	\$49.79	\$51.22	\$4.34	\$31.75	\$5.05	\$56.72	\$149.08	\$198.87
Standby	\$22.19	\$2.94							\$25.13	

					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
T55CA005	735	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY HEAPED, 36 TON, 6X6, REAR DUMP			\$649,845		D-Off 435 HP		692	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.83	\$3.66	\$57.49	\$49.17	\$4.17	\$18.65	\$2.97	\$61.61	\$136.57	\$194.06
Severe	\$56.82	\$3.68	\$60.50	\$59.42	\$5.04	\$60.40	\$9.60	\$69.10	\$203.56	\$264.06
Standby	\$26.92	\$3.66							\$30.58	

\* - 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							\$731,831	D-Off	449	HP		705
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$61.17	\$4.12	\$65.29	\$50.75	\$4.30	\$18.65	\$2.97	\$69.91	\$146.58	\$211.87				
Severe	\$64.56	\$4.15	\$68.71	\$61.33	\$5.20	\$60.40	\$9.60	\$78.40	\$214.94	\$283.65				
Standby	\$30.59	\$4.12							\$34.71					

									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							\$746,163	D-Off	511	HP		727
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$62.45	\$4.20	\$66.65	\$57.76	\$4.90	\$18.65	\$2.97	\$71.36	\$155.63	\$222.28				
Severe	\$65.92	\$4.23	\$70.15	\$69.80	\$5.92	\$60.40	\$9.60	\$80.03	\$225.76	\$295.91				
Standby	\$31.23	\$4.20							\$35.43					

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$441,033	D-Off	231	HP		496
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$37.96	\$2.48	\$40.44		\$26.11	\$2.21	\$6.20	\$0.99	\$43.19	\$78.70		\$119.14		
Severe	\$40.07	\$2.50	\$42.57		\$31.55	\$2.68	\$19.42	\$3.09	\$48.44	\$105.16		\$147.73		
Standby	\$18.98	\$2.48								\$21.46				

									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							\$494,786	D-Off	354	HP		504
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating		Total Hourly Rate		
Average	\$42.77	\$2.79	\$45.56		\$40.02	\$3.39	\$6.20	\$0.99	\$48.63	\$99.22		\$144.78		
Severe	\$45.15	\$2.80	\$47.95		\$48.35	\$4.10	\$19.42	\$3.09	\$54.54	\$129.49		\$177.44		
Standby	\$21.39	\$2.79								\$24.18				

\* - 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
T55JD003	370E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY, 37 TON, 6X6, REAR DUMP							\$548,101	D-Off 422 HP 679
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$44.73	\$3.09	\$47.82	\$47.70	\$4.04	\$17.86	\$2.84	\$51.31	\$123.76	\$171.58
Severe	\$47.21	\$3.10	\$50.31	\$57.64	\$4.89	\$55.93	\$8.89	\$57.55	\$184.90	\$235.21
Standby	\$22.37	\$3.09							\$25.46	

									Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description							7/1/2019	Main Carrier CWT
T55JD004	410E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY, 41 TON, 6X6, REAR DUMP							\$651,521	D-Off 443 HP 702
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$53.98	\$3.67	\$57.65	\$50.08	\$4.25	\$17.86	\$2.84	\$61.78	\$136.80	\$194.45
Severe	\$56.98	\$3.69	\$60.67	\$60.51	\$5.13	\$55.93	\$8.89	\$69.29	\$199.75	\$260.42
Standby	\$26.99	\$3.67							\$30.66	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY										
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									7/1/2019	Main Carrier CWT
T55KM015			HM300-5			TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.4 CY, 31 TON, 6 X 6, REAR DUMP			\$746,893	D-Off 332 HP 1179
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$64.56	\$4.21	\$68.77	\$37.53	\$3.18	\$9.38	\$1.49	\$73.40	\$124.99	\$193.76
Severe	\$68.15	\$4.23	\$72.38	\$45.35	\$3.85	\$29.39	\$4.67	\$82.32	\$165.58	\$237.96
Standby	\$32.28	\$4.21							\$36.49	
SourceTag			Model			Equipment Description			Value TEV	Engine Horsepower and Fuel Type
									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			\$667,573	D-Off 473 HP 1626
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$55.42	\$3.76	\$59.18	\$53.47	\$4.53	\$17.86	\$2.84	\$63.40	\$142.10	\$201.28
Severe	\$58.49	\$3.78	\$62.27	\$64.61	\$5.48	\$55.93	\$8.89	\$71.11	\$206.02	\$268.29
Standby	\$27.71	\$3.76							\$31.47	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T55VO003	A45G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 34.3 CY, 45 TON, 6X6, REAR DUMP								\$933,501	D-Off 479 HP 685
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$77.41	\$5.26	\$82.67	\$54.15	\$4.59	\$25.30	\$4.02	\$88.58	\$176.65	\$259.32	
Severe	\$81.71	\$5.29	\$87.00	\$65.43	\$5.55	\$79.24	\$12.60	\$99.35	\$262.17	\$349.17	
Standby	\$38.71	\$5.26							\$43.97		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T55VO004	A35G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 28.9 CY, 38 TON, 6X6, REAR DUMP								\$834,017	D-Off 451 HP 646
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$71.75	\$4.70	\$76.45	\$50.98	\$4.32	\$11.90	\$1.89	\$81.63	\$150.73	\$227.18	
Severe	\$75.73	\$4.72	\$80.45	\$61.60	\$5.22	\$37.28	\$5.93	\$91.55	\$201.58	\$282.03	
Standby	\$35.88	\$4.70							\$40.58		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP											
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
T55VO005	A30G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 24.1 CY, 32 TON, 6X6, REAR DUMP								\$647,024	520
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$53.61	\$3.64	\$57.25	\$40.13	\$3.40	\$17.74	\$2.82	\$61.35	\$125.44	\$182.69	
Severe	\$56.58	\$3.67	\$60.25	\$48.49	\$4.11	\$55.56	\$8.83	\$68.81	\$185.80	\$246.05	
Standby	\$26.81	\$3.64							\$30.45		
										Value TEV	
										Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description								7/1/2019	CWT
T55VO006	A40G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.3 CY, 40 TON, 6X6, REAR DUMP								\$886,037	677
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$73.16	\$4.99	\$78.15	\$53.02	\$4.50	\$25.30	\$4.02	\$83.78	\$170.62	\$248.77	
Severe	\$77.23	\$5.02	\$82.25	\$64.06	\$5.43	\$79.24	\$12.60	\$93.96	\$255.29	\$337.54	
Standby	\$36.58	\$4.99							\$41.57		

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T57 0.00 TRUCKS, VACUUM

NO SPECIFIC MANUFACTURER											
										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T57XX003	4K VACUUM TRUCK	TRUCK, VACUUM, 4,000 GAL, 532 CFM, INCLUDES TRUCK CHASSIS								\$190,109	D-On 360 HP 230
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$15.09	\$1.10	\$16.19	\$62.83	\$8.43	\$0.35	\$0.06	\$18.42	\$90.08	\$106.27	
Standby	\$7.55	\$1.10							\$8.65		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T57XX004	2K VACUUM TRUCK	TRUCK, VACUUM, 3,600 GAL, 3,000 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS								\$365,495	D-On 300 HP 200
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$29.12	\$2.12	\$31.24	\$52.36	\$6.85	\$0.35	\$0.06	\$35.52	\$95.14	\$126.38	
Standby	\$14.56	\$2.12							\$16.68		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T57XX090	HURRICANE 500	2350 CFM TRAILER MOUNTED VACUUM, CONTAINS ALL STANDARD AND WASTE FEATURES REQUIRED FOR ASBESTOS								\$150,923	D-Off 173 HP 204
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$12.02	\$0.87	\$12.89	\$25.26	\$3.19	\$0.13	\$0.02	\$14.66	\$43.26	\$56.15	
Standby	\$6.01	\$0.87							\$6.88		

\* - 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.

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
T60KI001	KT-50D	TRUCK, WATER, OFF-HIGHWAY, 5,000 GAL, W/CAT 621K TRACTOR							\$950,898	D-Off	407	HP	789
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$60.14	\$5.42	\$65.56	\$59.43	\$8.57	\$15.45	\$2.46	\$63.91	\$149.82	\$215.38			
Severe	\$72.17	\$5.51	\$77.68	\$78.60	\$11.33	\$50.69	\$8.06	\$87.65	\$236.34	\$314.02			
Standby	\$30.07	\$5.42							\$35.49				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
T60KI002	KT-60	TRUCK, WATER, OFF-HIGHWAY, 6,000 GAL, W/CAT 621K TRACTOR							\$956,135	D-Off	407	HP	789
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$60.49	\$5.45	\$65.94		\$59.43	\$8.57	\$15.45	\$2.46	\$64.28	\$150.19	\$216.13		
Severe	\$72.59	\$5.54	\$78.13		\$78.60	\$11.33	\$50.69	\$8.06	\$88.16	\$236.84	\$314.97		
Standby	\$30.25	\$5.45								\$35.70			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.										
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
CWT										
T60KI003	KT-80	TRUCK, WATER, OFF-HIGHWAY, 8,000 GAL, W/CAT 621K TRACTOR							\$961,372	D-Off 407 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$60.84	\$5.48	\$66.32	\$59.43	\$8.57	\$15.45	\$2.46	\$64.65	\$150.55	\$216.87
Severe	\$73.00	\$5.57	\$78.57	\$78.60	\$11.33	\$50.69	\$8.06	\$88.66	\$237.34	\$315.91
Standby	\$30.42	\$5.48							\$35.90	
SourceTag									Value TEV	Engine Horsepower and Fuel Type
Model									7/1/2019	Main
Equipment Description										Carrier
CWT										
T60KI004	KT-100	TRUCK, WATER, OFF-HIGHWAY, 10,000 GAL, W/CAT 631K TRACTOR							\$1,304,917	D-Off 570 HP
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$83.14	\$7.44	\$90.58	\$83.23	\$12.00	\$18.32	\$2.91	\$88.22	\$204.68	\$295.26
Severe	\$99.76	\$7.56	\$107.32	\$110.07	\$15.87	\$60.09	\$9.55	\$120.99	\$316.57	\$423.89
Standby	\$41.57	\$7.44							\$49.01	

\* - 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							\$1,941,879	D-Off 564 HP 1508
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$124.16	\$11.08	\$135.24	\$82.35	\$11.87	\$25.16	\$4.00	\$131.66	\$255.04	\$390.28
Severe	\$148.99	\$11.24	\$160.23	\$108.91	\$15.70	\$82.53	\$13.12	\$180.56	\$400.83	\$561.06
Standby	\$62.08	\$11.08							\$73.16	

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 TIRED (ADD DRILL BITS AND DRILL STEEL COST)							\$1,287,768	Elec 212 HP D-Off 161 HP 816
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$77.51	\$7.01	\$84.52	\$21.85	\$10.29	\$3.21	\$0.51	\$95.55	\$131.41	\$215.93
Standby	\$38.76	\$7.01							\$45.77	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
T65WG016	WE3 C	TUNNELING DRILL, 4 BOOM, 700-2,015 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)								\$1,762,250	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	\$106.32	\$9.60	\$115.92	\$32.35	\$15.21	\$3.21	\$0.51	\$131.01	\$182.29	\$298.21	
Standby	\$53.16	\$9.60							\$62.76		

										Value TEV	Engine Horsepower and Fuel Type
SourceTag	Model	Equipment Description								7/1/2019	Main Carrier CWT
T65WG017	XE3C	TUNNELING DRILL, 4 BOOM, 2,130 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)								\$1,767,271	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	\$106.62	\$9.62	\$116.24	\$32.35	\$15.21	\$3.21	\$0.51	\$131.39	\$182.67	\$298.91	
Standby	\$53.31	\$9.62							\$62.93		

\* - 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
W25XX005	1500 PSI, 1.6 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 1.6 GPM							\$848	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		\$0.19	\$0.09	\$0.00	\$0.00	\$0.28	\$0.56	\$0.74		
Standby	\$0.09	\$0.01								\$0.10			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25XX006	1500 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 3 GPM							\$1,714	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	\$0.36	\$0.16	\$0.00	\$0.00	\$0.57	\$1.10	\$1.45			
Standby	\$0.17	\$0.01							\$0.18				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25XX007	2000 PSI, 1.9 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 2,000 PSI, 1.9 GPM							\$1,599	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	\$0.31	\$0.14	\$0.00	\$0.00	\$0.54	\$0.99	\$1.32			
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
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		\$0.78	\$0.35	\$0.00	\$0.00	\$0.89	\$2.02	\$2.57		
Standby	\$0.27	\$0.02								\$0.29			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25XX009	1000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 1,000 PSI, 3 GPM, 120V, 1P (ELECTRIC FIRED)							\$4,237	Elec	3.2	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	\$0.31	\$0.14	\$0.00	\$0.00	\$1.42	\$1.87	\$2.75			
Standby	\$0.43	\$0.03							\$0.46				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25XX010	3000 PSI, 4 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 3,000 PSI, 4 GPM, 440V, 3P (ELECTRIC FIRED)							\$5,823	Elec	24	HP	8
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.16	\$0.04	\$1.20	\$2.33	\$1.05	\$0.00	\$0.00	\$1.95	\$5.33	\$6.53			
Standby	\$0.58	\$0.04							\$0.62				

\* - 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							\$622	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		\$0.15	\$0.07	\$0.00	\$0.00	\$0.21	\$0.43	\$0.55		
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							\$925	Gas	5.5	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	\$2.19	\$0.24	\$0.00	\$0.00	\$0.31	\$2.74	\$2.94			
Standby	\$0.10	\$0.01							\$0.11				

									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							\$406	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	\$2.58	\$0.28	\$0.00	\$0.00	\$0.14	\$3.00	\$3.08			
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							\$1,488	Gas	12	HP	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		\$4.77	\$0.52	\$0.00	\$0.00	\$0.50	\$5.78	\$6.09		
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							\$2,141	Elec	1.5	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.43	\$0.01	\$0.44	\$0.15	\$0.07	\$0.00	\$0.00	\$0.72	\$0.94	\$1.38			
Standby	\$0.22	\$0.01							\$0.23				

									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							\$2,489	Elec	2	HP	4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$0.50	\$0.02	\$0.52	\$0.19	\$0.09	\$0.00	\$0.00	\$0.83	\$1.11	\$1.63			
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							\$2,705	Elec	5	HP	4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.54	\$0.02	\$0.56		\$0.48	\$0.22	\$0.00	\$0.00	\$0.91	\$1.60	\$2.16		
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							\$4,109	Gas	12	HP	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	\$4.77	\$0.52	\$0.00	\$0.00	\$1.38	\$6.66	\$7.51			
Standby	\$0.41	\$0.03							\$0.44				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION										
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
W25NL006	40145D	WATER BLASTER, HIGH PRESSURE, 40,000 PSI, 4.8 GPM, TRAILER MTD			\$110,070		D-Off 125 HP		55	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$21.90	\$0.72	\$22.62	\$26.49	\$3.34	\$0.11	\$0.02	\$40.07	\$70.03	\$92.65
Standby	\$10.95	\$0.72							\$11.67	
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
W25NL007	20145D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 10 GPM, TRAILER MTD			\$96,663		D-Off 125 HP		55	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$19.22	\$0.64	\$19.86	\$26.49	\$3.34	\$0.11	\$0.02	\$35.17	\$65.13	\$84.99
Standby	\$9.61	\$0.64							\$10.25	
					Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description			7/1/2019		Main	Carrier	CWT	
W25NL008	10145D	WATER BLASTER, HIGH PRESSURE, 10,000 PSI, 19.5 GPM, TRAILER MTD			\$90,380		D-Off 125 HP		55	
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	\$17.96	\$0.59	\$18.55	\$26.49	\$3.34	\$0.11	\$0.02	\$32.88	\$62.83	\$81.38
Standby	\$8.98	\$0.59							\$9.57	

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25NL009	335 DHW-TRA-SA	WATTER BLASTER, HIGH PRESSURE, 3,500 PSI, 15 GPM, TRAILER MTD							\$55,121	D-Off	66	HP	49
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$10.97	\$0.36	\$11.33		\$13.99	\$1.76	\$0.05	\$0.01	\$20.07	\$35.89	\$47.22		
Standby	\$5.49	\$0.36								\$5.85			

NO SPECIFIC MANUFACTURER														
									Value TEV	Engine Horsepower and Fuel Type				
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT	
W25XX017	5000 PSI (GAS)	PRESSURE WASHER, HIGH PRESSURE, COLD WATER, 5000 PSI, 5.0 GPM, CART MTD							\$4,415	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		\$9.93	\$1.07	\$0.00	\$0.00	\$1.61	\$12.62	\$13.53			
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.													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25AO002	122	WATER BLASTER, OIL FIRED, STEAM CLEANER, 400 PSI, 1.7 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)							\$5,777	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	\$0.10	\$0.79	\$0.00	\$0.00	\$1.94	\$2.83	\$4.03			
Standby	\$0.58	\$0.04							\$0.62				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25AO003	181	WATER BLASTER, LP FIRED, STEAM CLEANER, 250 PSI, 3.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)							\$10,671	Elec	2.3	HP	6
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.13	\$0.07	\$2.20	\$0.22	\$0.85	\$0.00	\$0.00	\$3.58	\$4.64	\$6.84			
Standby	\$1.07	\$0.07							\$1.14				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W25AO004	240	WATER BLASTER, OIL FIRED, STEAM CLEANER, 350 PSI, 4.0 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)							\$8,792	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	\$0.22	\$1.10	\$0.00	\$0.00	\$2.95	\$4.27	\$6.09			
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.															
										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
W25AO005	301	WATER BLASTER, LP FIRED, STEAM CLEANER, 400 PSI, 5.0 GPM, REQ 230V POWER (ADD COST FOR HEATING LP)								\$18,135	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		\$0.39	\$1.68	\$0.00	\$0.00	\$6.08	\$8.14	\$11.89				
Standby	\$1.82	\$0.12								\$1.94					

										Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier		CWT
W25AO006	241	WATER BLASTER, LP FIRED, STEAM GENERATOR, 100 PSI, 1.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)								\$12,872	Elec	2.3	HP		8
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate				
Average	\$2.57	\$0.08	\$2.65		\$0.22	\$0.85	\$0.00	\$0.00	\$4.31	\$5.38	\$8.03				
Standby	\$1.29	\$0.08								\$1.37					

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET														
									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
W25CJ001	XCEL6	CARBON DIOXIDE (CO2) BLASTER, 88 LBS/HR, SINGLE HOSE DELIVERY, 145 PSI MAX BLASTING PRESSURE (ADD 150 CFM COMPRESSOR)							\$15,544	Elec	1	HP		1
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$2.07	\$0.10	\$2.17		\$0.07	\$0.04	\$0.00	\$0.00	\$3.16	\$3.27	\$5.44			
Standby	\$1.04	\$0.10								\$1.14				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
W25CJ002	AERO 80FP	CARBON DIOXIDE (CO2) BLASTER, 420 LBS/HR, SINGLE HOSE DELIVERY, 300 PSI MAX BLASTING PRESSURE (ADD 150-200 CFM COMPRESSOR)							\$29,840	Elec	1	HP		4
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$3.98	\$0.18	\$4.16		\$0.07	\$0.04	\$0.00	\$0.00	\$6.06	\$6.17	\$10.33			
Standby	\$1.99	\$0.18								\$2.17				

									Value TEV		Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier		CWT
W25CJ004	P350	CO2 PELLETIZER, CREATES UP TO 772 LB/HR, 3MM-16MM DIA PELLETS							\$93,086	Elec	8	HP		34
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$12.41	\$0.57	\$12.98		\$0.57	\$0.32	\$0.00	\$0.00	\$18.91	\$19.80	\$32.78			
Standby	\$6.21	\$0.57								\$6.78				

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET													
									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							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)							\$29,782	Elec	1	HP	3
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$3.97	\$0.18	\$4.15		\$0.07	\$0.04	\$0.00	\$0.00	\$6.05	\$6.16	\$10.31		
Standby	\$1.99	\$0.18								\$2.17			

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER												
									Value TEV	Engine Horsepower and Fuel Type		
SourceTag	Model	Equipment Description							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)							\$30,700			4
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$2.00	\$0.19	\$2.19	\$0.00	\$0.25	\$0.00	\$0.00	\$1.50	\$1.75	\$3.94		
Standby	\$1.00	\$0.19							\$1.19			

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER											
									Value TEV	Engine Horsepower and Fuel Type	
SourceTag	Model	Equipment Description							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)							\$42,047		
											7
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$2.73	\$0.27	\$3.00	\$0.00	\$0.25	\$0.00	\$0.00	\$2.05	\$2.30	\$5.30	
Standby	\$1.37	\$0.27							\$1.64		

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
W30KI007	KPT-100	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 10,000 GAL, 10" PIPE							\$66,026	Gas	5.5 HP
											170
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate	
Average	\$4.55	\$0.38	\$4.93	\$1.50	\$0.17	\$0.67	\$0.11	\$4.15	\$6.60	\$11.53	
Standby	\$2.28	\$0.38							\$2.66		

\* - Adjustable Elements

**Region: 8**  
**Pamphlet Year: 2022**

## 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							\$66,904	Gas	5.5	HP	185
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$4.62	\$0.38	\$5.00		\$1.50	\$0.17	\$0.67	\$0.11	\$4.20	\$6.66	\$11.66		
Standby	\$2.31	\$0.38								\$2.69			

## W35 WELDERS

**W35 0.10 ENGINE DRIVEN**

[illegible]

\* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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
W35XX021	GAS 225 DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC, 225 AMP, 10.5 KW, PORTABLE, SKID MTD							\$4,203	Gas	23	HP	6
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.39	\$0.03	\$0.42		\$7.65	\$0.83	\$0.00	\$0.00	\$0.48	\$8.96	\$9.38		
Standby	\$0.20	\$0.03								\$0.23			

										Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description								7/1/2019	Main		Carrier	CWT
W35XX022	GAS 250 AC/DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC/CV, 250 AMP, 11 KW, TRAILER MTD								\$7,322	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		\$7.65	\$0.83	\$0.04	\$0.01	\$0.81	\$9.34	\$10.04			
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35XX023	DIESEL 325 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 325 AMP, 12 KW, SKID MTD							\$11,844	D-Off	24.8	HP	7
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.11	\$0.07	\$1.18		\$4.44	\$0.48	\$0.00	\$0.00	\$1.35	\$6.27	\$7.45		
Standby	\$0.56	\$0.07								\$0.63			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35XX024	DIESEL 450 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 450 AMP, 12 KW, SKID MTD							\$18,765	D-Off	24.7	HP	11
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.76	\$0.11	\$1.87	\$4.42	\$0.48	\$0.00	\$0.00	\$2.14	\$7.04	\$8.91			
Standby	\$0.88	\$0.11							\$0.99				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35XX025	DIESEL 500 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 500 AMP, 15 KW, SKID MTD							\$27,377	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	\$8.77	\$0.95	\$0.00	\$0.00	\$3.13	\$12.85	\$15.59			
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35LC012	IDEAL ARC R3R-400	WELDER, ELECTRIC DRIVEN, 400 AMP, STICK							\$8,418	Elec	35	HP	5
Condition	Depreciation*	FCCM*	Total Ownership		Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$1.12	\$0.05	\$1.17		\$1.07	\$0.48	\$0.00	\$0.00	\$0.85	\$2.41	\$3.58		
Standby	\$0.56	\$0.05								\$0.61			

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35LC013	IDEAL ARC R3R-500	WELDER, ELECTRIC DRIVEN, 500 AMP, STICK							\$9,872	Elec	41	HP	5
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate			
Average	\$1.32	\$0.06	\$1.38	\$1.25	\$0.56	\$0.00	\$0.00	\$1.00	\$2.81	\$4.19			
Standby	\$0.66	\$0.06							\$0.72				

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35LC018	SP-180C MIG	WELDER, ELECTRIC DRIVEN, 30-180 AMP, WIRE FEEDER							\$1,692	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		\$0.15	\$0.07	\$0.00	\$0.00	\$0.17	\$0.39	\$0.63		
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

									Value TEV	Engine Horsepower and Fuel Type			
SourceTag	Model	Equipment Description							7/1/2019	Main		Carrier	CWT
W35LC021	Tomahawk 1000	WELDER, ELECTRIC DRIVEN, 60 AMP, PLASMA CUTTER WITH 25' HAND TORCH							\$2,878	Elec	20	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		\$0.61	\$0.27	\$0.00	\$0.00	\$0.29	\$1.18	\$1.58		
Standby	\$0.19	\$0.02								\$0.21			

NO SPECIFIC MANUFACTURER

									Value TEV	Engine Horsepower and Fuel Type		
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)							\$5,121			3
Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate		
Average	\$0.68	\$0.03	\$0.71	\$0.00	\$68.97	\$0.00	\$0.00	\$0.52	\$69.49	\$70.20		
Standby	\$0.34	\$0.03							\$0.37			

\* - Adjustable Elements

Equipment Age Adjustment Factors for Ownership Cost

Region: 8			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: 8			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:			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: 8			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 / SHOTCRETERS			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:			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:			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: 8			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:			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:			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:			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: 8			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: 8			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	.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:			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	.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	.86	.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	.86	.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: 8			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:			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:			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
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:			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: 8			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:			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: 8			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:			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:			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	.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	.91											
W30	.10	PORTABLE WITH WHEELS				1.17	1.08	1.02	1.00	.94	.91	.90	.89										

Equipment Age Adjustment Factors for Ownership Cost

Region:			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	1.08	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: 8			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	.76	.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	.80	.77	.74	.74	.71	.68	.65	.61

**Equipment Age Adjustment Factors for Standby Cost**

Region: 8			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: 8			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: 8			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 / SHOTCRETERS			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:			8	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	.91	.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	.75				

**Equipment Age Adjustment Factors for Standby Cost**

Region: 8			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	.75
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:			8	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	.86	.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: 8			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:			8	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	.72	
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: 8			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	.78	.72
H35	.11	DIESEL, 0 CY THRU 5.0 CY			1.15	1.07	1.01	1.00	.93	.95	.94	.94	.92	.91	.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:			8	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	.79	.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: 8			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			1.20	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	.80	.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:			8	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	.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	.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	.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	.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	.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	.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	.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	.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	.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	.70	

**Equipment Age Adjustment Factors for Standby Cost**

Region:			8	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	.61	.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: 8			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: 8			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	.80	.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	.80	.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: 8			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:			8	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:			8	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				1.20	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	1.02	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	1.02	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: 8			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	.80	.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	.80	.76	.76	.73	.69	.67	.63

**Equipment Age Adjustment Factors for Standby Cost**

Region:			8	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:			8	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	.91	.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	.80	.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:		8	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	.80	.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: 8    NORTHWEST

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Total State Sales or Import Tax Rate:	5.35%
Working Hours Per Year (WHPY):	1,480    hrs/yr
Labor Adjustment Factor (LAF):	1.06
Electricity Cost Per Kilowatt-Hour:	\$0.102    /kW-Hr
Gasoline Cost Per Gallon:	\$4.62    /gal
*Diesel Cost Per Gallon (Off-Road Use):	\$4.71    /gal
*Diesel Cost Per Gallon (On-Road Use):	\$5.63    /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:	\$4.13    /gal
DEF Usage Rate:	5.000%

#### **Freight Rates**

over	0 cwt	thru	240 cwt	=	\$58.58
over	240 cwt	thru	300 cwt	=	\$42.46
over	300 cwt	thru	400 cwt	=	\$35.07
over	400 cwt	thru	500 cwt	=	\$30.48
over	500 cwt	thru	700 cwt	=	\$30.79
over	700 cwt	thru	800 cwt	=	\$26.39
over	800 cwt			=	\$9.05

\*DEF Included at DEF Usage Rate Listed