Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A10RS009	CSV	CHIP SPREADER, SELF-PROPELLED, 0' - 16' WIDTH, 3.5 CY HOPPER	$308,293	D-Off 275 HP		238

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.36	$1.91	**$32.27**	$42.64	$4.44	$0.90	$0.14	$35.26	**$83.38**	**$115.65**
Standby	$15.18	$1.91							**$17.09**	

A10 0.20 TOWED & TAILGATE

PAVEMENT TECHNOLOGIES INTERNATIONAL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A10PV001	GS 84	CHIP SPREADER, TAILGATE, 8' WIDE (ADD DUMP TRUCK)	$3,777	D-Off		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.50	$0.02	**$0.52**	$0.00	$0.00	$0.00	$0.00	$0.47	**$0.47**	**$0.99**
Standby	$0.25	$0.02							**$0.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A10 AGGREGATE / CHIP SPREADERS

A10 0.20 TOWED & TAILGATE

SEALMASTER, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A10SE003	R-1 TAILGATE	CHIP SPREADER, TAILGATE, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)	$26,403	D-Off		30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.52	$0.17	**$3.69**	$0.00	$0.00	$0.00	$0.00	$3.26	**$3.26**	**$6.95**
Standby	$1.76	$0.17							**$1.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A10SE004	R-1 TOWED	CHIP SPREADER, TOWED, 10' WIDE, 1.41 CY (ADD DUMP TRUCK)	$29,815	D-Off		30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.98	$0.19	**$4.17**	$0.00	$0.00	$0.00	$0.00	$3.68	**$3.68**	**$7.85**
Standby	$1.99	$0.19							**$2.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A15DP001	C185WDZ-T4F	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$20,063	D-Off 49 HP			23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.58	$0.12	**$1.70**	$8.04	$0.98	$0.06	$0.01	$1.75	**$10.84**	**$12.54**
Standby	$0.79	$0.12							**$0.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A15DP002	HP375WCU-T4F	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$55,650	D-Off 135 HP			44

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.43	$0.34	**$4.77**	$22.16	$2.69	$0.06	$0.01	$4.90	**$29.82**	**$34.59**
Standby	$2.22	$0.34							**$2.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A15DP003	VHP400WCU-T4F	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)	$64,910	D-Off 173 HP			52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.16	$0.39	**$5.55**	$28.40	$3.45	$0.08	$0.01	$5.71	**$37.65**	**$43.20**
Standby	$2.58	$0.39							**$2.97**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP004	HP450WCU-T4F	AIR COMPRESSOR, 450 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$64,910	D-Off 173 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.16	$0.39	**$5.55**	$28.40	$3.45	$0.08	$0.01	$5.71	**$37.65**	**$43.20**
Standby	$2.58	$0.39							**$2.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP012	HP750WCU-T4F	AIR COMPRESSOR, 750 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$103,307	D-Off 266 HP		87

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.21	$0.63	**$8.84**	$43.67	$5.30	$0.13	$0.02	$9.09	**$58.21**	**$67.05**
Standby	$4.11	$0.63							**$4.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP013	XP825WCU-T4F	AIR COMPRESSOR, 825 CFM, 125 PSI, TRAILER MTD (ADD HOSE)	$103,307	D-Off 266 HP		87

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.21	$0.63	**$8.84**	$43.67	$5.30	$0.13	$0.02	$9.09	**$58.21**	**$67.05**
Standby	$4.11	$0.63							**$4.74**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP014	XP1000WCU-T4F	AIR COMPRESSOR, 1,000 CFM, 125 PSI, TRAILER MTD (ADD HOSE)	$121,435	D-Off 305 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.66	$0.73	**$10.39**	$50.07	$6.08	$0.13	$0.02	$10.69	**$66.99**	**$77.38**
Standby	$4.83	$0.73							**$5.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP015	HP915WCU-T4F	AIR COMPRESSOR, 915 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$122,537	D-Off 305 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.75	$0.74	**$10.49**	$50.07	$6.08	$0.13	$0.02	$10.79	**$67.08**	**$77.57**
Standby	$4.88	$0.74							**$5.62**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP016	HP1600WCU-T4F	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$217,625	D-Off 536 HP		199

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.34	$1.32	**$18.66**	$87.99	$10.68	$0.17	$0.03	$19.18	**$118.05**	**$136.71**
Standby	$8.67	$1.32							**$9.99**	

* - Adjustable Elements

Region: 2
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Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

DOOSAN PORTABLE POWER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15DP017	P250-T4F	AIR COMPRESSOR, 250 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$26,571	D-Off 74 HP		27

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.10	$0.16	**$2.26**	$12.15	$1.47	$0.06	$0.01	$2.33	**$16.03**	**$18.29**
Standby	$1.05	$0.16							**$1.21**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX019	50G	AIR COMPRESSOR, 50 CFM, 100 PSI, CART MTD (ADD HOSE)	$10,302	Gas 21 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.82	$0.06	**$0.88**	$5.90	$0.82	$0.00	$0.00	$0.91	**$7.63**	**$8.51**
Standby	$0.41	$0.06							**$0.47**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX020	60G	AIR COMPRESSOR, 60 CFM, 100 PSI, CART MTD (ADD HOSE)	$10,379	Gas 18 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**	$5.06	$0.70	$0.00	$0.00	$0.92	**$6.68**	**$7.57**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX021	100D	AIR COMPRESSOR, 100 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$15,079	D-Off 21 HP		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.18	$0.09	**$1.27**	$3.45	$0.42	$0.06	$0.01	$1.31	**$5.25**	**$6.52**
Standby	$0.59	$0.09							**$0.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX028	185D	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$21,758	D-Off 49 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.72	$0.13	**$1.85**	$8.04	$0.98	$0.06	$0.01	$1.90	**$10.99**	**$12.84**
Standby	$0.86	$0.13							**$0.99**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX030	265D	AIR COMPRESSOR, 265 CFM, 205 PSI, TRAILER MTD (ADD HOSE)	$46,051	D-Off 104 HP		27

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.66	$0.28	**$3.94**	$17.07	$2.07	$0.06	$0.01	$4.05	**$23.26**	**$27.20**
Standby	$1.83	$0.28							**$2.11**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX031	300D	AIR COMPRESSOR, 300 CFM, 175 PSI, TRAILER MTD (ADD HOSE)	$46,438	D-Off 104 HP		41

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.69	$0.28	**$3.97**	$17.07	$2.07	$0.06	$0.01	$4.08	**$23.30**	**$27.27**
Standby	$1.85	$0.28							**$2.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX032	375D	AIR COMPRESSOR, 375 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$46,438	D-Off 104 HP		41

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.69	$0.28	**$3.97**	$17.07	$2.07	$0.06	$0.01	$4.08	**$23.30**	**$27.27**
Standby	$1.85	$0.28							**$2.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX036	740	AIR COMPRESSOR, 740 CFM, 175 PSI, TRAILER MTD (ADD HOSE)	$117,622	D-Off 288 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.38	$0.71	**$10.09**	$47.28	$5.74	$0.06	$0.01	$10.38	**$63.47**	**$73.56**
Standby	$4.69	$0.71							**$5.40**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX037	900	AIR COMPRESSOR, 900 CFM, 125 PSI, TRAILER MTD (ADD HOSE)	$117,622	D-Off 288 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.36	$0.71	**$10.07**	$47.28	$5.74	$0.14	$0.02	$10.35	**$63.53**	**$73.60**
Standby	$4.68	$0.71							**$5.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX038	1095	AIR COMPRESSOR, 1,095 CFM, 145 PSI, TRAILER MTD (ADD HOSE)	$120,210	D-Off 327 HP		126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.51	$0.73	**$10.24**	$53.68	$6.52	$0.27	$0.04	$10.53	**$71.05**	**$81.29**
Standby	$4.76	$0.73							**$5.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX039	1200	AIR COMPRESSOR, 1,200 CFM, 125 PSI, TRAILER MTD (ADD HOSE)	$120,210	D-Off 327 HP		126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.47	$0.73	**$10.20**	$53.68	$6.52	$0.38	$0.06	$10.50	**$71.13**	**$81.33**
Standby	$4.74	$0.73							**$5.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR002	900XHH/1150 XH	AIR COMPRESSOR, 900 CFM @ 350 PSI, 1150 CFM @ 500 PSI, TRAILER MTD (ADD HOSE)	$284,664	D-Off 540 HP		161

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.70	$1.72	**$24.42**	$88.65	$10.76	$0.19	$0.03	$25.10	**$124.73**	**$149.15**
Standby	$11.35	$1.72							**$13.07**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR004	185-KUB	AIR COMPRESSOR, 185 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$24,954	D-Off 49 HP		22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.98	$0.15	**$2.13**	$8.04	$0.98	$0.05	$0.01	$2.19	**$11.26**	**$13.39**
Standby	$0.99	$0.15							**$1.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR008	375H	AIR COMPRESSOR, 375 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$66,502	D-Off 122 HP		46

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.30	$0.40	**$5.70**	$20.03	$2.43	$0.06	$0.01	$5.86	**$28.39**	**$34.09**
Standby	$2.65	$0.40							**$3.05**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR009	425H	AIR COMPRESSOR, 425 CFM, 100 PSI, TRAILER MTD (ADD HOSE)	$70,260	D-Off 157 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.60	$0.43	**$6.03**	$25.77	$3.13	$0.06	$0.01	$6.19	**$35.16**	**$41.19**
Standby	$2.80	$0.43							**$3.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR014	1600H	AIR COMPRESSOR, 1,600 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$257,932	D-Off 540 HP		191

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.47	$1.56	**$22.03**	$88.65	$10.76	$0.41	$0.06	$22.66	**$122.55**	**$144.58**
Standby	$10.24	$1.56							**$11.80**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR015	800HH/900HD PQ	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE)	$153,934	D-Off 302 HP		118

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.15	$0.93	**$13.08**	$49.58	$6.02	$0.42	$0.06	$13.46	**$69.55**	**$82.63**
Standby	$6.08	$0.93							**$7.01**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.10 ROTARY SCREW

SULLAIR CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR018	400HH	AIR COMPRESSOR, 400 CFM, 200 PSI, TRAILER MTD (ADD HOSE)	$69,341	D-Off 157 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.52	$0.42	**$5.94**	$25.77	$3.13	$0.06	$0.01	$6.11	**$35.08**	**$41.02**
Standby	$2.76	$0.42							**$3.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15SR019	E900H (ELECTRIC)	AIR COMPRESSOR, 900 CFM, 150 PSI, TRAILER MTD (ADD HOSE) REQUIRES 200KW, 460V, 3P POWER SOURCE	$118,103	Elec 214 HP		118

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.40	$0.71	**$10.11**	$21.19	$10.31	$0.12	$0.02	$10.40	**$42.04**	**$52.15**
Standby	$4.70	$0.71							**$5.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX041	14E	AIR COMPRESSOR, 14 CFM, 80 GAL (ADD HOSE)	$1,473	Elec 14 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.10	$0.01	**$0.11**	$1.39	$0.68	$0.00	$0.00	$0.09	**$2.16**	**$2.27**
Standby	$0.05	$0.01							**$0.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX045	98	AIR COMPRESSOR, 98 CFM, 120 GAL (ADD HOSE)	$14,651	Elec 30 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.04	$0.08	**$1.12**	$2.97	$1.45	$0.00	$0.00	$0.94	**$5.35**	**$6.47**
Standby	$0.52	$0.08							**$0.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A15XX050	R75-A125	AIR COMPRESSOR, 499 CFM @ 115 PSI, 460 VOLT (ADD PIPING)	$36,952	Elec 100 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.62	$0.21	**$2.83**	$9.90	$4.82	$0.00	$0.00	$2.36	**$17.08**	**$19.91**
Standby	$1.31	$0.21							**$1.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A15 AIR COMPRESSORS

A15 0.20 SHOP TYPE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
A15XX051	2475N7.5-V	AIR COMPRESSOR, 24 CFM, 80 GAL (ADD HOSE)	$2,886	Elec 7.5 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.20	$0.02	**$0.22**	$0.74	$0.36	$0.00	$0.00	$0.18	**$1.28**	**$1.50**
Standby	$0.10	$0.02							**$0.12**	

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
A20XX001	3618-0011	AIR HOSE, 0.75", 50', AIR DRILL 500	$913			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	$0.46	**$0.46**	**$0.72**
Standby	$0.13	$0.01							**$0.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.10 AIR DRILL HOSE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX002	3618-0021	AIR HOSE, 1.00", 100', AIR DRILL 500	$2,084			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	$1.05	**$1.05**	**$1.63**
Standby	$0.29	$0.01							**$0.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX003	3618-0031	AIR HOSE, 1.25", 100', AIR DRILL 500	$2,583			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.70	$0.02	**$0.72**	$0.00	$0.00	$0.00	$0.00	$1.30	**$1.30**	**$2.02**
Standby	$0.35	$0.02							**$0.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX004	3618-0041	AIR HOSE, 1.50", 100', AIR DRILL 500	$3,370			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.91	$0.02	**$0.93**	$0.00	$0.00	$0.00	$0.00	$1.70	**$1.70**	**$2.63**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX005	3618-0051	AIR HOSE, 2.00", 100', AIR DRILL 500	$4,759			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	$2.40	**$2.40**	**$3.72**
Standby	$0.65	$0.03							**$0.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX006	3618-0205	AIR HOSE, 2.50", 100', AIR DRILL 500	$5,842			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.59	$0.04	**$1.63**	$0.00	$0.00	$0.00	$0.00	$2.95	**$2.95**	**$4.58**
Standby	$0.80	$0.04							**$0.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX007	3618-0215	AIR HOSE, 3.00", 100', AIR DRILL 500	$7,087			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.92	$0.05	**$1.97**	$0.00	$0.00	$0.00	$0.00	$3.58	**$3.58**	**$5.55**
Standby	$0.96	$0.05							**$1.01**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM017	24750	SANDBLAST HOSE, 0.75"ID, 100' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY	$807			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.22	$0.01	**$0.23**	$0.00	$0.00	$0.00	$0.00	$0.45	**$0.45**	**$0.68**
Standby	$0.11	$0.01							**$0.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM018	23448	SANDBLAST HOSE, 1.00"ID, 50' LONG, USE AS SAND BLASTING ACCESSORY, 4 PLY	$417			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.11	$0.00	**$0.11**	$0.00	$0.00	$0.00	$0.00	$0.23	**$0.23**	**$0.34**
Standby	$0.06	$0.00							**$0.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM019	23453	SANDBLAST HOSE, 1.50"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY	$1,057			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	$0.59	**$0.59**	**$0.89**
Standby	$0.15	$0.01							**$0.16**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.20 SANDBLAST HOSE

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM020	23451	SANDBLAST HOSE, 1.25"ID, 100' LONG USE AS SAND BLASTING ACCESSORY, 4 PLY	$870			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	$0.48	**$0.48**	**$0.73**
Standby	$0.12	$0.01							**$0.13**	

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

BLAST ONE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20B1001	725 CF HOPPER	SANDBLAST ABBRASIVE STORAGE HOPPER, 725 CF, 8' X 10' X 8' BOX WITH 9' DRIVE THROUGH CLEARANCE	$29,175			60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.38	$0.18	**$4.56**	$0.00	$0.00	$0.00	$0.00	$8.60	**$8.60**	**$13.16**
Standby	$2.19	$0.18							**$2.37**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CHICAGO PNEUMATIC TOOL CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK001	CP-0014RR	ROTARY / CHIP HAMMER, 15 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)	$1,495			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.22	$0.01	**$0.23**	$0.00	$0.12	$0.00	$0.00	$0.44	**$0.56**	**$0.79**
Standby	$0.11	$0.01							**$0.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK002	CP-0009A	ROTARY / CHIP HAMMER, 8 LB, AIR (ADD 30 CFM COMPRESSOR & BIT COSTS)	$939			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.14	$0.01	**$0.15**	$0.00	$0.10	$0.00	$0.00	$0.28	**$0.38**	**$0.53**
Standby	$0.07	$0.01							**$0.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK003	CP-0022	ROCK DRILL, 30 LB, AIR (ADD 50 CFM COMPRESSOR & BIT COSTS)	$1,604			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.24	$0.01	**$0.25**	$0.00	$0.17	$0.00	$0.00	$0.47	**$0.64**	**$0.89**
Standby	$0.12	$0.01							**$0.13**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CHICAGO PNEUMATIC TOOL CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK005	CP-0069	ROCK DRILL, 55 LB, AIR (ADD 140 CFM COMPRESSOR & BIT COSTS)	$2,238			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	$0.66	**$0.85**	**$1.20**
Standby	$0.17	$0.01							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK006	CP-0111-CHLA	BREAKER-FOUR BOLT, 25 LB (ADD 50 CFM COMPRESSOR & BIT COSTS)	$1,131			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	$0.33	**$0.48**	**$0.66**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK008	CP-1260-S	BREAKER-FOUR BOLT, 60 LB (ADD 65 CFM COMPRESSOR & BIT COSTS)	$1,153			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	$0.20	$0.00	$0.00	$0.34	**$0.54**	**$0.72**
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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CK010	CP-1290-S	BREAKER-FOUR BOLT, 90 LB (ADD 90 CFM COMPRESSOR & BIT COSTS)	$1,239			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	$0.37	**$0.62**	**$0.82**
Standby	$0.10	$0.01							**$0.11**	

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM010	21547	SANDBLASTER, 2 CF CAP, W/0.50" D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 100 CFM COMPRESSOR & NOZZLE COST)	$4,925			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.74	$0.03	**$0.77**	$0.00	$0.15	$0.00	$0.00	$1.45	**$1.60**	**$2.37**
Standby	$0.37	$0.03							**$0.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM011	21548	SANDBLASTER, 4 CF CAP, W/1.00"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 170 CFM COMPRESSOR)	$5,412			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.81	$0.03	**$0.84**	$0.00	$0.25	$0.00	$0.00	$1.60	**$1.85**	**$2.69**
Standby	$0.41	$0.03							**$0.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM012	21549	SANDBLASTER, 6 CF CAP, W/1.25"D X 25'L HOSE, INCLUDES ALL PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)	$10,271			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.54	$0.06	**$1.60**	$0.00	$0.25	$0.00	$0.00	$3.03	**$3.28**	**$4.88**
Standby	$0.77	$0.06							**$0.83**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM013	25815	SANDBLASTER, 60 CF CAP, W/1.25"D X 100'L HOSE (ADD 450 CFM COMPRESSOR)	$27,730			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.08	$0.17	**$4.25**	$0.00	$0.35	$0.08	$0.01	$8.04	**$8.48**	**$12.73**
Standby	$2.04	$0.17							**$2.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM014	25744	SANDBLASTER, 120 CF CAP, W/1.25"D X 50'L HOSE (ADD 700 CFM COMPRESSOR & NOZZLE COST)	$30,826			35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.55	$0.19	**$4.74**	$0.00	$0.50	$0.08	$0.01	$8.95	**$9.54**	**$14.28**
Standby	$2.28	$0.19							**$2.47**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20CM015	25743	SANDBLASTER, 160 CF CAP, W/1.25"D X 50'L HOSE (ADD 900 CFM COMPRESSOR & NOZZLE COST)	$22,834			45

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.35	$0.14	**$3.49**	$0.00	$0.50	$0.08	$0.01	$6.59	**$7.19**	**$10.68**
Standby	$1.68	$0.14							**$1.82**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

CLEMCO INDUSTRIES CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A20CM021	FLEX 2448	SANDBLASTER, WETBLAST, 6CF CAP BLAST MEDIA, 120 GAL H20 CAP, W/1.25"D X 50'L HOSE INCLUDES ALL REQ PPE AND FITTINGS (ADD 200 CFM COMPRESSOR)	$18,121			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.72	$0.11	**$2.83**	$0.00	$0.00	$0.00	$0.00	$5.34	**$5.34**	**$8.17**
Standby	$1.36	$0.11							**$1.47**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A20XX021	35LB BREAKER	PAVEMENT BREAKER, 35 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)	$1,661			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 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX023	60LB BREAKER	PAVEMENT BREAKER, 60 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)	$1,492			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.22	$0.01	**$0.23**	$0.00	$0.00	$0.00	$0.00	$0.44	**$0.44**	**$0.67**
Standby	$0.11	$0.01							**$0.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX024	90LB BREAKER	PAVEMENT BREAKER, 90 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)	$1,792			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	$0.53	**$0.53**	**$0.81**
Standby	$0.14	$0.01							**$0.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A20XX025	30LB DRILL	ROCK DRILL, DRY, 30 LB, HAND HELD (ADD 100 CFM COMPRESSOR & BIT COSTS)	$1,969			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	$0.58	**$0.58**	**$0.89**
Standby	$0.15	$0.01							**$0.16**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A20 AIR HOSE, TOOLS & EQUIPMENT

A20 0.30 SANDBLASTERS, BREAKERS, & MISC. AIR TOOLS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A20XX026	37 LBS	BACKFILL TAMPER, 35-40 LB, HAND HELD (ADD 100 CFM COMPRESSOR)	$1,665			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**	

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A25XX002	2000G	ASPHALT DISTRIBUTOR, 2000 GAL, 400 GPM, TRUCK MTD (INCLUDES 32,000 GVW TRUCK)	$187,400	D-On 270 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.42	$1.13	**$28.55**	$45.62	$5.54	$1.08	$0.16	$32.07	**$84.47**	**$113.02**
Standby	$13.71	$1.13							**$14.84**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A25 ASPHALT PAVING DISTRIBUTORS

A25 0.00 ASPHALT PAVING DISTRIBUTORS

ROSCO, A LeeBoy COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A25RS006	MAX 3B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 32,000 GVW TRUCK)	$113,267			70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.99	$0.68	**$17.67**	$0.00	$1.16	$0.00	$0.00	$19.82	**$20.98**	**$38.65**
Standby	$8.50	$0.68							**$9.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A25RS008	MAX 2B 1900	ASPHALT DISTRIBUTOR, 2,050 GAL, 400 GPM, TRUCK MTD (ADD 42,000 GVW TRUCK)	$110,219			97

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.53	$0.67	**$17.20**	$0.00	$1.80	$0.00	$0.00	$19.29	**$21.09**	**$38.29**
Standby	$8.27	$0.67							**$8.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO001	CR352	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 458 FT/MIN MAX PAVING SPEED, WHEEL, 165 CF HOPPER	$531,534	D-Off 160 HP		319

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.40	$3.19	**$58.59**	$24.81	$3.01	$2.28	$0.35	$80.74	**$111.19**	**$169.78**
Standby	$27.70	$3.19							**$30.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO002	CR362	ASPHALT PAVER, 20' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 250 FT/MIN MAX PAVING SPEED, CRAWLER, 165 CF HOPPER	$539,712	D-Off 160 HP		346

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$57.34	$3.23	**$60.57**	$24.81	$3.01	$0.00	$0.00	$83.33	**$111.15**	**$171.72**
Standby	$28.67	$3.23							**$31.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO003	CR452	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 305 FT/MIN MAX PAVING SPEED, WHEEL, 219 CF HOPPER	$609,764	D-Off 220 HP		385

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$63.22	$3.65	**$66.87**	$34.11	$4.14	$4.03	$0.62	$92.21	**$135.10**	**$201.97**
Standby	$31.61	$3.65							**$35.26**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO004	CR462	ASPHALT PAVER, 28' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 219 CF HOPPER	$656,806	D-Off 225 HP		426

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$69.79	$3.94	**$73.73**	$34.88	$4.23	$0.00	$0.00	$101.40	**$140.52**	**$214.25**
Standby	$34.90	$3.94							**$38.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO005	CR552	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 313 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	$624,883	D-Off 260 HP		414

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$65.44	$3.74	**$69.18**	$40.31	$4.89	$1.86	$0.28	$95.30	**$142.64**	**$211.82**
Standby	$32.72	$3.74							**$36.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO006	CR562	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 242 FT/MIN MAX PAVING SPEED, CRAWLER, 267 CF HOPPER	$666,896	D-Off 260 HP		444

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$70.86	$4.00	**$74.86**	$40.31	$4.89	$0.00	$0.00	$102.96	**$148.16**	**$223.02**
Standby	$35.43	$4.00							**$39.43**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO007	CR652RX	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 426 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	$772,711	D-Off 260 HP		441

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$81.15	$4.63	**$85.78**	$40.31	$4.89	$1.86	$0.28	$118.12	**$165.47**	**$251.25**
Standby	$40.58	$4.63							**$45.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30BO008	CR662RM	ASPHALT PAVER, 30' MAX PAVING WIDTH, 12" MAX PAVING DEPTH, 225 FT/MIN MAX PAVING SPEED, WHEEL, 267 CF HOPPER	$995,235	D-Off 260 HP		441

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$104.89	$5.96	**$110.85**	$40.31	$4.89	$1.73	$0.26	$152.60	**$199.79**	**$310.64**
Standby	$52.45	$5.96							**$58.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA001	AP500F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, WHEEL, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED	$382,951	D-Off 142 HP		286

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.30	$2.29	**$42.59**	$22.02	$2.67	$1.36	$0.21	$58.64	**$84.91**	**$127.50**
Standby	$20.15	$2.29							**$22.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$490,460	D-Off 173 HP		299

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$50.82	$2.94	**$53.76**	$26.82	$3.26	$3.93	$0.60	$74.13	**$108.74**	**$162.50**
Standby	$25.41	$2.94							**$28.35**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA003	AP-555F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 237 CF HOPPER, UP TO 82 FPM PAVE SPEED	$397,129	D-Off 142 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$42.19	$2.38	**$44.57**	$22.02	$2.67	$0.00	$0.00	$61.31	**$86.01**	**$130.58**
Standby	$21.10	$2.38							**$23.48**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA004	AP255EQ	ASPHALT PAVER, 1.5' - 10' PAVING WIDTH, UP TO 8" PAVING THICKNESS, CRAWLER, 109 CF HOPPER	$140,743	D-Off 46 HP		99

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.95	$0.84	**$15.79**	$7.13	$0.87	$0.00	$0.00	$21.73	**$29.72**	**$45.51**
Standby	$7.48	$0.84							**$8.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA008	AP-1000F	ASPHALT PAVER, 10' - 19.5' WIDE PAVEMASTER SCREED, WHEEL, 267 CF HOPPER	$515,196	D-Off 225 HP		343

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.73	$3.09	**$56.82**	$34.88	$4.23	$2.99	$0.46	$78.29	**$120.85**	**$177.67**
Standby	$26.87	$3.09							**$29.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA013	AP-655F	ASPHALT PAVER, UP TO 21.3' PAVING WIDTH, CRAWLER, 250 CF HOPPER	$463,993	D-Off 175 HP		348

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.30	$2.78	**$52.08**	$27.13	$3.29	$0.00	$0.00	$71.64	**$102.06**	**$154.14**
Standby	$24.65	$2.78							**$27.43**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA016	AP-1055F	ASPHALT PAVER, UP TO 19.5' WIDE SCREED, CRAWLER, 267 CF HOPPER	$647,032	D-Off 225 HP		368

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$68.75	$3.88	**$72.63**	$34.88	$4.23	$0.00	$0.00	$99.90	**$139.01**	**$211.64**
Standby	$34.38	$3.88							**$38.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA024	AP300F	ASPHALT PAVER, 5.75' - 11.25' PAVING WIDTH, WHEEL, 135 CF HOPPER	$198,227	D-Off 74 HP		177

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.40	$1.19	**$21.59**	$11.47	$1.39	$2.22	$0.34	$29.79	**$45.21**	**$66.80**
Standby	$10.20	$1.19							**$11.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30CA025	AP355F	ASPHALT PAVER, 5.75'-11.2' PAVING WIDTH, CRAWLER, 135CF HOPPER	$232,302	D-Off 74 HP		189

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.68	$1.39	**$26.07**	$11.47	$1.39	$0.00	$0.00	$35.87	**$48.73**	**$74.80**
Standby	$12.34	$1.39							**$13.73**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

GEHL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30GC002	1448	ASPHALT PAVER, 4'-12' WIDE SCREED, CRAWLER, 8,000 LB HOPPER CAPACITY	$49,173	D-Off 36.2 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.22	$0.29	**$5.51**	$5.61	$0.68	$0.00	$0.00	$7.59	**$13.88**	**$19.39**
Standby	$2.61	$0.29							**$2.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30GC004	1648	ASPHALT PAVER, 4'-13' WIDE SCREED, CRAWLER, 12,000 LB HOPPER CAPACITY	$67,856	D-Off 47.4 HP		106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.21	$0.41	**$7.62**	$7.35	$0.89	$0.00	$0.00	$10.48	**$18.72**	**$26.34**
Standby	$3.61	$0.41							**$4.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD002	8616D	ASPHALT PAVER, 15.5' MAX PAVING WIDTH, 8" MAX DEPTH, CRAWLER, 9 TON HOPPER	$277,526	D-Off 127 HP			235

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.49	$1.66	**$31.15**	$19.69	$2.39	$0.00	$0.00	$42.85	**$64.93**	**$96.08**
Standby	$14.75	$1.66							**$16.41**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD003	8510E	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER	$211,847	D-Off 74 HP			177

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.51	$1.27	**$23.78**	$11.47	$1.39	$0.00	$0.00	$32.71	**$45.57**	**$69.35**
Standby	$11.26	$1.27							**$12.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD004	8500D	ASPHALT PAVER, 15' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7.5 TON HOPPER	$170,210	D-Off 64 HP			158

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.08	$1.02	**$19.10**	$9.92	$1.20	$0.00	$0.00	$26.28	**$37.40**	**$56.50**
Standby	$9.04	$1.02							**$10.06**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD005	7000C	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 6 TON HOPPER	$151,892	D-Off 64 HP			130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.14	$0.91	**$17.05**	$9.92	$1.20	$0.00	$0.00	$23.45	**$34.57**	**$51.62**
Standby	$8.07	$0.91							**$8.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD006	5300	ASPHALT PAVER, 7' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 7 TON HOPPER	$190,849	D-Off 64 HP			127

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.28	$1.14	**$21.42**	$9.92	$1.20	$0.00	$0.00	$29.47	**$40.59**	**$62.01**
Standby	$10.14	$1.14							**$11.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A30LD007	1000G	ASPHALT PAVER, 13' MAX PAVING WIDTH, 6" MAX DEPTH, CRAWLER, 5.5 TON HOPPER	$113,118	D-Off 49 HP			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.02	$0.68	**$12.70**	$7.60	$0.92	$0.00	$0.00	$17.46	**$25.99**	**$38.69**
Standby	$6.01	$0.68							**$6.69**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.10 SELF PROPELLED

MIDLAND MACHINERY CO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30MP001	SPD-8	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-8' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER	$209,859	D-Off 74 HP		192

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.87	$1.26	**$23.13**	$11.47	$1.39	$0.72	$0.11	$31.87	**$45.56**	**$68.69**
Standby	$10.94	$1.26							**$12.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30MP002	SPD-10	ASPHALT PAVER, SHOULDER PAVING MACHINE, 1'-10' WIDE, BITUMINOUS & AGGREGATE, WHEEL, 80 CF HOPPER	$229,405	D-Off 100 HP		250

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.85	$1.37	**$25.22**	$15.50	$1.88	$0.90	$0.14	$34.78	**$53.20**	**$78.42**
Standby	$11.93	$1.37							**$13.30**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30VO018	PF 7110B	ASPHALT PAVER/FINISHER, 10' WIDE SCREED, CRAWLER, 234 CF HOPPER	$666,793	D-Off 235 HP		498

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$70.85	$4.00	**$74.85**	$36.43	$4.42	$0.00	$0.00	$102.95	**$143.80**	**$218.65**
Standby	$35.43	$4.00							**$39.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30VO023	PF 4410B	ASPHALT PAVER, 8' WIDE SCREED, CRAWLER, 207 CF HOPPER	$526,417	D-Off 155 HP		269

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.93	$3.15	**$59.08**	$24.03	$2.92	$0.00	$0.00	$81.27	**$108.22**	**$167.30**
Standby	$27.97	$3.15							**$31.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.20 TOWED

J-PYOTT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A30JP001	CONTRACTOR GRADE	CONTRACTOR GRADE ASPHALT DRAG BOX, 8' - 10' ADJUSTABLE WIDTH, 0" - 8" PAVING THICKNESS (ADD 10 - 14 CY DUMP TRUCK)	$9,975			15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.80	$0.06	**$0.86**	$0.00	$0.00	$0.00	$0.00	$0.99	**$0.99**	**$1.85**
Standby	$0.40	$0.06							**$0.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
A30JP002	MILITARY GRADE	ASPHALT PAVER, DRAG BOX ASPHALT SPREADER, 6'-10' ADJUSTABLE WIDTH, 0"-8" PAVING THICKNESS (ADD 10-14 CY DUMP TRUCK)	$23,656			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.89	$0.14	**$2.03**	$0.00	$0.00	$0.00	$0.00	$2.34	**$2.34**	**$4.37**
Standby	$0.95	$0.14							**$1.09**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30XX001	MINIMAC	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, SELF PROPELLED, WHEEL, 80 CF HOPPER	$261,035	D-Off 110 HP		130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.61	$1.57	**$20.18**	$14.55	$1.48	$0.98	$0.15	$15.87	**$33.03**	**$53.21**
Standby	$9.31	$1.57							**$10.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30XX002	MACROPAVER 12D	ASPHALT PAVER, SLURRY SEAL PAVER 8' WIDE, TRUCK MTD, 12 CF HOPPER (ADD 40,000 GVW TRUCK)	$214,744	D-Off 115 HP		175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.62	$1.29	**$16.91**	$15.21	$1.55	$0.00	$0.00	$13.26	**$30.02**	**$46.93**
Standby	$7.81	$1.29							**$9.10**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30LD001	3000C	ASPHALT FORCE FEED LOADER, 30" WIDE BELT, WINDROW OR LOOSE, WHEEL (ADD ASPHALT PAVER UNIT)	$269,241	D-Off 130 HP		235

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.09	$1.63	**$22.72**	$18.38	$2.23	$1.72	$0.26	$26.16	**$48.75**	**$71.47**
Standby	$10.55	$1.63							**$12.18**	

ROADTEC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30RT001	SB-1500	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 15 TON HOPPER, 600 TPH, 65" WIDE CONVEYOR, WHEEL	$550,931	D-Off 300 HP		672

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$42.31	$3.33	**$45.64**	$42.41	$5.15	$6.68	$1.02	$52.69	**$107.95**	**$153.59**
Standby	$21.16	$3.33							**$24.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

ROADTEC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30RT007	SB-2500E	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 1000 TPH, 69" WIDE CONVEYOR, WHEEL	$577,811	D-Off 300 HP		780

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.40	$3.50	**$48.90**	$42.41	$5.15	$3.13	$0.48	$56.27	**$107.44**	**$156.34**
Standby	$22.70	$3.50							**$26.20**	

WEILER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30WR001	E650C	ASPHALT PAVER, ASPHALT MATERIAL WINDROW ELEVATOR, 121" CONVEYOR WIDTH	$167,442	D-Off 137 HP		219

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.28	$1.01	**$14.29**	$19.37	$2.35	$0.24	$0.04	$16.43	**$38.43**	**$52.72**
Standby	$6.64	$1.01							**$7.65**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A30 ASPHALT PAVERS & MISCELLANEOUS ROAD EQUIPMENT

A30 0.40 MISCELLANEOUS ROAD EQUIPMENT

WEILER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A30WR002	E2850	ASPHALT PAVER, ASPHALT MATERIAL TRANSFER VEHICLE, 25 TON HOPPER, 600 TPH, 30" CONVEYOR WIDTH, WHEEL	$540,392	D-Off 300 HP		745

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.41	$3.27	**$44.68**	$42.41	$5.15	$6.89	$1.05	$51.60	**$107.10**	**$151.78**
Standby	$20.71	$3.27							**$23.98**	

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$25,033	Gas 4.8 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.25	$0.16	**$3.41**	$1.17	$0.16	$0.08	$0.01	$4.04	**$5.46**	**$8.87**
Standby	$1.63	$0.16							**$1.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A35 ASPHALT PAVING KETTLES

A35 0.00 ASPHALT PAVING KETTLES

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$20,768	Gas 4.8 HP		22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.73	$0.13	**$2.86**	$1.17	$0.16	$0.04	$0.01	$3.38	**$4.76**	**$7.62**
Standby	$1.37	$0.13							**$1.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$19,230	Gas 4.8 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.52	$0.12	**$2.64**	$1.17	$0.16	$0.04	$0.01	$3.13	**$4.50**	**$7.14**
Standby	$1.26	$0.12							**$1.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO001	BM500-15	ASPHALT COLD PLANER, 19.7" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)	$351,995	D-Off 143 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$46.70	$2.25	**$48.95**	$29.34	$3.56	$0.31	$0.05	$72.18	**$105.44**	**$154.39**
Standby	$23.35	$2.25							**$25.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO002	BM600-15	ASPHALT COLD PLANER, 23.6" MAX MILLING WIDTH, 8.3" MAX DEPTH, WHEEL (ADD CUTTING TEETH COSTS)	$335,371	D-Off 143 HP		190

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.49	$2.15	**$46.64**	$29.34	$3.56	$0.31	$0.05	$68.75	**$102.02**	**$148.66**
Standby	$22.25	$2.15							**$24.40**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO003	BM1000-30	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$532,645	D-Off 280 HP		416

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.02	$3.41	**$74.43**	$57.46	$6.97	$0.00	$0.00	$109.65	**$174.08**	**$248.51**
Standby	$35.51	$3.41							**$38.92**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO004	BM1200-30	ASPHALT COLD PLANER, 47.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$543,121	D-Off 280 HP		423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.42	$3.47	**$75.89**	$57.46	$6.97	$0.00	$0.00	$111.80	**$176.24**	**$252.13**
Standby	$36.21	$3.47							**$39.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO005	BM1300-30	ASPHALT COLD PLANER, 51.2" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$583,849	D-Off 280 HP		426

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$77.85	$3.74	**$81.59**	$57.46	$6.97	$0.00	$0.00	$120.19	**$184.62**	**$266.21**
Standby	$38.93	$3.74							**$42.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO006	BM1000-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$627,827	D-Off 350 HP		430

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$83.71	$4.02	**$87.73**	$71.82	$8.72	$0.00	$0.00	$129.24	**$209.78**	**$297.51**
Standby	$41.86	$4.02							**$45.88**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO007	BM1200-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 13" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$745,177	D-Off 350 HP		450

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$99.36	$4.77	**$104.13**	$71.82	$8.72	$0.00	$0.00	$153.40	**$233.93**	**$338.06**
Standby	$49.68	$4.77							**$54.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO008	BM1300-35	ASPHALT COLD PLANER, 39.4" MAX MILLING WIDTH, 12.6" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$745,332	D-Off 350 HP		440

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$99.38	$4.77	**$104.15**	$71.82	$8.72	$0.00	$0.00	$153.43	**$233.97**	**$338.12**
Standby	$49.69	$4.77							**$54.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40BO009	BM2000-75	ASPHALT COLD PLANER, 78.7" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$1,147,736	D-Off 771 HP		508

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$153.03	$7.34	**$160.37**	$158.21	$19.20	$0.00	$0.00	$236.27	**$413.68**	**$574.05**
Standby	$76.52	$7.34							**$83.86**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

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SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A40BO010	BM2200-75	ASPHALT COLD PLANER, 86.6" MAX MILLING WIDTH, 13.8" MAX DEPTH, CRAWLER (ADD CUTTING TEETH COSTS)	$1,191,959	D-Off 771 HP			508

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$158.93	$7.63	**$166.56**	$158.21	$19.20	$0.00	$0.00	$245.37	**$422.78**	**$589.34**
Standby	$79.47	$7.63							**$87.10**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A40CA008	PM-620	ASPHALT COLD PLANER, 80" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)	$646,534	D-Off 630 HP			649

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$86.20	$4.14	**$90.34**	$129.28	$15.69	$0.00	$0.00	$133.09	**$278.06**	**$368.40**
Standby	$43.10	$4.14							**$47.24**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A40CA009	PM-622	ASPHALT COLD PLANER, 88" MILL WIDTH X 13" D, CRAWLER (ADD CUTTING TEETH COSTS)	$653,579	D-Off 662 HP			660

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$87.14	$4.18	**$91.32**	$135.84	$16.49	$0.00	$0.00	$134.54	**$286.87**	**$378.19**
Standby	$43.57	$4.18							**$47.75**	

ROADTEC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
A40RT008	RX-400E	ASPHALT COLD PLANER, 40" W X 10" D, WHEEL (ADD CUTTING TEETH COSTS)	$465,303	D-Off 325	HP		470

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$62.04	$2.98	**$65.02**	$66.69	$8.09	$0.00	$0.00	$95.78	**$170.57**	**$235.59**
Standby	$31.02	$2.98							**$34.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

ROADTEC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40RT009	RX-400E	ASPHALT COLD PLANER, 52" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)	$465,303	D-Off 325 HP		470

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$62.04	$2.98	**$65.02**	$66.69	$8.09	$0.00	$0.00	$95.78	**$170.57**	**$235.59**
Standby	$31.02	$2.98							**$34.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40RT010	RX-600E	ASPHALT COLD PLANER, 78" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)	$576,457	D-Off 620 HP		592

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$76.86	$3.69	**$80.55**	$127.22	$15.44	$0.00	$0.00	$118.67	**$261.33**	**$341.88**
Standby	$38.43	$3.69							**$42.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40RT011	RX-700E	ASPHALT COLD PLANER, 98" W X 12" D, CRAWLER (ADD CUTTING TEETH COSTS)	$651,164	D-Off 700 HP		840

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$86.82	$4.17	**$90.99**	$143.64	$17.44	$0.00	$0.00	$134.04	**$295.12**	**$386.11**
Standby	$43.41	$4.17							**$47.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

A40 0.00 ASPHALT & CONCRETE MILLERS / PROFILERS / PLANERS

ROADTEC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A40RT012	RX-900E	ASPHALT COLD PLANER, 150" W X 8" D, CRAWLER (ADD CUTTING TEETH COSTS)	$759,378	D-Off 700 HP		920

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$101.25	$4.86	**$106.11**	$143.64	$17.44	$0.00	$0.00	$156.32	**$317.40**	**$423.51**
Standby	$50.63	$4.86							**$55.49**	

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

ROSCO, A LeeBoy COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A45RS002	RA-400	ASPHALT SPRAY PATCHER, 300 GAL, TELESCOPIC BOOM - 38' EXT, TRUCK MTD (ADD 32,000 GVW TRUCK)	$146,348	D-Off 65 HP		180

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.42	$0.96	**$24.38**	$9.19	$1.62	$0.00	$0.00	$32.54	**$43.34**	**$67.72**
Standby	$11.71	$0.96							**$12.67**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

A45 ASPHALT RECYCLERS & SEALERS

A45 0.00 ASPHALT RECYCLERS & SEALERS

SEALMASTER, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A45SE003	SP300 DUAL	ASPHALT SEALCOATER, 320 GAL, 75 GPM, 108" WIDE DUAL SPRAY, SQUEEGEE, SELF PROPELLED	$60,363	Gas 49 HP		38

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.58	$0.40	**$9.98**	$11.94	$3.66	$0.08	$0.01	$13.33	**$29.02**	**$39.00**
Standby	$4.79	$0.40							**$5.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
A45SE004	TR-1000	ASPHALT SEALCOATER, 1000 GAL, 50 GPM, 88" WIDE SPRAY BAR, TRAILER MTD	$34,737	Gas 13 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.27	$0.23	**$5.50**	$3.17	$0.94	$0.25	$0.04	$7.40	**$11.80**	**$17.30**
Standby	$2.64	$0.23							**$2.87**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$84,625	Gas	18	HP		80

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.38	$0.52	**$8.90**	$4.39	$3.61	$0.15	$0.02	$12.97	**$21.14**	**$30.04**
Standby	$4.19	$0.52							**$4.71**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$78,614	Gas	163	HP		132

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.00	$0.49	**$7.49**	$39.72	$9.01	$2.05	$0.31	$11.07	**$62.17**	**$69.66**
Standby	$3.50	$0.49							**$3.99**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$85,713	Gas 200 HP		194

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.54	$0.53	**$8.07**	$48.73	$10.51	$2.47	$0.38	$11.96	**$74.05**	**$82.12**
Standby	$3.77	$0.53							**$4.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$98,636	Gas 200 HP		204

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.00	$0.61	**$9.61**	$48.73	$10.76	$2.05	$0.31	$14.17	**$76.02**	**$85.63**
Standby	$4.50	$0.61							**$5.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
B10CC012	MT-200LP	BATCH PLANT, SILO, CEMENT, 800 CF, 200 BARREL (BATCH PLANT ATTACHMENT)	$43,340	Gas 18 HP			35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.33	$0.27	**$4.60**	$4.39	$1.36	$0.00	$0.00	$6.69	**$12.44**	**$17.04**
Standby	$2.17	$0.27							**$2.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
B10CC013	MT-300LP	BATCH PLANT, SILO, CEMENT, 1,200 CF, 300 BARREL (BATCH PLANT ATTACHMENT)	$63,028	Gas 18 HP			48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.30	$0.39	**$6.69**	$4.39	$1.41	$0.00	$0.00	$9.73	**$15.53**	**$22.22**
Standby	$3.15	$0.39							**$3.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
B10CC015	CT270	BATCH PLANT, SILO, CEMENT, 50 TON, HORIZONTAL, 270 BARREL (BATCH PLANT ATTACHMENT)	$42,945	Elec 16 HP			85

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.61	$0.27	**$3.88**	$1.37	$1.67	$1.35	$0.21	$5.78	**$10.37**	**$14.25**
Standby	$1.81	$0.27							**$2.08**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$326,648	Elec 90 HP		426

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.59	$2.02	**$33.61**	$7.72	$5.76	$2.26	$0.35	$49.11	**$65.19**	**$98.80**
Standby	$15.80	$2.02							**$17.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$128,254	Elec 35 HP		190

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.12	$0.79	**$12.91**	$3.00	$1.46	$1.50	$0.23	$18.93	**$25.12**	**$38.03**
Standby	$6.06	$0.79							**$6.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$643,208	Elec 150 HP		130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$64.14	$3.98	**$68.12**	$12.87	$6.26	$0.35	$0.05	$99.08	**$118.62**	**$186.74**
Standby	$32.07	$3.98							**$36.05**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL027	SILO1910	BATCH PLANT, CEMENT SILO, 2,260 CF, 565 BARREL (BATCH PLANT ATTACHMENT)	$55,799			144

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.58	$0.34	**$5.92**	$0.00	$0.00	$0.00	$0.00	$8.61	**$8.61**	**$14.53**
Standby	$2.79	$0.34							**$3.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL032	SC12D-10	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 10' LONG (CEMENT SILO ATTACHMENT)	$6,348	Elec 10 HP		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**	$0.86	$0.42	$0.00	$0.00	$0.98	**$2.26**	**$2.93**
Standby	$0.32	$0.04							**$0.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL034	SC12D-20	BATCH PLANT, SCREW CONVEYOR, 12" DIA, 20' LONG (CEMENT SILO ATTACHMENT)	$15,776	Elec 20 HP		20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.58	$0.10	**$1.68**	$1.72	$0.84	$0.00	$0.00	$2.44	**$4.99**	**$6.67**
Standby	$0.79	$0.10							**$0.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL036	SC9D-10	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 10' LONG (CEMENT SILO ATTACHMENT)	$5,916	Elec 8 HP		9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.59	$0.04	**$0.63**	$0.69	$0.34	$0.00	$0.00	$0.91	**$1.94**	**$2.57**
Standby	$0.30	$0.04							**$0.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL040	SC9D-20	BATCH PLANT, SCREW CONVEYOR, 9" DIA, 20' LONG (CEMENT SILO ATTACHMENT)	$8,157	Elec 20 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.82	$0.05	**$0.87**	$1.72	$0.84	$0.00	$0.00	$1.26	**$3.82**	**$4.69**
Standby	$0.41	$0.05							**$0.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

CON-E-CO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL042	SC6D-10	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 10' LONG (CEMENT SILO ATTACHMENT)	$5,383	Elec 5 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.54	$0.03	**$0.57**	$0.43	$0.21	$0.00	$0.00	$0.83	**$1.47**	**$2.04**
Standby	$0.27	$0.03							**$0.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10CL045	SC6D-20	BATCH PLANT, SCREW CONVEYOR, 6" DIA, 20' LONG (CEMENT SILO ATTACHMENT)	$7,261	Elec 10 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.73	$0.04	**$0.77**	$0.86	$0.42	$0.00	$0.00	$1.12	**$2.40**	**$3.17**
Standby	$0.37	$0.04							**$0.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

EXCEL MACHINERY LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10EM002	BELGRADE 350 BBL	BATCH PLANT, CEMENT SILO, 45 TON HORIZONTAL 350 BARREL (BATCH PLANT ATTACHMENT)	$41,527	Elec 10 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.09	$0.26	**$4.35**	$0.86	$1.42	$0.12	$0.02	$6.33	**$8.75**	**$13.10**
Standby	$2.05	$0.26							**$2.31**	

JOHNSON-ROSS (TEREX ROADBUILDING)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$258,517	Elec 15 HP		250

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.51	$1.60	**$27.11**	$1.29	$3.13	$0.67	$0.10	$39.49	**$44.68**	**$71.79**
Standby	$12.76	$1.60							**$14.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.20 CONCRETE

JOHNSON-ROSS (TEREX ROADBUILDING)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$287,728	Elec 30 HP		489

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.96	$1.78	**$29.74**	$2.57	$3.75	$1.69	$0.26	$43.42	**$51.69**	**$81.43**
Standby	$13.98	$1.78							**$15.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$332,920	Elec 50 HP		536

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$32.20	$2.06	**$34.26**	$4.29	$6.59	$2.25	$0.34	$50.04	**$63.52**	**$97.78**
Standby	$16.10	$2.06							**$18.16**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$281,065	Elec 25 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.92	$1.74	**$28.66**	$2.15	$2.40	$2.44	$0.37	$41.92	**$49.28**	**$77.94**
Standby	$13.46	$1.74							**$15.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$386,364	Elec 45 HP		420

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.48	$2.39	**$39.87**	$3.86	$3.63	$2.36	$0.36	$58.23	**$68.44**	**$108.31**
Standby	$18.74	$2.39							**$21.13**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: 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)	$281,065	Elec 30 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.01	$1.74	**$28.75**	$2.57	$2.75	$2.23	$0.34	$42.04	**$49.93**	**$78.68**
Standby	$13.51	$1.74							**$15.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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)	$530,352	Elec 20 HP		360

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.88	$3.28	**$55.16**	$1.72	$2.34	$2.36	$0.36	$80.46	**$87.24**	**$142.40**
Standby	$25.94	$3.28							**$29.22**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type 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)	$508,479	Elec 30 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.69	$3.14	**$52.83**	$2.57	$2.90	$2.36	$0.36	$77.08	**$85.27**	**$138.10**
Standby	$24.85	$3.14							**$27.99**	

B10 0.30 PUGMILL

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$369,420	Elec 130 HP		371

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.58	$2.24	**$30.82**	$11.15	$5.42	$2.50	$0.38	$44.43	**$63.88**	**$94.70**
Standby	$14.29	$2.24							**$16.53**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

B10 BATCH PLANTS, ASPHALT & CONCRETE

B10 0.30 PUGMILL

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B10KJ002	52S PORTABLE PUGMILL	BATCHPLANT, PUGMILL, TWO 14' LONG X 7' WIDE 15 CY PRIMARY HOPPERS WITH 36" WIDE X 36' LONG BELT FEEDERS, 4' WIDE X 8' LONG TWIN SHAFT PUGMILL, WALKWAY, TANDEM AXLE CHASSIS, UP TO 500 TONS PER HOUR (ADD 200 KW GENERATOR & MATERIAL FEEDS)	$373,134	Elec 220 HP		444

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.78	$2.26	**$31.04**	$18.88	$9.19	$2.77	$0.42	$44.76	**$76.02**	**$107.06**
Standby	$14.39	$2.26							**$16.65**	

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

BROCE MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15BM001	RJT-350	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED	$66,693	D-On 80 HP		50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.42	$0.39	**$7.81**	$13.52	$1.64	$0.16	$0.02	$7.75	**$23.09**	**$30.90**
Standby	$3.71	$0.39							**$4.10**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15EC001	EAGLE F	STREET SWEEPER, 10' BROOM PATH, 4.5 CY HOPPER, 280 GAL WATER TANK, DUAL ENGINE, SELF PROPELLED	$343,114	D-Off 74 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.08	$1.99	**$40.07**	$10.46	$1.27	$1.07	$0.16	$39.75	**$52.71**	**$92.78**
Standby	$19.04	$1.99							**$21.03**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15EC002	PELICAN P DUAL	STREET SWEEPER, 10' BROOM PATH, 3.5 CY HOPPER, 220 GAL WATER TANK, SELF PROPELLED	$200,920	D-On 74 HP		143

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.30	$1.17	**$23.47**	$12.50	$1.52	$0.60	$0.09	$23.27	**$37.98**	**$61.45**
Standby	$11.15	$1.17							**$12.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15EC003	BROOM BEAR FL42H	STREET SWEEPER, 12' BROOM PATH, 4.5 CY HOPPER, 360 GAL WATER TANK, SELF PROPELLED	$335,693	D-On 260 HP		213

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.25	$1.95	**$39.20**	$43.93	$5.33	$1.07	$0.16	$38.88	**$89.38**	**$128.58**
Standby	$18.63	$1.95							**$20.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ELGIN SWEEPER COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15EC004	MEGAWIND	STREET SWEEPER AND CATCH BASIN CLEANER, 12' BROOM PATH, 13 CY HOPPER, 335 GAL WATER TANK, SELF PROPELLED	$354,707	D-On 74 HP		238

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.90	$2.06	**$41.96**	$12.50	$1.52	$0.00	$0.00	$41.59	**$55.61**	**$97.57**
Standby	$19.95	$2.06							**$22.01**	

LAYMOR SWEEPERS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15LS001	SM300	BROOM, 8' BROOM PATH, PAVEMENT, SELF PROPELLED	$28,250	D-On 25 HP		30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.12	$0.16	**$3.28**	$4.22	$0.51	$0.12	$0.02	$3.25	**$8.13**	**$11.41**
Standby	$1.56	$0.16							**$1.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

LAYMOR SWEEPERS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15LS002	SM450 ST	BROOM, 100" BROOM PATH, PAVEMENT, W/SPRINKLER AND 180 GAL WATER TANK, SELF PROPELLED	$39,641	D-On 74 HP		48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.40	$0.23	**$4.63**	$12.50	$1.52	$0.12	$0.02	$4.59	**$18.75**	**$23.38**
Standby	$2.20	$0.23							**$2.43**	

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15MB001	ARMT	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 45 GAL WATER TANK, PTO DRIVE (ADD 45-100 HP AGRICULTURAL TRACTOR)	$8,620			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.97	$0.05	**$1.02**	$0.00	$0.25	$0.00	$0.00	$1.01	**$1.26**	**$2.28**
Standby	$0.49	$0.05							**$0.54**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

M-B COMPANIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$10,864			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.22	$0.06	**$1.28**	$0.00	$0.35	$0.00	$0.00	$1.27	**$1.62**	**$2.90**
Standby	$0.61	$0.06							**$0.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15MB004	53MH	STREET SWEEPER, 7' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, TOWED (ADD TOWING PICKUP TRUCK)	$25,760	Gas 24 HP		17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.87	$0.15	**$3.02**	$5.85	$0.61	$0.05	$0.01	$2.99	**$9.51**	**$12.53**
Standby	$1.44	$0.15							**$1.59**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

ROSCO, A LeeBoy COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15RS001	RB-50	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED	$78,114	D-On 74 HP		56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.73	$0.45	**$9.18**	$12.50	$1.52	$0.12	$0.02	$9.10	**$23.26**	**$32.44**
Standby	$4.37	$0.45							**$4.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15RS005	CHALLENGE R 7	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 150 GAL WATER TANK, SELF PROPELLED	$95,131	D-On 74 HP		75

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.62	$0.55	**$11.17**	$12.50	$1.52	$0.16	$0.02	$11.08	**$25.28**	**$36.45**
Standby	$5.31	$0.55							**$5.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B15 BROOMS, STREET SWEEPERS & FLUSHERS

B15 0.00 BROOMS, STREET SWEEPERS & FLUSHERS

TERRAMITE CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15TB001	TSS46	STREET SWEEPER, 6' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED	$25,835	D-Off 37 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.87	$0.15	**$3.02**	$5.23	$0.63	$0.07	$0.01	$2.99	**$8.94**	**$11.96**
Standby	$1.44	$0.15							**$1.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B15TB002	TSS48	STREET SWEEPER, 8' BROOM PATH, W/SPRINKLER AND 2 - 50 GAL WATER TANKS, SELF PROPELLED	$25,990	D-Off 37 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.89	$0.15	**$3.04**	$5.23	$0.63	$0.07	$0.01	$3.01	**$8.96**	**$12.00**
Standby	$1.45	$0.15							**$1.60**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN001	75XP	BRUSH CHIPPER, 7" CAPACITY, DISC TYPE, TRAILER MTD	$19,059	Gas 25 HP		21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.72	$0.11	**$1.83**	$6.09	$0.84	$1.24	$0.19	$2.07	**$10.44**	**$12.27**
Standby	$0.86	$0.11							**$0.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN002	90XP	BRUSH CHIPPER, 9" CAPACITY, DISC TYPE, TRAILER MTD	$28,764	Gas 37 HP		46

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.20	$0.17	**$3.37**	$9.02	$1.25	$0.06	$0.01	$3.76	**$14.10**	**$17.47**
Standby	$1.60	$0.17							**$1.77**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN003	200XP	BRUSH CHIPPER, 12" CAPACITY, DISC TYPE, TRAILER MTD	$39,672	Gas 84 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.41	$0.23	**$4.64**	$20.47	$2.84	$0.10	$0.01	$5.18	**$28.60**	**$33.24**
Standby	$2.21	$0.23							**$2.44**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN005	15XPC	BRUSH CHIPPER, 15" CAPACITY, DRUM TYPE, TRAILER MTD	$54,104	Gas 145 HP		68

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.02	$0.31	**$6.33**	$35.33	$4.90	$0.12	$0.02	$7.07	**$47.43**	**$53.76**
Standby	$3.01	$0.31							**$3.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN006	18XP	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD	$71,601	Gas 165 HP		97

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.99	$0.42	**$8.41**	$40.21	$5.58	$0.12	$0.02	$9.37	**$55.30**	**$63.71**
Standby	$4.00	$0.42							**$4.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN007	21XP	BRUSH CHIPPER, 21" CAPACITY, DRUM TYPE, TRAILER MTD	$152,302	D-Off 300 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.00	$0.88	**$17.88**	$42.41	$5.15	$0.24	$0.04	$19.95	**$67.78**	**$85.66**
Standby	$8.50	$0.88							**$9.38**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20BN010	12XPC	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD	$39,823	Gas 84 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.45	$0.23	**$4.68**	$20.47	$2.84	$0.06	$0.01	$5.22	**$28.59**	**$33.27**
Standby	$2.23	$0.23							**$2.46**	

MORBARK, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ001	1415, DIESEL	BRUSH CHIPPER, 14" CAPACITY, DRUM TYPE, TRAILER MTD	$53,047	D-Off 70 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.92	$0.31	**$6.23**	$9.90	$1.20	$0.08	$0.01	$6.95	**$18.15**	**$24.38**
Standby	$2.96	$0.31							**$3.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ003	1821, DIESEL	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD	$85,860	D-Off 140 HP		102

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.61	$0.50	**$10.11**	$19.79	$2.40	$0.09	$0.01	$11.27	**$33.57**	**$43.68**
Standby	$4.81	$0.50							**$5.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ004	2131-SA, DIESEL	BRUSH CHIPPER, 20" CAPACITY, DRUM TYPE, TRAILER MTD	$91,660	D-Off 140 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.21	$0.53	**$10.74**	$19.79	$2.40	$0.17	$0.03	$11.99	**$34.38**	**$45.12**
Standby	$5.11	$0.53							**$5.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ005	2230, DIESEL DRUM	BRUSH CHIPPER, LOG CHIPPER, 22" CAPACITY, DISC TYPE, TRAILER MTD	$189,008	D-Off 415 HP		173

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.17	$1.10	**$22.27**	$58.66	$7.12	$0.17	$0.03	$24.83	**$90.81**	**$113.08**
Standby	$10.59	$1.10							**$11.69**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ006	1215, DIESEL	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD	$41,888	D-Off 48 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.66	$0.24	**$4.90**	$6.79	$0.82	$0.08	$0.01	$5.48	**$13.19**	**$18.09**
Standby	$2.33	$0.24							**$2.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ007	1215, GAS	BRUSH CHIPPER, 12" CAPACITY, DRUM TYPE, TRAILER MTD	$35,937	Gas 75 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.99	$0.21	**$4.20**	$18.28	$2.54	$0.08	$0.01	$4.69	**$25.60**	**$29.80**
Standby	$2.00	$0.21							**$2.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ008	1415, GAS	BRUSH CHIPPER, LOG CHIPPER, 14" CAPACITY, DRUM TYPE, TRAILER MTD	$43,649	Gas 75 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.86	$0.25	**$5.11**	$18.28	$2.54	$0.08	$0.01	$5.71	**$26.62**	**$31.73**
Standby	$2.43	$0.25							**$2.68**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B20 BRUSH CHIPPERS

B20 0.00 BRUSH CHIPPERS

MORBARK, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ009	1821, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD	$65,786	Gas 165 HP		102

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.35	$0.38	**$7.73**	$40.21	$5.58	$0.09	$0.01	$8.63	**$54.51**	**$62.24**
Standby	$3.68	$0.38							**$4.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B20MQ010	2131-SA, GAS	BRUSH CHIPPER, 18" CAPACITY, DRUM TYPE, TRAILER MTD	$68,453	Gas 165 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.60	$0.40	**$8.00**	$40.21	$5.58	$0.17	$0.03	$8.93	**$54.91**	**$62.91**
Standby	$3.80	$0.40							**$4.20**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB001	MWRH-050	BUCKET, CLAMSHELL, 0.5 CY, HEAVY DUTY/DIGGING	$30,046			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.38	$0.17	**$3.55**	$0.00	$0.00	$0.00	$0.00	$3.02	**$3.02**	**$6.57**
Severe	$4.16	$0.18	**$4.34**	$0.00	$0.00	$0.00	$0.00	$4.24	**$4.24**	**$8.58**
Standby	$1.69	$0.17							**$1.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB003	MWRH-100	BUCKET, CLAMSHELL, 1.0 CY, HEAVY DUTY/DIGGING	$32,628			48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.67	$0.19	**$3.86**	$0.00	$0.00	$0.00	$0.00	$3.27	**$3.27**	**$7.13**
Severe	$4.52	$0.19	**$4.71**	$0.00	$0.00	$0.00	$0.00	$4.61	**$4.61**	**$9.32**
Standby	$1.84	$0.19							**$2.03**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB005	MWRH-150	BUCKET, CLAMSHELL, 1.5 CY, HEAVY DUTY/DIGGING	$43,146			66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.85	$0.25	**$5.10**	$0.00	$0.00	$0.00	$0.00	$4.33	**$4.33**	**$9.43**
Severe	$5.97	$0.26	**$6.23**	$0.00	$0.00	$0.00	$0.00	$6.09	**$6.09**	**$12.32**
Standby	$2.43	$0.25							**$2.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB007	MWRH-200	BUCKET, CLAMSHELL, 2.0 CY, HEAVY DUTY/DIGGING	$46,894			78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.28	$0.27	**$5.55**	$0.00	$0.00	$0.00	$0.00	$4.71	**$4.71**	**$10.26**
Severe	$6.49	$0.28	**$6.77**	$0.00	$0.00	$0.00	$0.00	$6.62	**$6.62**	**$13.39**
Standby	$2.64	$0.27							**$2.91**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB008	MWRH-250	BUCKET, CLAMSHELL, 2.5 CY, HEAVY DUTY/DIGGING	$48,869			91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.50	$0.28	**$5.78**	$0.00	$0.00	$0.00	$0.00	$4.90	**$4.90**	**$10.68**
Severe	$6.77	$0.29	**$7.06**	$0.00	$0.00	$0.00	$0.00	$6.90	**$6.90**	**$13.96**
Standby	$2.75	$0.28							**$3.03**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB009	MWRH-300	BUCKET, CLAMSHELL, 3.0 CY, HEAVY DUTY/DIGGING	$52,082			103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.86	$0.30	**$6.16**	$0.00	$0.00	$0.00	$0.00	$5.23	**$5.23**	**$11.39**
Severe	$7.21	$0.31	**$7.52**	$0.00	$0.00	$0.00	$0.00	$7.35	**$7.35**	**$14.87**
Standby	$2.93	$0.30							**$3.23**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB010	MWRH-350	BUCKET, CLAMSHELL, 3.5 CY, HEAVY DUTY/DIGGING	$55,998			131

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.30	$0.32	**$6.62**	$0.00	$0.00	$0.00	$0.00	$5.62	**$5.62**	**$12.24**
Severe	$7.75	$0.33	**$8.08**	$0.00	$0.00	$0.00	$0.00	$7.91	**$7.91**	**$15.99**
Standby	$3.15	$0.32							**$3.47**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB011	MWRH-400	BUCKET, CLAMSHELL, 4.0 CY, HEAVY DUTY/DIGGING	$54,946			145

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.18	$0.32	**$6.50**	$0.00	$0.00	$0.00	$0.00	$5.51	**$5.51**	**$12.01**
Severe	$7.61	$0.33	**$7.94**	$0.00	$0.00	$0.00	$0.00	$7.76	**$7.76**	**$15.70**
Standby	$3.09	$0.32							**$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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB012	MWRH-450	BUCKET, CLAMSHELL, 4.5 CY, HEAVY DUTY/DIGGING	$64,221			165

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.22	$0.37	**$7.59**	$0.00	$0.00	$0.00	$0.00	$6.45	**$6.45**	**$14.04**
Severe	$8.89	$0.38	**$9.27**	$0.00	$0.00	$0.00	$0.00	$9.07	**$9.07**	**$18.34**
Standby	$3.61	$0.37							**$3.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB013	MWHR-500	BUCKET, CLAMSHELL, 5.0 CY, HEAVY DUTY/DIGGING	$66,619			173

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.49	$0.39	**$7.88**	$0.00	$0.00	$0.00	$0.00	$6.69	**$6.69**	**$14.57**
Severe	$9.22	$0.40	**$9.62**	$0.00	$0.00	$0.00	$0.00	$9.40	**$9.40**	**$19.02**
Standby	$3.75	$0.39							**$4.14**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB014	MWRH-550	BUCKET, CLAMSHELL, 5.5 CY, HEAVY DUTY/DIGGING	$67,691			178

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.62	$0.39	**$8.01**	$0.00	$0.00	$0.00	$0.00	$6.79	**$6.79**	**$14.80**
Severe	$9.37	$0.40	**$9.77**	$0.00	$0.00	$0.00	$0.00	$9.56	**$9.56**	**$19.33**
Standby	$3.81	$0.39							**$4.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25HB015	MWRH-600	BUCKET, CLAMSHELL, 6.0 CY, HEAVY DUTY/DIGGING	$74,635			199

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.40	$0.43	**$8.83**	$0.00	$0.00	$0.00	$0.00	$7.49	**$7.49**	**$16.32**
Severe	$10.33	$0.45	**$10.78**	$0.00	$0.00	$0.00	$0.00	$10.54	**$10.54**	**$21.32**
Standby	$4.20	$0.43							**$4.63**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX004	1 RN	BUCKET, CLAMSHELL, 1.0 CY, ROUND NOSE, STANDARD	$33,198			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.73	$0.19	**$3.92**	$0.00	$0.00	$0.00	$0.00	$3.33	**$3.33**	**$7.25**
Severe	$4.60	$0.20	**$4.80**	$0.00	$0.00	$0.00	$0.00	$4.69	**$4.69**	**$9.49**
Standby	$1.87	$0.19							**$2.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX008	2 RN	BUCKET, CLAMSHELL, 2.0 CY, ROUND NOSE, STANDARD	$51,237			70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.76	$0.30	**$6.06**	$0.00	$0.00	$0.00	$0.00	$5.14	**$5.14**	**$11.20**
Severe	$7.09	$0.31	**$7.40**	$0.00	$0.00	$0.00	$0.00	$7.23	**$7.23**	**$14.63**
Standby	$2.88	$0.30							**$3.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX010	3 RN	BUCKET, CLAMSHELL, 3.0 CY, ROUND NOSE, STANDARD	$52,357			87

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.89	$0.30	**$6.19**	$0.00	$0.00	$0.00	$0.00	$5.25	**$5.25**	**$11.44**
Severe	$7.25	$0.31	**$7.56**	$0.00	$0.00	$0.00	$0.00	$7.39	**$7.39**	**$14.95**
Standby	$2.95	$0.30							**$3.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX012	4 RN	BUCKET, CLAMSHELL, 4.0 CY, ROUND NOSE, STANDARD	$63,698			117

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.17	$0.37	**$7.54**	$0.00	$0.00	$0.00	$0.00	$6.39	**$6.39**	**$13.93**
Severe	$8.82	$0.38	**$9.20**	$0.00	$0.00	$0.00	$0.00	$8.99	**$8.99**	**$18.19**
Standby	$3.59	$0.37							**$3.96**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX014	5 RN	BUCKET, CLAMSHELL, 5.0 CY, ROUND NOSE, STANDARD	$90,002			160

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.13	$0.52	**$10.65**	$0.00	$0.00	$0.00	$0.00	$9.03	**$9.03**	**$19.68**
Severe	$12.46	$0.54	**$13.00**	$0.00	$0.00	$0.00	$0.00	$12.71	**$12.71**	**$25.71**
Standby	$5.07	$0.52							**$5.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX016	6 RN	BUCKET, CLAMSHELL, 6.0 CY, ROUND NOSE, STANDARD	$95,206			180

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.71	$0.55	**$11.26**	$0.00	$0.00	$0.00	$0.00	$9.56	**$9.56**	**$20.82**
Severe	$13.18	$0.57	**$13.75**	$0.00	$0.00	$0.00	$0.00	$13.44	**$13.44**	**$27.19**
Standby	$5.36	$0.55							**$5.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX018	7 RN	BUCKET, CLAMSHELL, 7.0 CY, ROUND NOSE, STANDARD	$113,709			210

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.79	$0.66	**$13.45**	$0.00	$0.00	$0.00	$0.00	$11.41	**$11.41**	**$24.86**
Severe	$15.74	$0.68	**$16.42**	$0.00	$0.00	$0.00	$0.00	$16.05	**$16.05**	**$32.47**
Standby	$6.40	$0.66							**$7.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX019	7-1/2 RN	BUCKET, CLAMSHELL, 7.5 CY, ROUND NOSE, STANDARD	$114,393			223

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.87	$0.66	**$13.53**	$0.00	$0.00	$0.00	$0.00	$11.48	**$11.48**	**$25.01**
Severe	$15.84	$0.68	**$16.52**	$0.00	$0.00	$0.00	$0.00	$16.15	**$16.15**	**$32.67**
Standby	$6.44	$0.66							**$7.10**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B25 BUCKETS, CLAMSHELL

B25 0.00 BUCKETS, CLAMSHELL

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B25XX020	8 RN	BUCKET, CLAMSHELL, 8.0 CY, ROUND NOSE, STANDARD	$120,581			223

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.57	$0.70	**$14.27**	$0.00	$0.00	$0.00	$0.00	$12.10	**$12.10**	**$26.37**
Severe	$16.70	$0.72	**$17.42**	$0.00	$0.00	$0.00	$0.00	$17.02	**$17.02**	**$34.44**
Standby	$6.79	$0.70							**$7.49**	

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB001	433-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.0 CY	$5,830			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.69	$0.03	**$0.72**	$0.00	$0.00	$0.00	$0.00	$0.59	**$0.59**	**$1.31**
Standby	$0.35	$0.03							**$0.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB002	442-G	BUCKET, CONCRETE, GENERAL PURPOSE, 1.5 CY	$7,547			8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.90	$0.04	**$0.94**	$0.00	$0.00	$0.00	$0.00	$0.76	**$0.76**	**$1.70**
Standby	$0.45	$0.04							**$0.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB003	462-G	BUCKET, CONCRETE, GENERAL PURPOSE, 2.0 CY	$9,318			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.11	$0.05	**$1.16**	$0.00	$0.00	$0.00	$0.00	$0.94	**$0.94**	**$2.10**
Standby	$0.56	$0.05							**$0.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB004	493-G	BUCKET, CONCRETE, GENERAL PURPOSE, 3.0 CY	$13,470			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.60	$0.08	**$1.68**	$0.00	$0.00	$0.00	$0.00	$1.35	**$1.35**	**$3.03**
Standby	$0.80	$0.08							**$0.88**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.10 GENERAL PURPOSE, MANUAL TRIP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B30GB005	4123-G	BUCKET, CONCRETE, GENERAL PURPOSE, 4.0 CY	$15,990			18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.90	$0.09	**$1.99**	$0.00	$0.00	$0.00	$0.00	$1.60	**$1.60**	**$3.59**
Standby	$0.95	$0.09							**$1.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B30GB018	413-G	BUCKET, CONCRETE, GENERAL PURPOSE, 0.5 CY	$4,762			4

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	$0.48	**$0.48**	**$1.08**
Standby	$0.29	$0.03							**$0.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB006	425-A	BUCKET, CONCRETE, LAYDOWN, 1.0 CY, HEAVY DUTY AIR GATE	$36,550			26

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.34	$0.21	**$4.55**	$0.00	$0.00	$0.00	$0.00	$3.93	**$3.93**	**$8.48**
Standby	$2.17	$0.21							**$2.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB007	465-A	BUCKET, CONCRETE, LAYDOWN, 2.0 CY, HEAVY DUTY AIR GATE	$39,617			32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.70	$0.22	**$4.92**	$0.00	$0.00	$0.00	$0.00	$4.26	**$4.26**	**$9.18**
Standby	$2.35	$0.22							**$2.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB008	495-A	BUCKET, CONCRETE, LAYDOWN, 3.0 CY, HEAVY DUTY AIR GATE	$43,837			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.21	$0.25	**$5.46**	$0.00	$0.00	$0.00	$0.00	$4.71	**$4.71**	**$10.17**
Standby	$2.61	$0.25							**$2.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.20 LAYDOWN

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B30GB009	4125-A	BUCKET, CONCRETE, LAYDOWN, 4.0 CY, HEAVY DUTY AIR GATE	$48,684			51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.78	$0.27	**$6.05**	$0.00	$0.00	$0.00	$0.00	$5.23	**$5.23**	**$11.28**
Standby	$2.89	$0.27							**$3.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
B30GB010	4155-A	BUCKET, CONCRETE, LAYDOWN, 5.0 CY, HEAVY DUTY AIR GATE	$61,721			73

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.33	$0.35	**$7.68**	$0.00	$0.00	$0.00	$0.00	$6.64	**$6.64**	**$14.32**
Standby	$3.67	$0.35							**$4.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR001	LB-375	BUCKET, CONCRETE, LOWBOY, 0.38 CY	$2,468			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**	$0.00	$0.00	$0.00	$0.00	$0.28	**$0.28**	**$0.58**
Standby	$0.15	$0.01							**$0.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR002	LB-050	BUCKET, CONCRETE, LOWBOY, 0.5 CY	$2,729			2

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	$0.31	**$0.31**	**$0.65**
Standby	$0.16	$0.02							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR003	LB-075	BUCKET, CONCRETE, LOWBOY, 0.75 CY	$3,017			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.36	$0.02	**$0.38**	$0.00	$0.00	$0.00	$0.00	$0.35	**$0.35**	**$0.73**
Standby	$0.18	$0.02							**$0.20**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR004	LB-100	BUCKET, CONCRETE, LOWBOY, 1.0 CY	$3,333			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.40	$0.02	**$0.42**	$0.00	$0.00	$0.00	$0.00	$0.38	**$0.38**	**$0.80**
Standby	$0.20	$0.02							**$0.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR005	LB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY	$4,144			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.02	**$0.51**	$0.00	$0.00	$0.00	$0.00	$0.48	**$0.48**	**$0.99**
Standby	$0.25	$0.02							**$0.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR006	LB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY	$4,916			8

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	$0.56	**$0.56**	**$1.17**
Standby	$0.29	$0.03							**$0.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR009	LXB-150	BUCKET, CONCRETE, LOWBOY, 1.5 CY	$5,057			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.60	$0.03	**$0.63**	$0.00	$0.00	$0.00	$0.00	$0.58	**$0.58**	**$1.21**
Standby	$0.30	$0.03							**$0.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR010	LXB-200	BUCKET, CONCRETE, LOWBOY, 2.0 CY	$6,118			9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.73	$0.03	**$0.76**	$0.00	$0.00	$0.00	$0.00	$0.70	**$0.70**	**$1.46**
Standby	$0.37	$0.03							**$0.40**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR011	LXB-300	BUCKET, CONCRETE, LOWBOY, 3.0 CY	$7,146			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.85	$0.04	**$0.89**	$0.00	$0.00	$0.00	$0.00	$0.82	**$0.82**	**$1.71**
Standby	$0.43	$0.04							**$0.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.30 LOWBOY

CAMLEVER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30CR012	LXB-400	BUCKET, CONCRETE, LOWBOY, 4.0 CY	$8,762			15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.04	$0.05	**$1.09**	$0.00	$0.00	$0.00	$0.00	$1.00	**$1.00**	**$2.09**
Standby	$0.52	$0.05							**$0.57**	

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB011	440-A	BUCKET, CONCRETE, LOW SLUMP, 1.0 CY, AIR GATE	$23,706			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.82	$0.13	**$2.95**	$0.00	$0.00	$0.00	$0.00	$2.72	**$2.72**	**$5.67**
Standby	$1.41	$0.13							**$1.54**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB012	450-A	BUCKET, CONCRETE, LOW SLUMP, 1.5 CY, AIR GATE	$24,574			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.92	$0.14	**$3.06**	$0.00	$0.00	$0.00	$0.00	$2.82	**$2.82**	**$5.88**
Standby	$1.46	$0.14							**$1.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB013	460-A	BUCKET, CONCRETE, LOW SLUMP, 2.0 CY, AIR GATE	$25,497			24

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.03	$0.14	**$3.17**	$0.00	$0.00	$0.00	$0.00	$2.92	**$2.92**	**$6.09**
Standby	$1.52	$0.14							**$1.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB014	493-A	BUCKET, CONCRETE, LOW SLUMP, 3.0 CY, AIR GATE	$33,582			49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.99	$0.19	**$4.18**	$0.00	$0.00	$0.00	$0.00	$3.85	**$3.85**	**$8.03**
Standby	$2.00	$0.19							**$2.19**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

B30 BUCKETS, CONCRETE

B30 0.40 LOW SLUMP

GAR-BRO MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB015	4139-A	BUCKET, CONCRETE, LOW SLUMP, 4.0 CY, AIR GATE	$25,481			52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.03	$0.14	**$3.17**	$0.00	$0.00	$0.00	$0.00	$2.92	**$2.92**	**$6.09**
Standby	$1.52	$0.14							**$1.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB016	4200-A	BUCKET, CONCRETE, LOW SLUMP, 6.0 CY, AIR GATE	$58,040			78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.89	$0.33	**$7.22**	$0.00	$0.00	$0.00	$0.00	$6.66	**$6.66**	**$13.88**
Standby	$3.45	$0.33							**$3.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B30GB017	4250-A	BUCKET, CONCRETE, LOW SLUMP, 8.0 CY, AIR GATE	$62,976			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.48	$0.35	**$7.83**	$0.00	$0.00	$0.00	$0.00	$7.22	**$7.22**	**$15.05**
Standby	$3.74	$0.35							**$4.09**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE018	TS	BUCKET, DRAGLINE, 0.75 CY, MEDIUM WEIGHT	$10,136			17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.01	$0.06	**$1.07**	$0.00	$0.00	$0.00	$0.00	$0.90	**$0.90**	**$1.97**
Severe	$1.30	$0.06	**$1.36**	$0.00	$0.00	$0.00	$0.00	$1.33	**$1.33**	**$2.69**
Standby	$0.51	$0.06							**$0.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE019	TS	BUCKET, DRAGLINE, 1.0 CY, MEDIUM WEIGHT	$11,605			19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.16	$0.07	**$1.23**	$0.00	$0.00	$0.00	$0.00	$1.04	**$1.04**	**$2.27**
Severe	$1.49	$0.07	**$1.56**	$0.00	$0.00	$0.00	$0.00	$1.52	**$1.52**	**$3.08**
Standby	$0.58	$0.07							**$0.65**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE020	TS	BUCKET, DRAGLINE, 1.5 CY, MEDIUM WEIGHT	$16,569			28

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.66	$0.09	**$1.75**	$0.00	$0.00	$0.00	$0.00	$1.48	**$1.48**	**$3.23**
Severe	$2.13	$0.10	**$2.23**	$0.00	$0.00	$0.00	$0.00	$2.17	**$2.17**	**$4.40**
Standby	$0.83	$0.09							**$0.92**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE021	TS	BUCKET, DRAGLINE, 2.0 CY, MEDIUM WEIGHT	$20,915			36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.09	$0.12	**$2.21**	$0.00	$0.00	$0.00	$0.00	$1.87	**$1.87**	**$4.08**
Severe	$2.69	$0.12	**$2.81**	$0.00	$0.00	$0.00	$0.00	$2.74	**$2.74**	**$5.55**
Standby	$1.05	$0.12							**$1.17**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE022	TS	BUCKET, DRAGLINE, 2.5 CY, MEDIUM WEIGHT	$24,119			41

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.41	$0.14	**$2.55**	$0.00	$0.00	$0.00	$0.00	$2.15	**$2.15**	**$4.70**
Severe	$3.10	$0.14	**$3.24**	$0.00	$0.00	$0.00	$0.00	$3.16	**$3.16**	**$6.40**
Standby	$1.21	$0.14							**$1.35**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE023	TS	BUCKET, DRAGLINE, 3.0 CY, MEDIUM WEIGHT	$28,819			49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.88	$0.16	**$3.04**	$0.00	$0.00	$0.00	$0.00	$2.57	**$2.57**	**$5.61**
Severe	$3.71	$0.17	**$3.88**	$0.00	$0.00	$0.00	$0.00	$3.78	**$3.78**	**$7.66**
Standby	$1.44	$0.16							**$1.60**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE025	TS	BUCKET, DRAGLINE, 4.0 CY, MEDIUM WEIGHT	$41,186			70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.12	$0.24	**$4.36**	$0.00	$0.00	$0.00	$0.00	$3.67	**$3.67**	**$8.03**
Severe	$5.30	$0.24	**$5.54**	$0.00	$0.00	$0.00	$0.00	$5.40	**$5.40**	**$10.94**
Standby	$2.06	$0.24							**$2.30**	

B35 0.30 HEAVY WEIGHT

HENDRIX MANUFACTURING COMPANY, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE040	MH-S	BUCKET, DRAGLINE, 5.0 CY, HEAVY WEIGHT	$69,727			127

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.28	$0.39	**$6.67**	$0.00	$0.00	$0.00	$0.00	$5.60	**$5.60**	**$12.27**
Severe	$7.84	$0.40	**$8.24**	$0.00	$0.00	$0.00	$0.00	$8.00	**$8.00**	**$16.24**
Standby	$3.14	$0.39							**$3.53**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE041	MH-S	BUCKET, DRAGLINE, 6.0 CY, HEAVY WEIGHT	$74,671			136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.72	$0.42	**$7.14**	$0.00	$0.00	$0.00	$0.00	$6.00	**$6.00**	**$13.14**
Severe	$8.40	$0.43	**$8.83**	$0.00	$0.00	$0.00	$0.00	$8.56	**$8.56**	**$17.39**
Standby	$3.36	$0.42							**$3.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
B35HE042	MH-S	BUCKET, DRAGLINE, 7.0 CY, HEAVY WEIGHT	$96,087			175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.65	$0.54	**$9.19**	$0.00	$0.00	$0.00	$0.00	$7.71	**$7.71**	**$16.90**
Severe	$10.81	$0.56	**$11.37**	$0.00	$0.00	$0.00	$0.00	$11.02	**$11.02**	**$22.39**
Standby	$4.33	$0.54							**$4.87**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C05S7001	MS241CM	CHAIN SAW, 18" GUIDE BAR	$557	Gas 3.1 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.25	$0.00	**$0.25**	$1.04	$0.14	$0.00	$0.00	$0.82	**$2.00**	**$2.25**
Standby	$0.13	$0.00							**$0.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C05S7002	MS362RCM	CHAIN SAW, 25" GUIDE BAR	$761	Gas 4.6 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**	$1.54	$0.21	$0.00	$0.00	$1.12	**$2.87**	**$3.22**
Standby	$0.17	$0.01							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C05S7003	MS461R	CHAIN SAW, 32" GUIDE BAR	$1,131	Gas 6 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.51	$0.01	**$0.52**	$2.01	$0.28	$0.00	$0.00	$1.66	**$3.95**	**$4.47**
Standby	$0.26	$0.01							**$0.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C05 CHAIN SAWS

C05 0.00 CHAIN SAWS

STIHL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C05S7004	MS880 MAGNUM	CHAIN SAW, 59" GUIDE BAR	$2,185	Gas 8.6 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.98	$0.02	**$1.00**	$2.88	$0.40	$0.00	$0.00	$3.20	**$6.48**	**$7.48**
Standby	$0.49	$0.02							**$0.51**	

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10BO001	BT60	COMPACTOR, RAMMER, TAMPER, 9" X 13.2" SHOE, 3,372 LBS IMPACT	$3,115	Gas 4 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.74	$0.02	**$0.76**	$1.34	$0.14	$0.00	$0.00	$1.10	**$2.58**	**$3.34**
Standby	$0.37	$0.02							**$0.39**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.10 COMPACTORS, RAMMERS / TAMPERS & VIBRATORY PL

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10BO003	BVP 10/36	COMPACTOR, VIBROPLATE, 14.2" X 22" PLATE, 2,250 LBS IMPACT	$2,058	Gas 4 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.01	**$0.50**	$1.34	$0.14	$0.00	$0.00	$0.72	**$2.20**	**$2.70**
Standby	$0.25	$0.01							**$0.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10BO004	BVP 18/45	COMPACTOR, VIBROPLATE, 17.7" X 22" PLATE, 4,050 LBS IMPACT	$1,982	Gas 6 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.47	$0.01	**$0.48**	$2.01	$0.21	$0.00	$0.00	$0.70	**$2.92**	**$3.40**
Standby	$0.24	$0.01							**$0.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10BO008	BPR 50/55 D/E	COMPACTOR, VIBROPLATE, 29.5" X 35.4" PLATE, REVERSIBLE, 11,240 LBS IMPACT	$11,812	D-Off 9 HP		9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.81	$0.08	**$2.89**	$1.76	$0.18	$0.00	$0.00	$4.16	**$6.10**	**$8.99**
Standby	$1.41	$0.08							**$1.49**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10WC003	DS 70	COMPACTOR, RAMMER, 13" X 13" SHOE, 3,550 LBS IMPACT	$4,026	D-Off 4 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.96	$0.03	**$0.99**	$0.78	$0.08	$0.00	$0.00	$1.42	**$2.28**	**$3.27**
Standby	$0.48	$0.03							**$0.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10WC006	BPU 2540 A	COMPACTOR, VIBROPLATE, 19.5" X 25.5" PLATE, REVERSIBLE, 5,600 LBS IMPACT	$4,432	Gas 5.5 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.05	$0.03	**$1.08**	$1.84	$0.19	$0.00	$0.00	$1.56	**$3.59**	**$4.67**
Standby	$0.53	$0.03							**$0.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10WC007	BPU 3750A	COMPACTOR, VIBROPLATE, 19.7" WIDE PLATE, REVERSIBLE, 8,300 LBS IMPACT	$6,028	Gas 8 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.43	$0.04	**$1.47**	$2.68	$0.28	$0.00	$0.00	$2.12	**$5.08**	**$6.55**
Standby	$0.72	$0.04							**$0.76**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10WC008	DPU 6555 HEC	COMPACTOR, VIBROPLATE, 22" X 35" PLATE, REVERSIBLE, 14,600 LBS IMPACT	$14,298	D-Off 13.5 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.40	$0.09	**$3.49**	$2.65	$0.28	$0.00	$0.00	$5.03	**$7.96**	**$11.45**
Standby	$1.70	$0.09							**$1.79**	

C10 0.20 ROLLERS, VIBRATORY

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10BO009	BW 55E	COMPACTOR, ROLLER, VIBRATORY, 22"W X 15.7"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 2,250 LBS IMPACT	$7,370	Gas 4 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.57	$0.05	**$1.62**	$1.34	$0.14	$0.00	$0.00	$2.59	**$4.07**	**$5.69**
Standby	$0.79	$0.05							**$0.84**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$19,997	D-On 8.3 HP			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.25	$0.13	**$4.38**	$1.95	$0.20	$0.00	$0.00	$7.03	**$9.19**	**$13.57**
Standby	$2.13	$0.13							**$2.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$30,669	D-On 19.4 HP			35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.52	$0.20	**$6.72**	$4.55	$0.47	$0.00	$0.00	$10.79	**$15.81**	**$22.53**
Standby	$3.26	$0.20							**$3.46**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10MU001	MRH800GS	COMPACTOR, TRENCH ROLLER, VIBRATORY, 23"W X 14.6"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 7,875 LBS IMPACT	$20,269	D-Off 11 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.31	$0.14	**$4.45**	$2.16	$0.22	$0.00	$0.00	$7.13	**$9.52**	**$13.97**
Standby	$2.16	$0.14							**$2.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10MU002	RX157533	COMPACTOR, TRENCH ROLLER, VIBRATORY, 33"W X 21.7"DIA, QUAD PADFOOT DRUMS, WALK BEHIND, 15,652 LBS IMPACT	$36,268	D-Off 20.5 HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.71	$0.24	**$7.95**	$4.02	$0.42	$0.00	$0.00	$12.76	**$17.20**	**$25.15**
Standby	$3.86	$0.24							**$4.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10MU003	AR14H	COMPACTOR, ROLLER, VIBRATORY, 36"W X 22"DIA, DOUBLE SMOOTH DRUMS, RIDE ON, 3,400 LBF IMPACT	$20,749	D-Off 21 HP		30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.41	$0.14	**$4.55**	$4.12	$0.43	$0.00	$0.00	$7.30	**$11.85**	**$16.40**
Standby	$2.21	$0.14							**$2.35**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C10 0.20 ROLLERS, VIBRATORY

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C10WC010	RSS800A	COMPACTOR, ROLLER, VIBRATORY, 28"W X 22"DIA, SINGLE SMOOTH DRUM, WALK BEHIND, 3,400 LBS IMPACT	$11,556	Gas 11 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.46	$0.08	**$2.54**	$3.68	$0.38	$0.00	$0.00	$4.07	**$8.13**	**$10.67**
Standby	$1.23	$0.08							**$1.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$43,244	D-On 19.8 HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.19	$0.29	**$9.48**	$4.64	$0.48	$0.00	$0.00	$15.21	**$20.33**	**$29.81**
Standby	$4.60	$0.29							**$4.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$16,308	D-Off 9 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.47	$0.11	**$3.58**	$1.76	$0.18	$0.00	$0.00	$5.74	**$7.68**	**$11.26**
Standby	$1.74	$0.11							**$1.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C10 COMPACTORS, WALK-BEHIND OR REMOTE CONTROLLER

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$8,890	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**	$0.18	$0.60	$0.00	$0.00	$2.35	**$3.12**	**$4.96**
Standby	$0.89	$0.06							**$0.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C15BL003	1-10DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 10" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)	$48,184	Elec 10 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.64	$0.33	**$9.97**	$0.92	$2.00	$0.00	$0.00	$12.71	**$15.63**	**$25.60**
Standby	$4.82	$0.33							**$5.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

BLASTRAC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C15BL004	1-15DSG1 & BDC66HLG	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 15" PATH (ADD 30 KVA GENERATOR & BLAST MEDIA COST)	$53,318	Elec 15 HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.66	$0.36	**$11.02**	$1.39	$2.50	$0.00	$0.00	$14.07	**$17.96**	**$28.98**
Standby	$5.33	$0.36							**$5.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C15BL005	2-20DTMKII&BDC99DBP	CONCRETE BLASTER CLEANING SYSTEM, WALK BEHIND, 20" PATH (ADD 75 KVA GENERATOR & BLAST MEDIA COST)	$67,591	Elec 30 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.52	$0.46	**$13.98**	$2.77	$3.50	$0.00	$0.00	$17.83	**$24.10**	**$38.08**
Standby	$6.76	$0.46							**$7.22**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C15 CONCRETE CLEANERS / ABRASIVE BLASTERS

C15 0.10 WALK BEHIND

EQUIPMENT DEVELOPMENT CO., INC. (EDCO)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
C15ED001	TLR-7	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, 7" CUTTING WIDTH	$8,743	Gas	11	HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.75	$0.06	**$1.81**	$2.86	$0.40	$0.00	$0.00	$2.31	**$5.56**	**$7.37**
Standby	$0.88	$0.06							**$0.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
C15ED002	CPM-8	CONCRETE GRINDER, WALK BEHIND, TRAFFIC LINE REMOVER, SCARIFIER, 8" CUTTING PATH	$5,437	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**	$2.34	$0.32	$0.00	$0.00	$1.43	**$4.10**	**$5.23**
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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C15BL007	2-48DS & 2-48DC	CONCRETE BLASTER, SELF PROPELLED, 48" PATH	$161,088	Elec 110 HP		51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.11	$1.00	**$17.11**	$13.79	$11.45	$0.00	$0.00	$21.25	**$46.50**	**$63.61**
Standby	$8.06	$1.00							**$9.06**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$98,806	Gas 350 HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.88	$0.61	**$10.49**	$124.31	$17.24	$0.00	$0.00	$13.03	**$154.59**	**$165.08**
Standby	$4.94	$0.61							**$5.55**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C20XX001	WBH-16	CONCRETE BUGGY, 16 CF BUCKET, 2,500 LBS	$12,357	Gas 12 HP		14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.41	$0.08	**$2.49**	$3.12	$0.43	$0.05	$0.01	$2.48	**$6.10**	**$8.59**
Standby	$1.21	$0.08							**$1.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C20XX002	107TT	CONCRETE BUGGY, 11.5 CF BUCKET, 1,500 LBS, CRAWLER MTD	$14,073	Gas 8 HP		14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.81	$0.10	**$2.91**	$2.08	$0.29	$0.00	$0.00	$2.89	**$5.26**	**$8.17**
Standby	$1.41	$0.10							**$1.51**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ020	TR MP215	CONCRETE TROWEL, RIDING, 2 - 36" DIA ROTORS, 4 BLADED SPIDER, 145 RPM	$13,391	Gas 22 HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.14	$0.09	**$2.23**	$5.72	$0.79	$0.00	$0.00	$2.51	**$9.03**	**$11.26**
Standby	$1.07	$0.09							**$1.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ022	TR MSP445	CONCRETE TROWEL, RIDING, 2 - 46" DIA ROTORS, 5 BLADED SPIDER, 45-180 RPM	$21,446	Gas 37 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.43	$0.14	**$3.57**	$9.63	$1.34	$0.00	$0.00	$4.02	**$14.99**	**$18.56**
Standby	$1.72	$0.14							**$1.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ029	436P	CONCRETE FINISHER, WALK BEHIND, POWER ROTO TROWEL, 36" DIA ROTOR, 4 BLADES, 120 RPM	$3,056	Gas 9 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.02	**$0.51**	$2.34	$0.32	$0.00	$0.00	$0.57	**$3.24**	**$3.75**
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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ030	MSP 455	CONCRETE TROWEL, RIDING, 2-46" DIA, 5 BLADED SPIDER, 165 RPM	$25,906	Gas 37 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.14	$0.17	**$4.31**	$9.63	$1.34	$0.00	$0.00	$4.86	**$15.83**	**$20.14**
Standby	$2.07	$0.17							**$2.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ036	HDX780	CONCRETE TROWEL, RIDING, 2 - 60" DIA ROTORS, 6 BLADED, 130 RPM	$79,186	D-Off 74 HP		29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.67	$0.52	**$13.19**	$11.47	$1.39	$0.00	$0.00	$14.86	**$27.72**	**$40.91**
Standby	$6.34	$0.52							**$6.86**	

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25MU001	J36H90H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 36" DIA ROTOR, 4 BLADES	$2,788	Gas 8 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.45	$0.02	**$0.47**	$2.08	$0.29	$0.00	$0.00	$0.52	**$2.89**	**$3.36**
Standby	$0.23	$0.02							**$0.25**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.10 FINISHERS/TROWELS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25MU002	B46H11H	CONCRETE FINISHER, WALK BEHIND, ROTO TROWEL, 46" DIA ROTOR, 4 BLADES	$3,033	Gas 9 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.02	**$0.51**	$2.34	$0.32	$0.00	$0.00	$0.57	**$3.23**	**$3.74**
Standby	$0.25	$0.02							**$0.27**	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25WC002	CT48-8A	CONCRETE FINISHER, WALK BEHIND, POWER TROWEL, 48" DIA ROTOR, 4 BLADES	$3,014	Gas 7.1 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.48	$0.02	**$0.50**	$1.85	$0.26	$0.00	$0.00	$0.57	**$2.67**	**$3.17**
Standby	$0.24	$0.02							**$0.26**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ024	SA12	CONCRETE, PNEUMATIC VIBRATORY SCREED, VARIABLE WIDTH 65' MAX WDITH (ADD 100CFM COMPRESSOR)	$10,501			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.68	$0.07	**$1.75**	$0.00	$0.00	$0.00	$0.00	$1.97	**$1.97**	**$3.72**
Standby	$0.84	$0.07							**$0.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ026	HD7070 10'	CONCRETE, VIBRATORY POWER SCREED, 10' WIDTH	$2,622	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**	$0.39	$0.05	$0.00	$0.00	$0.49	**$0.94**	**$1.38**
Standby	$0.21	$0.02							**$0.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ027	HD7070 16'	CONCRETE, VIBRATORY POWER SCREED, 16' WIDTH	$2,927	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**	$0.39	$0.05	$0.00	$0.00	$0.55	**$0.99**	**$1.48**
Standby	$0.24	$0.02							**$0.26**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ028	RTF EPU ROLLER	CONCRETE, ROLLER TUBE FINISHER, UP TO 20' WIDTH, 4.5" DIA	$3,661	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**	$0.65	$0.09	$0.00	$0.00	$0.69	**$1.43**	**$2.04**
Standby	$0.30	$0.02							**$0.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25AJ035	SE12	SCREED, ECCENTRIC SHAFT VIBRATORY SCREED, VARIABLE WIDTH UP TO 42.5' MAX	$12,888	Gas 11 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.06	$0.08	**$2.14**	$2.86	$0.40	$0.00	$0.00	$2.42	**$5.67**	**$7.81**
Standby	$1.03	$0.08							**$1.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX030	4' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 4' WIDTH	$1,801	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**	$0.39	$0.05	$0.00	$0.00	$0.34	**$0.78**	**$1.08**
Standby	$0.15	$0.01							**$0.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX031	8' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 8' WIDTH	$1,876	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**	$0.39	$0.05	$0.00	$0.00	$0.35	**$0.80**	**$1.11**
Standby	$0.15	$0.01							**$0.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX032	12.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 12.5' WIDTH	$5,888	Gas 5.5 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.94	$0.04	**$0.98**	$1.43	$0.20	$0.00	$0.00	$1.10	**$2.73**	**$3.71**
Standby	$0.47	$0.04							**$0.51**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX033	15' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 15' WIDTH	$6,418	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**	$1.43	$0.20	$0.00	$0.00	$1.20	**$2.83**	**$3.90**
Standby	$0.52	$0.04							**$0.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX034	22.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 22.5' WIDTH	$10,834	Gas 9 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.73	$0.07	**$1.80**	$2.34	$0.32	$0.00	$0.00	$2.03	**$4.70**	**$6.50**
Standby	$0.87	$0.07							**$0.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25XX035	30' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 30' WIDTH	$10,517	Gas 9 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.68	$0.07	**$1.75**	$2.34	$0.32	$0.00	$0.00	$1.97	**$4.64**	**$6.39**
Standby	$0.84	$0.07							**$0.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.20 VIBRATORY SCREED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25XX036	32.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 32.5' WIDTH	$13,068	Gas 9 HP			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.09	$0.09	**$2.18**	$2.34	$0.32	$0.00	$0.00	$2.45	**$5.12**	**$7.30**
Standby	$1.05	$0.09							**$1.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25XX037	35' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 35' WIDTH	$11,513	Gas 9 HP			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.84	$0.08	**$1.92**	$2.34	$0.32	$0.00	$0.00	$2.16	**$4.82**	**$6.74**
Standby	$0.92	$0.08							**$1.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25XX038	42.5' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 42.5' WIDTH	$13,852	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**	$2.86	$0.40	$0.00	$0.00	$2.60	**$5.86**	**$8.17**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
C25XX039	80' POWER SCREED	CONCRETE, VIBRATORY POWER SCREED, 80' WIDTH	$21,603	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**	$2.34	$0.32	$0.00	$0.00	$4.05	**$6.72**	**$10.32**
Standby	$1.73	$0.14							**$1.87**	

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
C25SV004	S-485	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 8' WIDTH	$98,213	Gas	21	HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.54	$0.64	**$9.18**	$5.12	$0.94	$0.11	$0.02	$8.60	**$14.78**	**$23.96**
Standby	$4.27	$0.64							**$4.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25SV005	S-840; S-940	CONCRETE, VIBRATORY SCREED, WALK BEHIND, 8' WIDTH	$155,221	D-Off 24 HP		16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.52	$1.02	**$14.54**	$3.39	$0.55	$0.11	$0.02	$13.61	**$17.68**	**$32.22**
Standby	$6.76	$1.02							**$7.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25SV008	MINI SCREED C	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 80" SCREED WIDTH	$35,134	Gas 6 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.04	$0.23	**$3.27**	$1.46	$0.27	$0.06	$0.01	$3.07	**$4.86**	**$8.13**
Standby	$1.52	$0.23							**$1.75**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C25SV009	S-10A	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM	$154,548	D-Off 35 HP		75

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.46	$1.01	**$14.47**	$4.95	$0.81	$0.11	$0.02	$13.55	**$19.44**	**$33.91**
Standby	$6.73	$1.01							**$7.74**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.25 VIBRATORY LASER SCREED

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25SV010	S-15R	CONCRETE, VIBRATORY LASER SCREED, 10' WIDTH X 20' BOOM	$293,075	D-Off	44 HP		97

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.59	$1.92	**$27.51**	$6.22	$1.02	$0.11	$0.02	$25.73	**$33.10**	**$60.61**
Standby	$12.80	$1.92							**$14.72**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25SV011	S-22E	CONCRETE, VIBRATORY LASER SCREED, 14' WIDTH X 20' BOOM	$513,897	D-Off	65 HP		136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.91	$3.37	**$48.28**	$9.19	$1.50	$0.11	$0.02	$45.15	**$55.97**	**$104.25**
Standby	$22.46	$3.37							**$25.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C25 CONCRETE FINISHERS/SCREEDS/SPREADERS

C25 0.30 MATERIAL/TOPPING SPREADERS

SOMERO ENTERPRISES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25SV006	STS-11M	CONCRETE, MATERIAL/TOPPING SPREADER, 6' WIDTH, 20' BOOM	$163,507	D-Off 35 HP			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.25	$1.07	**$15.32**	$4.95	$0.81	$0.12	$0.02	$14.34	**$20.23**	**$35.55**
Standby	$7.13	$1.07							**$8.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C25SV007	COPPERHEAD XD 3.0	CONCRETE, VIBRATORY LASER SCREED, WALK BEHIND, 10' WIDTH	$78,559	Gas 12	HP		9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.84	$0.52	**$7.36**	$2.92	$0.54	$0.06	$0.01	$6.89	**$10.41**	**$17.77**
Standby	$3.42	$0.52							**$3.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

AIRPLACO EQUIPMENT CO., INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$14,010			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.50	$0.09	**$1.59**	$0.00	$0.00	$0.00	$0.00	$2.11	**$2.11**	**$3.70**
Standby	$0.75	$0.09							**$0.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$12,190			8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.31	$0.08	**$1.39**	$0.00	$0.00	$0.00	$0.00	$1.84	**$1.84**	**$3.23**
Standby	$0.66	$0.08							**$0.74**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

EQUIPMENT NORTH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35EN001	HALMAN ENCRETER	CONCRETE GUNITERS / SHOTCRETERS, SHOTCRETE HYDRAULIC SPRAYER ARM, 24' REACH (ADD TRUCK OR SMALL TRAILER & SHOTCRETE UNIT)	$193,416	Elec 40 HP		91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.72	$1.25	**$21.97**	$3.96	$4.43	$0.00	$0.00	$29.16	**$37.55**	**$59.52**
Standby	$10.36	$1.25							**$11.61**	

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35PU001	R-900 BATCH MIX RIG	CONCRETE GUNITER/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)	$49,798	D-Off 35 HP		47

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.26	$0.32	**$5.58**	$5.75	$1.70	$0.12	$0.02	$7.43	**$15.02**	**$20.60**
Standby	$2.63	$0.32							**$2.95**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$19,755	Elec 5 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.12	$0.13	**$2.25**	$0.50	$0.43	$0.00	$0.00	$2.98	**$3.91**	**$6.16**
Standby	$1.06	$0.13							**$1.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$31,316	Air 9 CFM		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.36	$0.20	**$3.56**	$0.00	$0.30	$0.00	$0.00	$4.72	**$5.02**	**$8.58**
Standby	$1.68	$0.20							**$1.88**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35PU004	AG-15 AUTOMATIC GUN	CONCRETE GUNITER/SHOTCRETER, ROTARY PUMP, WET/DRY, 3 - 15 CY/HR (ADD 300 - 900 CFM COMPRESSOR)	$15,868	Air 9 CFM		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.70	$0.10	**$1.80**	$0.00	$0.40	$0.00	$0.00	$2.39	**$2.79**	**$4.59**
Standby	$0.85	$0.10							**$0.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35PU005	TK10	CONCRETE GUNITER/SHOTCRETER, GROUT/MUD JACK/ SHOTCRETE, 7 CY/HR, 2,085 PSI, 8 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)	$57,034	D-Off 61 HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.08	$0.37	**$6.45**	$10.01	$1.72	$0.06	$0.01	$8.56	**$20.36**	**$26.81**
Standby	$3.04	$0.37							**$3.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35PU006	TK40	CONCRETE PUMP/SHOTCRETER, UP TO 40 CY/HR, 1150 PSI, 9.5 CF HOPPER, TRAILER MTD (ADD 3" HOSE LINE)	$76,594	D-Off 68 HP		56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.16	$0.49	**$8.65**	$11.16	$1.35	$0.09	$0.01	$11.49	**$24.11**	**$32.76**
Standby	$4.08	$0.49							**$4.57**	

REED MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35RQ001	SOVA	CONCRETE GUNITER/SHOTCRETER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 315 CFM AIR COMPRESSOR)	$23,485			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	$3.54	**$4.54**	**$7.21**
Standby	$1.26	$0.15							**$1.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C35 CONCRETE GUNITERS / SHOTCRETERS

C35 0.00 CONCRETE GUNITERS / SHOTCRETERS

REED MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35RQ002	LOVA 16	CONCRETE GUNITER/SHOTCRETER, DRY MIX, UP TO 12 CY/HR, DUST EXTRACTION SYSTEM, 5/8" MAX AGGREGATE (ADD 450 CFM AIR COMPRESSOR)	$15,491			7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.66	$0.10	**$1.76**	$0.00	$2.00	$0.00	$0.00	$2.34	**$4.34**	**$6.10**
Standby	$0.83	$0.10							**$0.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C35RQ004	209E	CONCRETE GUNITER, DRY MIX, UP TO 9 CY/HR, DUST EXTRACTION SYSTEM, 3/8" MAX AGGREGATE (ADD 5KW GENERATOR)	$29,882	Elec 5 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.20	$0.19	**$3.39**	$0.50	$0.24	$0.00	$0.00	$4.51	**$5.25**	**$8.64**
Standby	$1.60	$0.19							**$1.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

CEMEN TECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40CC001	SCD2-50	CONCRETE MIXERS, STATIONARY CONCRETE DISPENSER, 15 CY/HR, 2 - 4.5 CY MATERIAL CAPACITY	$59,541	Elec 10 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.53	$0.39	**$9.92**	$0.92	$0.50	$0.00	$0.00	$11.17	**$12.59**	**$22.51**
Standby	$4.77	$0.39							**$5.16**	

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40MU001	WM70SH8	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 7 CF, TRAILER MTD	$4,085	Gas 8 HP		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**	$2.08	$0.29	$0.05	$0.01	$0.73	**$3.16**	**$3.80**
Standby	$0.31	$0.03							**$0.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40MU002	WM120SHHD	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, TRAILER MTD	$7,377	Gas 13 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.14	$0.05	**$1.19**	$3.38	$0.47	$0.05	$0.01	$1.34	**$5.25**	**$6.44**
Standby	$0.57	$0.05							**$0.62**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU003	MC64SH8	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD	$4,726	Gas 8 HP			7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.71	$0.03	**$0.74**	$2.08	$0.29	$0.05	$0.01	$0.85	**$3.28**	**$4.02**
Standby	$0.36	$0.03							**$0.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU004	MC94SH8	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD	$4,473	Gas 8 HP			8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.67	$0.03	**$0.70**	$2.08	$0.29	$0.05	$0.01	$0.80	**$3.23**	**$3.93**
Standby	$0.34	$0.03							**$0.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU005	MC44SE	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD	$2,903	Elec 0.5 HP			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.42	$0.02	**$0.44**	$0.05	$0.23	$0.05	$0.01	$0.51	**$0.84**	**$1.28**
Standby	$0.21	$0.02							**$0.23**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU006	MC44SH	CONCRETE MIXERS, MIXER, CONCRETE, 4 CF, TRAILER MTD	$3,372	Gas 5.5 HP			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.50	$0.02	**$0.52**	$1.43	$0.20	$0.05	$0.01	$0.59	**$2.28**	**$2.80**
Standby	$0.25	$0.02							**$0.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU007	MC64SE	CONCRETE MIXERS, MIXER, CONCRETE, 6 CF, TRAILER MTD	$3,660	Elec 2	HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.54	$0.02	**$0.56**	$0.18	$0.35	$0.05	$0.01	$0.65	**$1.23**	**$1.79**
Standby	$0.27	$0.02							**$0.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C40MU008	MC94SE	CONCRETE MIXERS, MIXER, CONCRETE, 9 CF, TRAILER MTD	$4,399	Elec 1.5	HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.66	$0.03	**$0.69**	$0.14	$0.38	$0.05	$0.01	$0.79	**$1.36**	**$2.05**
Standby	$0.33	$0.03							**$0.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX001	6E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 6 CF, ELECTRIC, PORTABLE	$3,256	Elec 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**	$0.51	$0.48	$0.00	$0.00	$0.61	**$1.60**	**$2.14**
Standby	$0.26	$0.02							**$0.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX002	9.5G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, GAS, PORTABLE	$3,689	Gas 5.5 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.59	$0.02	**$0.61**	$1.43	$0.20	$0.00	$0.00	$0.69	**$2.32**	**$2.93**
Standby	$0.30	$0.02							**$0.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX003	9.5E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 9.5 CF, ELECTRIC, PORTABLE	$3,634	Elec 1.5 HP		5

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	$0.28	$0.00	$0.00	$0.68	**$1.10**	**$1.70**
Standby	$0.29	$0.02							**$0.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C40 CONCRETE MIXING UNITS

C40 0.00 CONCRETE MIXING UNITS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX005	12E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 12 CF, ELECTRIC, PORTABLE	$5,116	Elec 5 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.82	$0.03	**$0.85**	$0.46	$0.50	$0.00	$0.00	$0.96	**$1.92**	**$2.77**
Standby	$0.41	$0.03							**$0.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX006	16E	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, ELECTRIC, PORTABLE	$10,578	Elec 5 HP		17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.69	$0.07	**$1.76**	$0.46	$0.50	$0.00	$0.00	$1.98	**$2.94**	**$4.70**
Standby	$0.85	$0.07							**$0.92**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C40XX007	16G	CONCRETE MIXERS, MIXER, PLASTER/MORTAR, 16 CF, GAS, PORTABLE	$10,467	Gas 13 HP		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.67	$0.07	**$1.74**	$3.38	$0.47	$0.00	$0.00	$1.96	**$5.81**	**$7.55**
Standby	$0.84	$0.07							**$0.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO011	COMMANDER III (CURB	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36'' WIDE MOLD/FORM	$350,380	D-On 185 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$46.72	$2.24	**$48.96**	$36.30	$4.41	$0.00	$0.00	$72.13	**$112.83**	**$161.79**
Standby	$23.36	$2.24							**$25.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO012	COMMANDER III (4 TRA	CONCRETE PAVING MACHINES, CRAWLER , 4-TRACK, 16' PAVING WIDTH	$532,256	D-Off 169 HP		369

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$70.97	$3.41	**$74.38**	$27.74	$3.37	$0.00	$0.00	$109.57	**$140.67**	**$215.05**
Standby	$35.49	$3.41							**$38.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO013	GT-3200	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36" WIDE MOLD/FORM	$244,671	D-Off 92 HP		130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$32.62	$1.57	**$34.19**	$15.10	$1.83	$0.00	$0.00	$50.37	**$67.30**	**$101.49**
Standby	$16.31	$1.57							**$17.88**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO014	GT-3600	CONCRETE PAVING MACHINES, CURB/GUTTER SLIPFORM PAVER, CRAWLER, 3-TRACK, 36'' WIDE MOLD/FORM	$276,580	D-Off 98 HP		210

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.88	$1.77	**$38.65**	$16.09	$1.95	$0.00	$0.00	$56.93	**$74.98**	**$113.63**
Standby	$18.44	$1.77							**$20.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO016	GP-2600 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	$860,434	D-Off 230 HP		750

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$114.72	$5.50	**$120.22**	$37.76	$4.58	$0.00	$0.00	$177.12	**$219.47**	**$339.69**
Standby	$57.36	$5.50							**$62.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO018	GP3 2-Track	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	$896,396	D-Off 300 HP		700

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$119.52	$5.73	**$125.25**	$49.25	$5.98	$0.00	$0.00	$184.53	**$239.75**	**$365.00**
Standby	$59.76	$5.73							**$65.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO020	GP-4000 2 TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 38' PAVING WIDTH	$1,152,331	D-Off 450 HP		880

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$153.64	$7.37	**$161.01**	$73.87	$8.97	$0.00	$0.00	$237.21	**$320.05**	**$481.06**
Standby	$76.82	$7.37							**$84.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO026	C-450X	CONCRETE PAVING MACHINES, CYLINDER FINISHER, SINGLE DRUM, FINISHING WIDTH 57'	$109,206	Gas 36 HP		64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.56	$0.70	**$15.26**	$10.11	$1.40	$0.00	$0.00	$22.48	**$33.99**	**$49.25**
Standby	$7.28	$0.70							**$7.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO027	C-650-F	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'	$165,854	D-Off 50 HP		91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.11	$1.06	**$23.17**	$8.21	$1.00	$0.00	$0.00	$34.14	**$43.35**	**$66.52**
Standby	$11.06	$1.06							**$12.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO028	C-650-S	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 19'	$169,441	D-Off 50 HP		126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.59	$1.08	**$23.67**	$8.21	$1.00	$0.00	$0.00	$34.88	**$44.09**	**$67.76**
Standby	$11.30	$1.08							**$12.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO029	C-750	CONCRETE PAVING MACHINES, CYLINDER FINISHER, DOUBLE DRUM, FINISHING WIDTH 96'	$177,209	Gas 36 HP		91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.63	$1.13	**$24.76**	$10.11	$1.40	$0.00	$0.00	$36.48	**$47.99**	**$72.75**
Standby	$11.82	$1.13							**$12.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO031	9500	CONCRETE PAVING MACHINES, TRIMMER/PLACER, W/16' TRIMMER HEAD	$612,049	D-Off 385 HP		729

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$81.61	$3.92	**$85.53**	$63.20	$7.67	$0.00	$0.00	$125.99	**$196.86**	**$282.39**
Standby	$40.81	$3.92							**$44.73**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

GOMACO CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45GO032	GP4 2-TRACK	CONCRETE PAVING MACHINES, SLIPFORM PAVER, CRAWLER, 2-TRACK, 24' PAVING WIDTH	$987,086	D-Off 300 HP		750

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$131.61	$6.32	**$137.93**	$49.25	$5.98	$0.00	$0.00	$203.19	**$258.42**	**$396.35**
Standby	$65.81	$6.32							**$72.13**	

M-B-W, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45MW002	C101	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 12" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT	$78,116	D-Off 26.5 HP		26

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.37	$0.50	**$10.87**	$4.35	$0.53	$0.06	$0.01	$16.02	**$20.97**	**$31.84**
Standby	$5.19	$0.50							**$5.69**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C45 CONCRETE PAVING MACHINES

C45 0.00 CONCRETE PAVING MACHINES

M-B-W, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45MW003	CG200	CONCRETE PAVING MACHINES, SLIPFORM PAVER, RUBBER TIRED, 48" MAX PAVING WIDTH, 18" MAX PAVING HEIGHT	$103,389	D-Off 26.5 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.72	$0.66	**$14.38**	$4.35	$0.53	$0.08	$0.01	$21.20	**$26.17**	**$40.55**
Standby	$6.86	$0.66							**$7.52**	

MILLER CURBER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45MJ001	MC 650	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 6.1 CF HOPPER 6" AUGER	$9,919	Gas 13 HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.32	$0.06	**$1.38**	$3.65	$0.51	$0.00	$0.00	$2.04	**$6.20**	**$7.58**
Standby	$0.66	$0.06							**$0.72**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$3,981	Gas 4 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.53	$0.03	**$0.56**	$1.12	$0.16	$0.00	$0.00	$0.82	**$2.09**	**$2.65**
Standby	$0.27	$0.03							**$0.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45MJ003	MC 550	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, SLIPFORM PAVER, 6.1 CF HOPPER, 6" AUGER	$8,464	Gas 13 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.13	$0.05	**$1.18**	$3.65	$0.51	$0.00	$0.00	$1.74	**$5.90**	**$7.08**
Standby	$0.57	$0.05							**$0.62**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C45MJ004	MC 900	CONCRETE/ASPHALT PAVING MACHINES, CURB BUILDER, SLIPFORM PAVER, 9.0 CF HOPPER, 6" AUGER	$15,141	Gas 20 HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.02	$0.10	**$2.12**	$5.62	$0.78	$0.00	$0.00	$3.12	**$9.52**	**$11.64**
Standby	$1.01	$0.10							**$1.11**	

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55MU001	C30HDG	CONCRETE PUMP, 25 CY/HR, SINGLE, TRAILER MTD	$37,409	Gas 45 HP		29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.18	$0.22	**$4.40**	$11.71	$1.62	$0.05	$0.01	$5.45	**$18.84**	**$23.24**
Standby	$2.09	$0.22							**$2.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55MU002	LS-400	CONCRETE PUMP, 45 CY/HR, SINGLE, TRAILER MTD	$65,920	D-Off 79 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.42	$0.38	**$7.80**	$12.25	$1.49	$0.00	$0.00	$9.66	**$23.40**	**$31.20**
Standby	$3.71	$0.38							**$4.09**	

OLIN PUMP

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55OE011	15 95	CONCRETE PUMP, 100 CY/HR, TRAILER MTD TANDEM (OPEN LOOP HYDRAULIC SYSTEM)	$132,480	D-Off 173 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.90	$0.77	**$15.67**	$26.82	$3.26	$0.00	$0.00	$19.42	**$49.49**	**$65.16**
Standby	$7.45	$0.77							**$8.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55OE013	15 30	CONCRETE PUMP, 35 CY/HR,TRAILER MTD	$52,000	D-Off 48 HP		44

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.82	$0.30	**$6.12**	$7.44	$0.90	$0.06	$0.01	$7.59	**$15.99**	**$22.11**
Standby	$2.91	$0.30							**$3.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C55 CONCRETE PUMPS

C55 0.00 CONCRETE PUMPS

REED MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55RQ003	A30	CONCRETE PUMP, 30 CY/HR, 903 PSI, TRAILER MTD	$61,308	D-Off 82 HP		46

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.87	$0.36	**$7.23**	$12.71	$1.54	$0.06	$0.01	$8.95	**$23.27**	**$30.50**
Standby	$3.44	$0.36							**$3.80**	

SCHWING AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC001	SP750-18	CONCRETE PUMP, 70 CY/HR, 1,100 PSI, TRAILER MTD	$100,651	D-Off 100 HP		89

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.27	$0.58	**$11.85**	$15.50	$1.88	$0.09	$0.01	$14.70	**$32.18**	**$44.03**
Standby	$5.64	$0.58							**$6.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC002	SP2000	CONCRETE PUMP, 91 CY/HR, 1,566 PSI, TRAILER MTD	$142,470	D-Off 173 HP		131

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.94	$0.83	**$16.77**	$26.82	$3.26	$0.15	$0.02	$20.78	**$51.03**	**$67.80**
Standby	$7.97	$0.83							**$8.80**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC005	S28X	CONCRETE PUMP, 151 CY/HR, 77' BOOM, TRUCK MTD	$369,387	D-On 425 HP		359

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.06	$2.14	**$43.20**	$78.75	$9.56	$1.16	$0.18	$53.56	**$143.21**	**$186.41**
Standby	$20.53	$2.14							**$22.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC006	S39 SXD	CONCRETE PUMP, 208 CY/HR, 113' BOOM, TRUCK MTD	$783,438	D-On 425 HP		470

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$87.64	$4.55	**$92.19**	$78.75	$9.56	$1.16	$0.18	$114.25	**$203.90**	**$296.09**
Standby	$43.82	$4.55							**$48.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC007	LB40 T5-20	CONCRETE CONVEYOR, 129' BOOM, 8.4 CY/MIN	$638,447	D-On 425 HP		668

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.03	$3.70	**$74.73**	$78.75	$9.56	$1.84	$0.28	$92.65	**$183.08**	**$257.81**
Standby	$35.52	$3.70							**$39.22**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C55SC008	LB33 T4-20	CONCRETE CONVEYOR, 107' BOOM, 8.4 CY/MIN	$542,291	D-On 425 HP		824

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.41	$3.15	**$63.56**	$78.75	$9.56	$1.36	$0.21	$78.79	**$168.66**	**$232.22**
Standby	$30.21	$3.15							**$33.36**	

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$39,906	Elec 17 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.99	$0.24	**$6.23**	$2.02	$0.98	$0.00	$0.00	$7.80	**$10.80**	**$17.03**
Standby	$3.00	$0.24							**$3.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$2,215	Gas 5 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.33	$0.01	**$0.34**	$1.67	$0.23	$0.00	$0.00	$0.43	**$2.33**	**$2.67**
Standby	$0.17	$0.01							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV003	K970 CHAIN	CONCRETE SAW, 16" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)	$2,218	Gas 6.5 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.33	$0.01	**$0.34**	$2.17	$0.30	$0.00	$0.00	$0.43	**$2.90**	**$3.24**
Standby	$0.17	$0.01							**$0.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV004	K970	CONCRETE SAW, 5" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$1,652	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**	$2.17	$0.30	$0.00	$0.00	$0.32	**$2.79**	**$3.05**
Standby	$0.13	$0.01							**$0.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV005	K970 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$4,453	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**	$2.17	$0.30	$0.00	$0.00	$0.87	**$3.34**	**$4.04**
Standby	$0.34	$0.03							**$0.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV006	K1270	CONCRETE SAW, 4.6" DEPTH, HANDHELD, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$2,226	Gas 7.8 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.33	$0.01	**$0.34**	$2.61	$0.36	$0.00	$0.00	$0.44	**$3.41**	**$3.75**
Standby	$0.17	$0.01							**$0.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$2,239	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**	$1.20	$0.17	$0.00	$0.00	$0.44	**$1.80**	**$2.15**
Standby	$0.17	$0.01							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV008	K760	CONCRETE SAW, 4.00" DEPTH, HAND HELD, 12" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$1,220	Gas 5 HP		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**	$1.67	$0.23	$0.00	$0.00	$0.24	**$2.14**	**$2.33**
Standby	$0.09	$0.01							**$0.10**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV009	K3600 MKII	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$4,514	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**	$1.94	$0.27	$0.00	$0.00	$0.88	**$3.09**	**$3.80**
Standby	$0.34	$0.03							**$0.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV010	FS 400	CONCRETE SAW, 6.5" DEPTH, WALK BEHIND, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$2,959	Gas 11 HP			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.44	$0.02	**$0.46**	$3.68	$0.51	$0.00	$0.00	$0.58	**$4.77**	**$5.23**
Standby	$0.22	$0.02							**$0.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV011	FS 7000 D 20	CONCRETE SAW, 8" DEPTH, SELF PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$45,927	D-On 74 HP			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.89	$0.28	**$7.17**	$17.34	$2.85	$0.00	$0.00	$8.98	**$29.16**	**$36.33**
Standby	$3.45	$0.28							**$3.73**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$46,615	D-On 74 HP		21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.99	$0.28	**$7.27**	$17.34	$2.85	$0.00	$0.00	$9.11	**$29.30**	**$36.57**
Standby	$3.50	$0.28							**$3.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV013	FS 7000 D 42	CONCRETE SAW, 17.25" DEPTH, SELF PROPELLED, 42" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$46,838	D-On 74 HP		21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.03	$0.28	**$7.31**	$17.34	$2.85	$0.00	$0.00	$9.15	**$29.34**	**$36.65**
Standby	$3.52	$0.28							**$3.80**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV014	FS 3500 E 26	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 26" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)	$21,128	Elec 30 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.17	$0.13	**$3.30**	$3.56	$1.73	$0.00	$0.00	$4.13	**$9.42**	**$12.72**
Standby	$1.59	$0.13							**$1.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV017	K6500 CHAIN	CONCRETE SAW, 18" MAX DEPTH, HANDHELD, CHAIN SAW, MINIMAL CORNER OVERCUT (ADD COST FOR SAWBLADE WEAR & WATER)	$7,004	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**	$2.48	$0.34	$0.00	$0.00	$1.37	**$4.19**	**$5.28**
Standby	$0.53	$0.04							**$0.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV018	K6500 RING	CONCRETE SAW, 10.6" DEPTH, HANDHELD, 14" DIA RING BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$8,318	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**	$2.48	$0.34	$0.00	$0.00	$1.63	**$4.45**	**$5.75**
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 7/1/2019	Engine Horsepower and Fuel Type 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)	$53,568	Elec 6 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.04	$0.32	**$8.36**	$0.71	$0.35	$0.00	$0.00	$10.47	**$11.52**	**$19.88**
Standby	$4.02	$0.32							**$4.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV020	FS 4600 G 20	CONCRETE SAW, 8.3" DEPTH, SELF-PROPELLED, 20" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$36,458	Gas 48 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.47	$0.22	**$5.69**	$16.06	$2.23	$0.00	$0.00	$7.13	**$25.41**	**$31.10**
Standby	$2.74	$0.22							**$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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV021	FS 4600 G 30	CONCRETE SAW, 12.5" DEPTH, SELF PROPELLED, 30" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$36,458	Gas 48 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.47	$0.22	**$5.69**	$16.06	$2.23	$0.00	$0.00	$7.13	**$25.41**	**$31.10**
Standby	$2.74	$0.22							**$2.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV023	FS 3500 E 30	CONCRETE SAW, 12" DEPTH, SELF PROPELLED, 30" BLADE, 480V (ADD COST FOR SAWBLADE WEAR & WATER)	$21,128	Elec 30 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.17	$0.13	**$3.30**	$3.56	$1.73	$0.00	$0.00	$4.13	**$9.42**	**$12.72**
Standby	$1.59	$0.13							**$1.72**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C60HV024	FS 4600 G 26	CONCRETE SAW, 12.5" DEPTH, SELF-PROPELLED, 26" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$36,458	Gas 48 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.47	$0.22	**$5.69**	$16.06	$2.23	$0.00	$0.00	$7.13	**$25.41**	**$31.10**
Standby	$2.74	$0.22							**$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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV025	FS 309 G 14	CONCRETE SAW, 4.625" DEPTH, MANUAL, 14" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$2,114	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**	$3.01	$0.42	$0.00	$0.00	$0.41	**$3.84**	**$4.17**
Standby	$0.16	$0.01							**$0.17**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV026	FS 513 G 18	CONCRETE SAW, 6.625" DEPTH, SELF-PROPELLED, 18" BLADE (ADD COST FOR SAWBLADE WEAR & WATER)	$5,535	Gas 11 HP			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.83	$0.03	**$0.86**	$3.68	$0.51	$0.00	$0.00	$1.08	**$5.27**	**$6.13**
Standby	$0.42	$0.03							**$0.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
C60HV027	FS 520	CONCRETE SAW, 7.70" MAX CUTTING DEPTH, WALK BEHIND(ADD COST FOR SAWBLADE WEAR & WATER)	$8,325	Gas 21 HP			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.25	$0.05	**$1.30**	$7.03	$0.98	$0.00	$0.00	$1.63	**$9.63**	**$10.93**
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 7/1/2019	Engine Horsepower and Fuel Type 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)	$70,790	Elec 27 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.62	$0.43	**$11.05**	$3.21	$1.56	$0.00	$0.00	$13.83	**$18.61**	**$29.66**
Standby	$5.31	$0.43							**$5.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$67,332	Elec 17.4 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.10	$0.41	**$10.51**	$2.07	$1.01	$0.00	$0.00	$13.16	**$16.24**	**$26.75**
Standby	$5.05	$0.41							**$5.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$73,208	Elec	34	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.98	$0.44	**$11.42**	$4.04	$1.97	$0.00	$0.00	$14.31	**$20.31**	**$31.73**
Standby	$5.49	$0.44							**$5.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$90,858	Elec	26	HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.63	$0.55	**$14.18**	$3.09	$1.50	$0.00	$0.00	$17.76	**$22.35**	**$36.53**
Standby	$6.82	$0.55							**$7.37**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C60 CONCRETE SAWS (Add cost for sawblade wear)

C60 0.00 CONCRETE SAWS (Add cost for sawblade wear)

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$15,570	Elec 10 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.34	$0.09	**$2.43**	$1.19	$0.58	$0.00	$0.00	$3.04	**$4.81**	**$7.24**
Standby	$1.17	$0.09							**$1.26**	

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

ALLEN ENGINEERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65AJ025	AHFV22	CONCRETE VIBRATOR, 2.2" HEAD, 21' SHAFT (INCLUDES 1.5 HP GAS MOTOR)	$1,498	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**	$0.37	$0.05	$0.00	$0.00	$1.10	**$1.52**	**$1.87**
Standby	$0.17	$0.01							**$0.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65MU001	CV1A	CONCRETE VIBRATOR, 1.375" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	$902	Elec 1 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.20	$0.01	**$0.21**	$0.09	$0.04	$0.00	$0.00	$0.66	**$0.80**	**$1.01**
Standby	$0.10	$0.01							**$0.11**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65MU002	CV2A	CONCRETE VIBRATOR, 2.175" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	$1,012	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**	$0.17	$0.08	$0.00	$0.00	$0.75	**$1.00**	**$1.24**
Standby	$0.12	$0.01							**$0.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65MU003	CV3A	CONCRETE VIBRATOR, 2.625" HEAD, 21' SHAFT (ADD 2KW GENERATOR)	$1,101	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**	$0.26	$0.13	$0.00	$0.00	$0.81	**$1.20**	**$1.46**
Standby	$0.13	$0.01							**$0.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C65 CONCRETE VIBRATORS

C65 0.00 CONCRETE VIBRATORS

MULTIQUIP, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65MU004	G55H	CONCRETE VIBRATOR, 2.325" HEAD, 21' SHAFT, W/GAS MOTOR ON CART	$1,725	Gas 5.5 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.39	$0.01	**$0.40**	$1.34	$0.19	$0.00	$0.00	$1.27	**$2.80**	**$3.20**
Standby	$0.20	$0.01							**$0.21**	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C65WC003	IRFU 57 W/ M2500	CONCRETE VIBRATOR, 2.3" HEAD, 16.5' SHAFT, HI-FREQ INTERNAL (ADD 2KV GENERATOR)	$2,912	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**	$0.26	$0.27	$0.00	$0.00	$2.15	**$2.67**	**$3.35**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main			Carrier	CWT
C65WC005	H45 HEAD W/ A5000	CONCRETE VIBRATOR, 1.75" HEAD, 13' SHAFT, W/GAS MOTOR	$1,599	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**	$1.34	$0.19	$0.00	$0.00	$1.18	**$2.70**	**$3.07**
Standby	$0.18	$0.01							**$0.19**	

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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°	$117,923	D-Off	49	HP		79

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.13	$0.67	**$7.80**	$8.04	$1.04	$0.09	$0.01	$7.71	**$16.89**	**$24.69**
Standby	$3.57	$0.67							**$4.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$97,317	D-Off 49 HP		64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.55	**$6.43**	$8.04	$1.04	$0.09	$0.01	$6.36	**$15.54**	**$21.97**
Standby	$2.94	$0.55							**$3.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$162,468	D-Off 74 HP		162

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.76	$0.93	**$10.69**	$12.15	$1.57	$0.41	$0.06	$10.55	**$24.75**	**$35.44**
Standby	$4.88	$0.93							**$5.81**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$262,904	D-Off 100 HP		377

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.69	$1.50	**$17.19**	$16.42	$2.13	$1.02	$0.16	$16.99	**$36.71**	**$53.90**
Standby	$7.85	$1.50							**$9.35**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$125,640	D-Off 49 HP			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.53	$0.72	**$8.25**	$8.04	$1.04	$0.38	$0.06	$8.14	**$17.66**	**$25.91**
Standby	$3.77	$0.72							**$4.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$218,174	D-Off 100 HP			311

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.98	$1.24	**$14.22**	$16.42	$2.13	$1.02	$0.16	$14.05	**$33.78**	**$48.00**
Standby	$6.49	$1.24							**$7.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$374,526	D-Off 160 HP			549

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.36	$2.13	**$24.49**	$26.27	$3.40	$2.40	$0.37	$24.20	**$56.65**	**$81.14**
Standby	$11.18	$2.13							**$13.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

BRODERSON MANUFACTURING CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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°	$350,736	D-Off 163 HP		519

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.36	$2.00	**$22.36**	$26.76	$3.47	$5.96	$0.91	$22.13	**$59.23**	**$81.59**
Standby	$10.18	$2.00							**$12.18**	

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75GV016	RT9130E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 130 TON, 160' BOOM, 4X4, W/HOOK BLOCK & BALL	$1,510,962	D-Off 320 HP		1762

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$88.95	$8.61	**$97.56**	$52.53	$6.80	$17.77	$2.72	$96.47	**$176.30**	**$273.86**
Standby	$44.48	$8.61							**$53.09**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75GV023	RT530E-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 30 TON, 95' BOOM, 4X4	$446,218	D-Off 164 HP		583

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.58	$2.54	**$29.12**	$26.92	$3.49	$3.28	$0.50	$28.77	**$62.96**	**$92.08**
Standby	$13.29	$2.54							**$15.83**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75GV029	GCD15	CRANES, HYDRAULIC, SELF-PROPELLED, YARD, 15 TON, 41' BOOM, 4X4, NON-ROTATING OPERATOR'S CAB	$195,370	D-Off 74 HP		175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.72	$1.11	**$12.83**	$12.15	$1.57	$0.53	$0.08	$12.68	**$27.01**	**$39.84**
Standby	$5.86	$1.11							**$6.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75GV031	RT765E2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 60 TON, 110' BOOM, 4X4, W/HOOK BLOCK & BALL	$702,369	D-Off 260 HP		894

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.88	$4.00	**$43.88**	$42.68	$5.53	$17.62	$2.70	$43.50	**$112.02**	**$155.90**
Standby	$19.94	$4.00							**$23.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75GV032	GRT880	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 135' BOOM, 4X4, W/HOOK BLOCK & BALL	$825,083	D-Off 275 HP		1113

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.98	$4.70	**$52.68**	$45.14	$5.85	$13.50	$2.07	$52.13	**$118.68**	**$171.36**
Standby	$23.99	$4.70							**$28.69**	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB001	RTC 8050 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 50 TON, 110' BOOM, 4X4	$564,958	D-Off 195 HP		747

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$33.28	$3.22	**$36.50**	$32.01	$4.15	$6.54	$1.00	$36.09	**$79.78**	**$116.28**
Standby	$16.64	$3.22							**$19.86**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB002	RTC 8090 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 90 TON, 140' BOOM, 4X4	$883,474	D-Off 270 HP		807

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.79	$5.03	**$54.82**	$44.32	$5.74	$24.52	$3.75	$54.37	**$132.71**	**$187.53**
Standby	$24.90	$5.03							**$29.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB003	RTC 80110 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 100 TON, 140' BOOM, 6X6	$1,134,233	D-Off 345 HP		1300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$66.67	$6.46	**$73.13**	$56.64	$7.34	$13.99	$2.14	$72.33	**$152.43**	**$225.56**
Standby	$33.34	$6.46							**$39.80**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB004	RTC 80150 SERIES II	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 150 TON, 195' BOOM, 6X6	$1,425,970	D-Off 345 HP		1432

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$84.38	$8.12	**$92.50**	$56.64	$7.34	$13.99	$2.14	$91.45	**$171.55**	**$264.05**
Standby	$42.19	$8.12							**$50.31**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB005	TCC 750	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	$914,218	D-Off 215 HP		1455

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.51	$5.21	**$60.72**	$35.29	$4.57	$0.00	$0.00	$59.92	**$99.78**	**$160.50**
Standby	$27.76	$5.21							**$32.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB006	75 RT	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 75 TON, 142' BOOM, 4X4	$767,984	D-Off 270 HP		930

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.33	$4.37	**$49.70**	$44.32	$5.74	$8.29	$1.27	$49.14	**$108.76**	**$158.46**
Standby	$22.67	$4.37							**$27.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75LB007	TCC 1400	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 75 TON, 116' BOOM	$1,415,196	D-Off 320 HP		2333

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$85.92	$8.06	**$93.98**	$52.53	$6.80	$0.00	$0.00	$92.75	**$152.09**	**$246.07**
Standby	$42.96	$8.06							**$51.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75TD001	GTC - 350	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 35 TON, 36' - 90' BOOM, LIFTING	$532,269	D-Off 173 HP		715

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$32.32	$3.03	**$35.35**	$28.40	$3.68	$0.00	$0.00	$34.89	**$66.97**	**$102.32**
Standby	$16.16	$3.03							**$19.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75TD002	GTC - 500	CRANES, HYDRAULIC, TELESCOPIC BOOM, CRAWLER, 50 TON, 36' - 114' BOOM, LIFTING	$751,232	D-Off 260 HP		1039

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.61	$4.28	**$49.89**	$42.68	$5.53	$0.00	$0.00	$49.24	**$97.45**	**$147.34**
Standby	$22.81	$4.28							**$27.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75TD009	GR-350XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 35 TON, 112' BOOM, 4X4	$383,654	D-Off 180 HP		537

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.78	$2.19	**$24.97**	$29.55	$3.83	$3.28	$0.50	$24.67	**$61.83**	**$86.80**
Standby	$11.39	$2.19							**$13.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C75 CRANES, HYDRAULIC, SELF-PROPELLED

C75 0.00 CRANES, HYDRAULIC, SELF-PROPELLED

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75TD010	GR-550XL-2	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 55TON, 175' BOOM, 4X4	$488,522	D-Off 247 HP		882

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.98	$2.78	**$31.76**	$40.55	$5.25	$4.32	$0.66	$31.40	**$82.18**	**$113.94**
Standby	$14.49	$2.78							**$17.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C75TD011	GR800XL-4	CRANES, HYDRAULIC, SELF-PROPELLED, ROUGH TERRAIN, 80 TON, 180' BOOM, 4X4	$665,666	D-Off 247 HP		945

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.46	$3.79	**$42.25**	$40.55	$5.25	$12.44	$1.90	$41.84	**$101.98**	**$144.23**
Standby	$19.23	$3.79							**$23.02**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80XX001	BT3870	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 19 TON, 80' BOOM, 4X2	$181,807	D-Off 240 HP		330

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.74	$1.04	**$11.78**	$33.93	$5.30	$0.76	$0.12	$8.73	**$48.84**	**$60.62**
Severe	$12.53	$1.05	**$13.58**	$44.87	$7.00	$2.11	$0.32	$11.04	**$65.35**	**$78.93**
Standby	$5.37	$1.04							**$6.41**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80XX002	BT5092	CRANES, HYDRAULIC, TRUCK MTD, BOOM TRUCK, 25 TON, 92' BOOM, 6X2	$248,971	D-On 350 HP		600

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.57	$1.42	**$15.99**	$59.13	$9.23	$1.41	$0.22	$11.87	**$81.85**	**$97.84**
Severe	$17.00	$1.43	**$18.43**	$78.21	$12.21	$3.93	$0.60	$15.00	**$109.94**	**$128.37**
Standby	$7.29	$1.42							**$8.71**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80GV029	TMS750E	CRANES, HYDRAULIC, TRUCK MTD, 50 TON, 110' BOOM, 8X4X4	$915,674	D-On 450 HP		926

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.84	$5.17	**$53.01**	$76.03	$8.53	$2.37	$0.36	$45.30	**$132.60**	**$185.61**
Severe	$58.88	$5.24	**$64.12**	$100.55	$11.28	$6.55	$1.00	$59.74	**$179.12**	**$243.24**
Standby	$23.92	$5.17							**$29.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80GV030	TMS760E	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4X4	$915,674	D-On 450 HP		926

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.84	$5.17	**$53.01**	$76.03	$8.53	$2.37	$0.36	$45.30	**$132.60**	**$185.61**
Severe	$58.88	$5.24	**$64.12**	$100.55	$11.28	$6.55	$1.00	$59.74	**$179.12**	**$243.24**
Standby	$23.92	$5.17							**$29.09**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80GV033	GMK3060-2	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 69 TON, 141' BOOM, 6X4X6	$1,014,008	D-On 355 HP		782

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.30	$5.73	**$58.03**	$59.98	$6.73	$7.24	$1.11	$49.63	**$124.68**	**$182.71**
Severe	$64.37	$5.81	**$70.18**	$79.32	$8.90	$20.02	$3.06	$65.44	**$176.74**	**$246.92**
Standby	$26.15	$5.73							**$31.88**	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80LB009	HTC-8640 SL	CRANES, HYDRAULIC, TRUCK MTD, 40 TON, 110' BOOM, 8X4	$637,021	D-On 365 HP		655

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$33.35	$3.60	**$36.95**	$61.67	$6.92	$1.44	$0.22	$31.57	**$101.82**	**$138.77**
Severe	$41.04	$3.65	**$44.69**	$81.56	$9.15	$3.90	$0.60	$41.63	**$136.84**	**$181.53**
Standby	$16.68	$3.60							**$20.28**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80LB011	HTC-8660 SERIIES II	CRANES, HYDRAULIC, TRUCK MTD, 60 TON, 110' BOOM, 8X4	$663,426	D-On 365 HP		655

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.75	$3.75	**$38.50**	$61.67	$6.92	$1.44	$0.22	$32.89	**$103.14**	**$141.64**
Severe	$42.77	$3.80	**$46.57**	$81.56	$9.15	$3.90	$0.60	$43.37	**$138.59**	**$185.16**
Standby	$17.38	$3.75							**$21.13**	

C80 0.03 66 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80GV034	GMK4100L-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 115 TON, 197' BOOM, 8X6X8	$1,545,114	D-On 430 HP		1029

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.87	$8.67	**$80.54**	$72.65	$8.15	$5.75	$0.88	$77.76	**$165.19**	**$245.73**
Severe	$80.85	$8.72	**$89.57**	$96.08	$10.78	$16.04	$2.45	$92.95	**$218.30**	**$307.87**
Standby	$35.94	$8.67							**$44.61**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80GV035	TMS800E	CRANES, HYDRAULIC, TRUCK MTD, 80 TON, 128' BOOM, 8X4X4	$1,043,898	D-On 402 HP		1049

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$48.58	$5.85	**$54.43**	$67.92	$7.62	$2.37	$0.36	$52.56	**$130.84**	**$185.27**
Severe	$54.65	$5.89	**$60.54**	$89.83	$10.08	$6.55	$1.00	$62.83	**$170.29**	**$230.83**
Standby	$24.29	$5.85							**$30.14**	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80LB002	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6	$947,409	D-Off 450 HP		795

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.18	$5.31	**$49.49**	$63.61	$7.14	$1.82	$0.28	$47.79	**$120.64**	**$170.13**
Severe	$49.71	$5.35	**$55.06**	$84.13	$9.44	$4.98	$0.76	$57.12	**$156.43**	**$211.49**
Standby	$22.09	$5.31							**$27.40**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80LB003	HTC 86100	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 100 TON, 140' BOOM, 10X6	$947,409	D-Off 450 HP		795

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.18	$5.31	**$49.49**	$63.61	$7.14	$1.82	$0.28	$47.79	**$120.64**	**$170.13**
Severe	$49.71	$5.35	**$55.06**	$84.13	$9.44	$4.98	$0.76	$57.12	**$156.43**	**$211.49**
Standby	$22.09	$5.31							**$27.40**	

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80TD006	ATF 70G-4	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 75 TON, 145' BOOM, 8X6	$945,486	D-Off 129 HP	D-On 435 HP	1067

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$42.95	$5.30	**$48.25**	$30.09	$3.38	$9.63	$1.47	$46.64	**$91.21**	**$139.46**
Severe	$48.31	$5.34	**$53.65**	$38.34	$4.30	$27.12	$4.15	$55.74	**$129.66**	**$183.31**
Standby	$21.48	$5.30							**$26.78**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C80 CRANES, HYDRAULIC, TRUCK MOUNTED

C80 0.03 66 TON THRU 125 TON

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
C80TD007	ATF 100G-6	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 110 TON, 168' BOOM, 8X6	$1,107,707	D-On 175 HP	D-On 435 HP	945

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.07	$6.21	**$57.28**	$36.59	$4.11	$6.97	$1.07	$55.33	**$104.06**	**$161.34**
Severe	$57.45	$6.25	**$63.70**	$46.94	$5.27	$19.52	$2.99	$66.14	**$140.85**	**$204.55**
Standby	$25.54	$6.21							**$31.75**	

C80 0.04 OVER 125 TON

GROVE CRANES (MANITOWOC)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
C80GV016	GMK6300L-1	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 350 TON, 263' BOOM, 12X8	$2,789,895	D-On 286 HP	D-On 551 HP	1843

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$116.61	$15.56	**$132.17**	$55.44	$6.22	$12.11	$1.85	$141.97	**$217.59**	**$349.76**
Severe	$129.56	$15.65	**$145.21**	$71.49	$8.02	$33.48	$5.12	$166.51	**$284.63**	**$429.84**
Standby	$58.31	$15.56							**$73.87**	

* - 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	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80LB001	HTC 3140 LB	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 140 TON, 195' BOOM, 10X6	$1,510,043	D-Off 581 HP		1099

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$63.42	$8.42	**$71.84**	$82.13	$9.21	$2.80	$0.43	$77.16	**$171.73**	**$243.57**
Severe	$70.47	$8.47	**$78.94**	$108.62	$12.19	$7.76	$1.19	$90.50	**$220.25**	**$299.19**
Standby	$31.71	$8.42							**$40.13**	

TADANO MANTIS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C80TD004	ATF-130G-5	CRANES, HYDRAULIC, TRUCK MTD, ALL TERRAIN, 160 TON, 197' BOOM, 10X6	$1,309,798	D-Off 173 HP	D-On 551 HP	1330

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$54.03	$7.31	**$61.34**	$39.47	$4.43	$10.02	$1.53	$65.91	**$121.36**	**$182.70**
Severe	$60.03	$7.35	**$67.38**	$50.36	$5.65	$27.53	$4.21	$77.31	**$165.06**	**$232.44**
Standby	$27.02	$7.31							**$34.33**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

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

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB019	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 80 TON, 100' BOOM (ADD BUCKET) (3 TRUCK LOADS FOR MOB/DMOB)	$854,978	D-Off 270 HP		1454

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$42.75	$5.01	**$47.76**	$32.01	$4.70	$0.00	$0.00	$52.10	**$88.81**	**$136.57**
Severe	$52.61	$5.07	**$57.68**	$41.86	$6.15	$0.00	$0.00	$71.66	**$119.67**	**$177.35**
Standby	$21.38	$5.01							**$26.39**	

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

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB021	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 150 TON, 100' BOOM (ADD BUCKET)(7 TRUCK LOADS FOR MOB/DMOB)	$1,399,544	D-Off 270 HP		2627

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$62.20	$8.15	**$70.35**	$32.01	$3.04	$0.00	$0.00	$84.72	**$119.77**	**$190.12**
Severe	$74.64	$8.23	**$82.87**	$41.86	$3.97	$0.00	$0.00	$112.37	**$158.20**	**$241.07**
Standby	$31.10	$8.15							**$39.25**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,738,797	D-Off 340 HP		4590

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$69.55	$10.07	**$79.62**	$40.31	$4.19	$0.00	$0.00	$104.71	**$149.21**	**$228.83**
Severe	$86.94	$10.18	**$97.12**	$52.71	$5.48	$0.00	$0.00	$143.35	**$201.54**	**$298.66**
Standby	$34.78	$10.07							**$44.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85MA003	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, DRAGLINE/CLAMSHELL, 7.0 CY, 140' BOOM (ADD BUCKET)	$1,864,204	D-Off 375 HP		5100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$74.57	$10.80	**$85.37**	$44.46	$4.63	$0.00	$0.00	$112.26	**$161.34**	**$246.71**
Severe	$93.21	$10.92	**$104.13**	$58.14	$6.05	$0.00	$0.00	$153.68	**$217.87**	**$322.00**
Standby	$37.29	$10.80							**$48.09**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85KC005	CK850G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 85 TON, 150' BOOM, LIFTING	$671,046	D-Off 285 HP		1656

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.52	$3.74	**$32.26**	$24.69	$2.34	$0.00	$0.00	$32.71	**$59.74**	**$92.00**
Severe	$35.65	$3.79	**$39.44**	$32.49	$3.08	$0.00	$0.00	$43.29	**$78.87**	**$118.31**
Standby	$14.26	$3.74							**$18.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85KC009	CK1100G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 110 TON, 200' BOOM, LIFTING	$838,363	D-Off 285 HP		1985

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$35.63	$4.68	**$40.31**	$24.69	$2.34	$0.00	$0.00	$40.87	**$67.90**	**$108.21**
Severe	$44.54	$4.73	**$49.27**	$32.49	$3.08	$0.00	$0.00	$54.09	**$89.66**	**$138.93**
Standby	$17.82	$4.68							**$22.50**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB001	138 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 80 TON, 40' TUBULAR BOOM, LIFTING (3 TRUCK LOADS FOR MOB/DMOB)	$854,978	D-Off 270 HP		1454

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.34	$4.77	**$41.11**	$23.39	$2.22	$0.00	$0.00	$41.68	**$67.29**	**$108.40**
Severe	$45.42	$4.83	**$50.25**	$30.78	$2.92	$0.00	$0.00	$55.16	**$88.86**	**$139.11**
Standby	$18.17	$4.77							**$22.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB014	228 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 130 TON, 80' BOOM, LIFTING	$1,118,279	D-Off 270 HP		2351

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.53	$6.24	**$53.77**	$23.39	$2.22	$0.00	$0.00	$54.51	**$80.12**	**$133.89**
Severe	$59.41	$6.31	**$65.72**	$30.78	$2.92	$0.00	$0.00	$72.15	**$105.85**	**$171.57**
Standby	$23.77	$6.24							**$30.01**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C85 CRANES, MECHANICAL, LATTICE BOOM, CRAWLER MOUNTED

C85 0.23 LIFTING, 51 TON THRU 150 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB015	238 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 150 TON, 240' BOOM, LIFTING (7 TRUCK LOADS FOR MOB/DMOB)	$1,399,544	D-Off 270 HP		2627

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$59.48	$7.81	**$67.29**	$23.39	$2.22	$0.00	$0.00	$68.22	**$93.83**	**$161.12**
Severe	$74.35	$7.90	**$82.25**	$30.78	$2.92	$0.00	$0.00	$90.30	**$124.00**	**$206.25**
Standby	$29.74	$7.81							**$37.55**	

C85 0.24 LIFTING, OVER 150 TON

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85KC010	CK1600G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 160 TON, 250' BOOM, LIFTING	$1,368,282	D-Off 363 HP		3042

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.87	$7.60	**$60.47**	$31.45	$3.27	$0.00	$0.00	$67.77	**$102.49**	**$162.96**
Severe	$64.61	$7.67	**$72.28**	$41.38	$4.31	$0.00	$0.00	$87.19	**$132.87**	**$205.15**
Standby	$26.44	$7.60							**$34.04**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85KC011	CK2750G	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 275 TON, 300' BOOM, LIFTING	$1,841,541	D-Off 363 HP		4877

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.15	$10.22	**$81.37**	$31.45	$3.27	$0.00	$0.00	$91.21	**$125.93**	**$207.30**
Severe	$86.96	$10.33	**$97.29**	$41.38	$4.31	$0.00	$0.00	$117.35	**$163.03**	**$260.32**
Standby	$35.58	$10.22							**$45.80**	

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB002	348 HYLAB 5	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 300 TON, 155' BOOM	$2,463,220	D-Off 365 HP		5057

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$95.17	$13.68	**$108.85**	$31.62	$3.29	$0.00	$0.00	$122.00	**$156.91**	**$265.76**
Severe	$116.32	$13.81	**$130.13**	$41.61	$4.33	$0.00	$0.00	$156.96	**$202.90**	**$333.03**
Standby	$47.59	$13.68							**$61.27**	

* - 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	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85LB016	248 HSL	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 280' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)	$1,868,754	D-Off 270 HP		3497

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.20	$10.38	**$82.58**	$23.39	$2.43	$0.00	$0.00	$92.56	**$118.38**	**$200.96**
Severe	$88.25	$10.48	**$98.73**	$30.78	$3.20	$0.00	$0.00	$119.08	**$153.06**	**$251.79**
Standby	$36.10	$10.38							**$46.48**	

MANITOWOC ENGINEERING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85MA007	999	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 250 TON, 260' BOOM, LIFTING	$1,951,601	D-Off 400 HP		4942

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$75.40	$10.84	**$86.24**	$34.66	$3.61	$0.00	$0.00	$96.66	**$134.93**	**$221.17**
Severe	$92.16	$10.95	**$103.11**	$45.60	$4.74	$0.00	$0.00	$124.36	**$174.70**	**$277.81**
Standby	$37.70	$10.84							**$48.54**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85MA013	MLC165-1	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 182 TON, 275' BOOM, LIFTING (9 TRUCK LOADS FOR MOB/DMOB)	$1,080,720	D-Off 310 HP		3892

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.76	$6.00	**$47.76**	$26.86	$2.79	$0.00	$0.00	$53.53	**$83.18**	**$130.94**
Severe	$51.03	$6.06	**$57.09**	$35.34	$3.68	$0.00	$0.00	$68.87	**$107.88**	**$164.97**
Standby	$20.88	$6.00							**$26.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
C85MA014	14000	CRANES, MECHANICAL, LATTICE BOOM, CRAWLER, 200 TON, 213' BOOM, LIFTING (12 TRUCK LOADS TO MOB/DMOB)	$1,738,797	D-Off 340 HP		4590

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$67.18	$9.65	**$76.83**	$29.46	$3.07	$0.00	$0.00	$86.12	**$118.65**	**$195.48**
Severe	$82.11	$9.75	**$91.86**	$38.76	$4.03	$0.00	$0.00	$110.80	**$153.59**	**$245.45**
Standby	$33.59	$9.65							**$43.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

C90 CRANES, MECHANICAL, LATTICE BOOM, TRUCK MOUNTED

C90 0.03 66 TON THRU 125 TON

MANITEX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
C90MX001	6430	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 30 TON, 50' BOOM, DRAGLINE/CLAMSHELL CAPABLE, 6X4	$835,474	D-Off 260 HP	D-On 260 HP	610

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.71	$4.86	**$41.57**	$35.54	$3.99	$1.40	$0.21	$42.21	**$83.35**	**$124.92**
Severe	$41.30	$4.89	**$46.19**	$45.25	$5.08	$3.91	$0.60	$50.45	**$105.28**	**$151.47**
Standby	$18.36	$4.86							**$23.22**	

C90 0.04 OVER 125 TON

LINK-BELT CONSTRUCTION EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
C90LB001	HC-238H II	CRANES, MECHANICAL, LATTICE BOOM, TRUCK MTD, 150 TON, 260' BOOM, 8X4	$1,835,787	D-Off 200 HP	D-On 445 HP	1913

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.49	$10.63	**$83.12**	$34.02	$3.82	$5.79	$0.89	$93.78	**$138.30**	**$221.42**
Severe	$80.55	$10.69	**$91.24**	$42.82	$4.80	$16.01	$2.45	$109.99	**$176.08**	**$267.32**
Standby	$36.25	$10.63							**$46.88**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$792,902	Elec 60 HP		1968

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$35.24	$4.62	**$39.86**	$5.15	$7.78	$0.00	$0.00	$42.95	**$55.88**	**$95.74**
Standby	$17.62	$4.62							**$22.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$989,438	Elec 147 HP		2234

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$43.98	$5.76	**$49.74**	$12.61	$11.82	$0.00	$0.00	$53.59	**$78.02**	**$127.76**
Standby	$21.99	$5.76							**$27.75**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,626,440	Elec 147 HP		4117

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.29	$9.47	**$81.76**	$12.61	$11.82	$0.00	$0.00	$88.09	**$112.52**	**$194.28**
Standby	$36.15	$9.47							**$45.62**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,847,917	Elec 147 HP		4456

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$82.13	$10.76	**$92.89**	$12.61	$11.82	$0.00	$0.00	$100.09	**$124.52**	**$217.41**
Standby	$41.07	$10.76							**$51.83**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,999,484	Elec 147 HP		3350

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$88.87	$11.64	**$100.51**	$12.61	$13.82	$0.00	$0.00	$108.30	**$134.73**	**$235.24**
Standby	$44.44	$11.64							**$56.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$2,292,101	Elec 215 HP		3984

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$101.87	$13.34	**$115.21**	$18.45	$17.97	$0.00	$0.00	$124.15	**$160.57**	**$275.78**
Standby	$50.94	$13.34							**$64.28**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$95,167			56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.49	$0.58	**$6.07**	$0.00	$0.00	$0.00	$0.00	$8.19	**$8.19**	**$14.26**
Standby	$2.75	$0.58							**$3.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$151,201			106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.72	$0.93	**$9.65**	$0.00	$0.00	$0.00	$0.00	$13.01	**$13.01**	**$22.66**
Standby	$4.36	$0.93							**$5.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$96,755			55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.58	$0.59	**$6.17**	$0.00	$0.00	$0.00	$0.00	$8.33	**$8.33**	**$14.50**
Standby	$2.79	$0.59							**$3.38**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D10WG004	AIRROC T35	DRILL, AIR TRACK, CRAWLER MTD, 2.5"-4" DIA, 49.2' MAX DEPTH (ADD COST FOR DRILL STEEL AND BIT WEAR, ADD 750 CFM COMPRESSOR)	$149,610			106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.63	$0.92	**$9.55**	$0.00	$0.00	$0.00	$0.00	$12.88	**$12.88**	**$22.43**
Standby	$4.32	$0.92							**$5.24**	

SCHRAMM, INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D10S2001	T450GT	DRILL, AIR TRACK, CRAWLER, GEOTHERMAL/WATER WELL RIG, 30,000 LBF PULLBACK, 3.5"-4.5" DIA, INCLUDES 1,050 CFM AIR COMPRESSOR (ADD COST FOR DRILL STEEL AND BIT WEAR)	$1,147,519	D-Off 580 HP		591

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$66.20	$7.04	**$73.24**	$100.50	$12.20	$0.00	$0.00	$98.76	**$211.46**	**$284.70**
Standby	$33.10	$7.04							**$40.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

SCHRAMM, INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,663,169	D-Off 905 HP		963

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$95.95	$10.21	**$106.16**	$156.82	$19.03	$0.00	$0.00	$143.14	**$318.99**	**$425.15**
Standby	$47.98	$10.21							**$58.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,669,504	D-Off 760 HP		746

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$95.64	$10.25	**$105.89**	$131.69	$15.98	$1.79	$0.27	$142.93	**$292.67**	**$398.56**
Standby	$47.82	$10.25							**$58.07**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
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)	$42,386	Gas 12 HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.18	$0.26	**$3.44**	$3.57	$0.50	$0.00	$0.00	$4.27	**$8.33**	**$11.77**
Standby	$1.59	$0.26							**$1.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
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)	$100,228	D-Off 30 HP		37

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.52	$0.63	**$8.15**	$5.20	$0.63	$0.00	$0.00	$10.09	**$15.92**	**$24.07**
Standby	$3.76	$0.63							**$4.39**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$134,630	D-Off 45 HP		61

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.10	$0.84	**$10.94**	$7.80	$0.95	$0.00	$0.00	$13.56	**$22.30**	**$33.24**
Standby	$5.05	$0.84							**$5.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D15BI005	36 WORKHORSE	DRILL, HORIZONTAL BORING, 12"-36" DIA, COMBINED HEAD 300,000 LBS THRUST, W/100' AUGER/TRACK (ADD COST FOR DRILL STEEL AND BIT WEAR)	$172,029	D-Off 62 HP		106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.90	$1.08	**$13.98**	$10.74	$1.30	$0.00	$0.00	$17.32	**$29.37**	**$43.35**
Standby	$6.45	$1.08							**$7.53**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$264,811	D-Off 116 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.86	$1.66	**$21.52**	$20.10	$2.44	$0.00	$0.00	$26.67	**$49.20**	**$70.72**
Standby	$9.93	$1.66							**$11.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$329,854	D-Off 174 HP		265

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.74	$2.06	**$26.80**	$30.15	$3.66	$0.00	$0.00	$33.21	**$67.02**	**$93.82**
Standby	$12.37	$2.06							**$14.43**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$297,966	D-Off 174 HP		296

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.35	$1.86	**$24.21**	$30.15	$3.66	$0.00	$0.00	$30.00	**$63.81**	**$88.02**
Standby	$11.18	$1.86							**$13.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$232,609	D-Off 97 HP		177

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.45	$1.45	**$18.90**	$16.81	$2.04	$0.00	$0.00	$23.42	**$42.27**	**$61.17**
Standby	$8.73	$1.45							**$10.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

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

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D15XX003	RST-1400	DRILL, HORIZONTAL DIRECTIONAL, 1,400 GAL, TRAILER MOUNTED DRILLING FLUID MIXING SYSTEM, INCLUDES 3PH GEN SET	$104,458	D-Off 30 HP		117

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.54	$0.65	**$8.19**	$5.20	$0.63	$0.51	$0.08	$10.22	**$16.64**	**$24.83**
Standby	$3.77	$0.65							**$4.42**	

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$108,014	D-Off 48 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.10	$0.68	**$8.78**	$8.32	$1.01	$0.00	$0.00	$10.88	**$20.21**	**$28.99**
Standby	$4.05	$0.68							**$4.73**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

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

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$134,281	D-Off 60 HP		72

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.07	$0.84	**$10.91**	$10.40	$1.26	$0.00	$0.00	$13.52	**$25.18**	**$36.09**
Standby	$5.04	$0.84							**$5.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$187,690	D-Off 74 HP		109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.08	$1.17	**$15.25**	$12.82	$1.56	$0.00	$0.00	$18.90	**$33.28**	**$48.53**
Standby	$7.04	$1.17							**$8.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$319,637	D-Off 125 HP		207

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.97	$2.00	**$25.97**	$21.66	$2.63	$0.00	$0.00	$32.19	**$56.47**	**$82.44**
Standby	$11.99	$2.00							**$13.99**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

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

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$469,399	D-Off 140 HP		289

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$35.20	$2.93	**$38.13**	$24.26	$2.94	$0.00	$0.00	$47.27	**$74.47**	**$112.60**
Standby	$17.60	$2.93							**$20.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$981,439	D-Off 225 HP		435

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$73.61	$6.13	**$79.74**	$38.99	$4.73	$0.00	$0.00	$98.83	**$142.55**	**$222.29**
Standby	$36.81	$6.13							**$42.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D15VE009	MX125	DRILL, HORIZONTAL DIRECTIONAL, 500 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)	$10,190	Gas 5.5 HP		3.4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.76	$0.06	**$0.82**	$1.64	$0.23	$0.00	$0.00	$1.03	**$2.89**	**$3.71**
Standby	$0.38	$0.06							**$0.44**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

D15 DRILLS, HORIZONTAL (MICRO-TUNNELING)

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

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D15VE010	MX300	DRILL, HORIZONTAL DIRECTIONAL, 750 GAL, DRILLING FLUID MIXING SYSTEM (ADD TRAILER COST)	$19,003	Gas 23 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.43	$0.12	**$1.55**	$6.84	$0.95	$0.00	$0.00	$1.91	**$9.70**	**$11.25**
Standby	$0.72	$0.12							**$0.84**	

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

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

ACKER DRILL COMPANY INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D20AD007	1200-G	DRILL, CORE, COLUMN MOUNTED, 12" DIA MAX CORE HOLE (ADD COST FOR DRILL STEEL AND BIT WEAR)	$22,210	Gas 8 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.08	$0.14	**$2.22**	$2.38	$0.97	$0.00	$0.00	$2.64	**$5.99**	**$8.21**
Standby	$1.04	$0.14							**$1.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

DYNATECH

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	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)	$3,791	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**	$0.75	$0.36	$0.00	$0.00	$0.45	**$1.57**	**$1.95**
Standby	$0.18	$0.02							**$0.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	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)	$4,142	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**	$0.75	$0.36	$0.00	$0.00	$0.49	**$1.61**	**$2.03**
Standby	$0.20	$0.03							**$0.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	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)	$5,242	Elec 7.1 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.03	**$0.52**	$0.75	$0.36	$0.00	$0.00	$0.62	**$1.74**	**$2.26**
Standby	$0.25	$0.03							**$0.28**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$4,038	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	$0.03	**$0.41**	$0.35	$0.17	$0.00	$0.00	$0.48	**$1.00**	**$1.41**
Standby	$0.19	$0.03							**$0.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$4,656	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**	$0.35	$0.17	$0.00	$0.00	$0.55	**$1.07**	**$1.54**
Standby	$0.22	$0.03							**$0.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$11,287	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**	$0.84	$0.41	$0.00	$0.00	$1.34	**$2.59**	**$3.72**
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 7/1/2019	Engine Horsepower and Fuel Type 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)	$20,938	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**	$4.16	$0.29	$0.00	$0.00	$2.49	**$6.94**	**$9.03**
Standby	$0.98	$0.13							**$1.11**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$9,844	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**	$0.53	$0.26	$0.00	$0.00	$1.17	**$1.96**	**$2.94**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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	$15,961	Elec	7	HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.50	$0.10	**$1.60**	$0.74	$0.36	$0.00	$0.00	$1.90	**$3.00**	**$4.60**
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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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)	$185,713	D-Off	69	HP		45

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.93	$1.16	**$15.09**	$11.96	$1.24	$0.00	$0.00	$20.78	**$33.98**	**$49.07**
Standby	$6.97	$1.16							**$8.13**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$117,094	D-Off 28 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.78	$0.73	**$9.51**	$4.85	$0.50	$0.00	$0.00	$13.10	**$18.46**	**$27.97**
Standby	$4.39	$0.73							**$5.12**	

E-Z DRILL, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$8,516			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	$0.95	**$1.45**	**$2.14**
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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$9,558			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	$1.07	**$1.57**	**$2.35**
Standby	$0.36	$0.06							**$0.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$35,611			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.67	$0.22	**$2.89**	$0.00	$1.25	$0.00	$0.00	$3.98	**$5.23**	**$8.12**
Standby	$1.34	$0.22							**$1.56**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

DELMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D30DM025	RHV40	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 295,000 LB-FT TORQUE, 100' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER	$2,478,164	D-Off 543 HP		2880

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$185.86	$15.49	**$201.35**	$94.09	$11.42	$0.00	$0.00	$277.27	**$382.78**	**$584.13**
Standby	$92.93	$15.49							**$108.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D30DM026	RH24/270	DRILLING AUGER, HARD GROUND, CRAWLER MTD, 200,000 LB-FT TORQUE, 80' MAST, 26' MAX CASING LENGTH, REMOVABLE AUGER	$1,878,921	D-Off 370 HP		1330

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$140.92	$11.74	**$152.66**	$64.11	$7.78	$0.00	$0.00	$210.22	**$282.11**	**$434.77**
Standby	$70.46	$11.74							**$82.20**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$296,955	D-Off 210 HP		146

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.27	$1.86	**$24.13**	$36.39	$6.42	$0.00	$0.00	$33.22	**$76.03**	**$100.16**
Standby	$11.14	$1.86							**$13.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$342,109	D-Off 270 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.66	$2.14	**$27.80**	$46.79	$8.68	$0.00	$0.00	$38.28	**$93.75**	**$121.55**
Standby	$12.83	$2.14							**$14.97**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$395,189	D-Off 335 HP		269

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.64	$2.47	**$32.11**	$58.05	$11.05	$0.00	$0.00	$44.22	**$113.31**	**$145.42**
Standby	$14.82	$2.47							**$17.29**	

MOBILE DRILL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$17,261	Gas 8 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.29	$0.11	**$1.40**	$2.38	$0.33	$0.00	$0.00	$1.93	**$4.64**	**$6.04**
Standby	$0.65	$0.11							**$0.76**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

MOBILE DRILL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$158,947	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	$11.72	$0.99	**$12.71**	$18.60	$2.41	$0.53	$0.08	$17.56	**$39.17**	**$51.88**
Standby	$5.86	$0.99							**$6.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$341,430	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	$25.41	$2.13	**$27.54**	$25.88	$3.29	$0.53	$0.08	$37.98	**$67.75**	**$95.29**
Standby	$12.71	$2.13							**$14.84**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

MOBILE DRILL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$410,309	D-Off 115 HP	D-Off 260 HP	130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.42	$2.56	**$32.98**	$25.86	$3.14	$0.92	$0.14	$45.52	**$75.57**	**$108.55**
Standby	$15.21	$2.56							**$17.77**	

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

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

REICHDRILL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D35RL007	T-650-DII	DRILL, ROTARY BLASTHOLE, 5"-6 3/4" DIA, 35,000 LBS PULL BACK, TRUCK MTD, 200' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)	$858,569	D-Off 540 HP	D-On 505 HP	600

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.41	$5.09	**$57.50**	$107.33	$17.63	$1.46	$0.22	$73.42	**$200.06**	**$257.56**
Standby	$26.21	$5.09							**$31.30**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D35DT001	D25KS	DRILL, ROTARY BLASTHOLE, 5"-6.75" DIA., 27,000 LB PULLDOWN, CRAWLER, 88' DEEP(ADD COST FOR DRILL STEEL AND BIT WEAR)	$989,311	D-Off 450 HP		620

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.88	$5.87	**$66.75**	$77.98	$12.81	$0.00	$0.00	$85.14	**$175.93**	**$242.68**
Standby	$30.44	$5.87							**$36.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D35DT002	D245KS	DRILL, ROTARY BLASTHOLE, 5"-8" DIA., 40,000 LB PULLDOWN, CRAWLER, 148' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)	$985,053	D-Off 450 HP		720

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.62	$5.84	**$66.46**	$77.98	$12.81	$0.00	$0.00	$84.78	**$175.56**	**$242.02**
Standby	$30.31	$5.84							**$36.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
D35DT003	D45KS	DRILL, ROTARY BLASTHOLE, 6"-9" DIA., 45,000 LB PULLDOWN, CRAWLER, 208' DEEP (ADD COST FOR DRILL STEEL AND BIT WEAR)	$1,770,825	D-Off 450 HP		1050

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$108.97	$10.50	**$119.47**	$77.98	$12.81	$0.00	$0.00	$152.41	**$243.19**	**$362.66**
Standby	$54.49	$10.50							**$64.99**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,770,825	D-Off 525 HP		1050

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$108.97	$10.50	**$119.47**	$90.97	$14.94	$0.00	$0.00	$152.41	**$258.31**	**$377.78**
Standby	$54.49	$10.50							**$64.99**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,772,234	D-Off 760 HP		1320

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$109.06	$10.51	**$119.57**	$131.69	$21.63	$0.00	$0.00	$152.53	**$305.84**	**$425.41**
Standby	$54.53	$10.51							**$65.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$856,046	D-On 425 HP		447

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.16	$5.03	**$50.19**	$88.02	$12.21	$1.96	$0.30	$63.30	**$165.79**	**$215.98**
Standby	$22.58	$5.03							**$27.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$872,746	D-On 600 HP		549

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$46.05	$5.13	**$51.18**	$124.26	$17.24	$1.96	$0.30	$64.55	**$208.31**	**$259.49**
Standby	$23.03	$5.13							**$28.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$943,099	D-On 600 HP		549

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.81	$5.54	**$55.35**	$124.26	$17.24	$1.96	$0.30	$69.79	**$213.55**	**$268.90**
Standby	$24.91	$5.54							**$30.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$893,414	D-On 380 HP		660

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.16	$5.25	**$52.41**	$78.70	$10.92	$1.96	$0.30	$66.09	**$157.97**	**$210.38**
Standby	$23.58	$5.25							**$28.83**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$968,347	D-On 380 HP		668

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.15	$5.69	**$56.84**	$78.70	$10.92	$1.96	$0.30	$71.68	**$163.56**	**$220.40**
Standby	$25.58	$5.69							**$31.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$972,928	D-On 755 HP		605

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.40	$5.72	**$57.12**	$156.36	$21.69	$1.96	$0.30	$72.02	**$252.33**	**$309.45**
Standby	$25.70	$5.72							**$31.42**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

SANDVIK [DRILLTECH]

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,573,216	D-Off 760 HP		1400

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$83.90	$9.25	**$93.15**	$131.69	$18.27	$0.00	$0.00	$117.35	**$267.30**	**$360.45**
Standby	$41.95	$9.25							**$51.20**	

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
F10CS035	588H	FORK LIFT, ROUGH TERRAIN, 4,000 LB CAPCITY, 22' HIGH STRAIGHT MAST, 4X4	$134,494	D-Off 68 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.35	$0.81	**$11.16**	$9.61	$1.00	$1.03	$0.16	$11.47	**$23.26**	**$34.42**
Standby	$5.18	$0.81							**$5.99**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
F10CS037	586H	FORK LIFT, ROUGH TERRAIN, 3,000 LB CAPACITY, 22' HIGH STRAIGHT MAST, 4X4	$113,859	D-Off 68 HP		146

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.70	$0.69	**$9.39**	$9.61	$1.00	$1.03	$0.16	$9.65	**$21.45**	**$30.84**
Standby	$4.35	$0.69							**$5.04**	

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
F10JC001	930	FORK LIFT, ROUGH TERRAIN, 6,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4	$88,396	D-Off 74 HP		148

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.70	$0.53	**$7.23**	$10.46	$1.09	$1.28	$0.20	$7.45	**$20.47**	**$27.70**
Standby	$3.35	$0.53							**$3.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
F10JC002	940	FORK LIFT, ROUGH TERRAIN, 8,000 LBS @ 22' HIGH STRAIGHT MAST, 4X4	$97,422	D-Off 74 HP		168

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.42	$0.59	**$8.01**	$10.46	$1.09	$1.28	$0.20	$8.24	**$21.26**	**$29.27**
Standby	$3.71	$0.59							**$4.30**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

F10 FORK LIFTS

F10 0.00 FORK LIFTS

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
F10JC014	950	FRONT LIFT, ROUGH TERRAIN, 10K LBS RATED @ 22' HIGH, STRAIGHT MAST, 4X4	$105,915	D-Off 74 HP		173

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.10	$0.64	**$8.74**	$10.46	$1.09	$1.28	$0.20	$8.99	**$22.01**	**$30.75**
Standby	$4.05	$0.64							**$4.69**	

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX017	80 KW TRLR MTD	GENERATOR SET, TRAILER MTD, 80 KW, 1P - 240V, 3P - 480/208V	$55,203	D-Off 115 HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.18	$0.32	**$6.50**	$16.26	$1.69	$0.06	$0.01	$4.87	**$22.89**	**$29.39**
Severe	$7.06	$0.33	**$7.39**	$21.50	$2.24	$0.17	$0.03	$6.50	**$30.42**	**$37.81**
Standby	$3.09	$0.32							**$3.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$85,960	D-Off 165 HP		82

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.61	$0.50	**$10.11**	$23.32	$2.43	$0.11	$0.02	$7.58	**$33.45**	**$43.56**
Severe	$10.98	$0.51	**$11.49**	$30.85	$3.21	$0.33	$0.05	$10.10	**$44.54**	**$56.03**
Standby	$4.81	$0.50							**$5.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX042	2KW PORTABLE	GENERATOR SET, PORTABLE, 2KW, 1P, 120V	$850	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**	$0.66	$0.07	$0.00	$0.00	$0.08	**$0.80**	**$0.90**
Severe	$0.11	$0.01	**$0.12**	$0.86	$0.09	$0.00	$0.00	$0.10	**$1.05**	**$1.17**
Standby	$0.05	$0.00							**$0.05**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
G10XX043	3KW PORTABLE	GENERATOR SET, PORTABLE, 3KW, 1P, 120V	$948	Gas	4	HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.11	$0.01	**$0.12**	$0.97	$0.10	$0.00	$0.00	$0.08	**$1.15**	**$1.27**
Severe	$0.12	$0.01	**$0.13**	$1.27	$0.13	$0.00	$0.00	$0.11	**$1.51**	**$1.64**
Standby	$0.06	$0.01							**$0.07**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
G10XX044	6.5KW PORTABLE	GENERATOR SET, PORTABLE, 6.5KW, 120/240V	$936	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**	$2.12	$0.22	$0.00	$0.00	$0.08	**$2.42**	**$2.54**
Severe	$0.12	$0.01	**$0.13**	$2.77	$0.29	$0.00	$0.00	$0.11	**$3.17**	**$3.30**
Standby	$0.06	$0.01							**$0.07**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
G10XX045	8KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 8 KW, 1P, 240V	$11,083	D-Off 10.7 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.22	$0.06	**$1.28**	$1.51	$0.16	$0.05	$0.01	$0.96	**$2.68**	**$3.96**
Severe	$1.40	$0.07	**$1.47**	$2.00	$0.21	$0.14	$0.02	$1.29	**$3.65**	**$5.12**
Standby	$0.61	$0.06							**$0.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
G10XX046	13KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 13 KW, 1P, 240V	$15,491	D-Off 22.3 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.71	$0.09	**$1.80**	$3.15	$0.33	$0.05	$0.01	$1.35	**$4.89**	**$6.69**
Severe	$1.96	$0.09	**$2.05**	$4.17	$0.43	$0.15	$0.02	$1.80	**$6.58**	**$8.63**
Standby	$0.86	$0.09							**$0.95**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX047	30KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 30 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	$35,675	D-Off 44 HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.98	$0.21	**$4.19**	$6.22	$0.65	$0.06	$0.01	$3.14	**$10.07**	**$14.26**
Severe	$4.55	$0.21	**$4.76**	$8.23	$0.86	$0.17	$0.03	$4.19	**$13.46**	**$18.22**
Standby	$1.99	$0.21							**$2.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX048	35KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 35 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	$36,808	D-Off 57 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.11	$0.21	**$4.32**	$8.06	$0.84	$0.06	$0.01	$3.24	**$12.20**	**$16.52**
Severe	$4.70	$0.22	**$4.92**	$10.66	$1.11	$0.17	$0.03	$4.32	**$16.28**	**$21.20**
Standby	$2.06	$0.21							**$2.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX049	50KW TRAILER MTD	GENERATOR SET, TRAILER MOUNTED, 50 KW, 1P 120/240V, 3P 120/208V, 3P 277/480V	$38,768	D-Off 67 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.33	$0.22	**$4.55**	$9.47	$0.99	$0.06	$0.01	$3.41	**$13.93**	**$18.48**
Severe	$4.95	$0.23	**$5.18**	$12.53	$1.30	$0.17	$0.03	$4.55	**$18.58**	**$23.76**
Standby	$2.17	$0.22							**$2.39**	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10WC001	GP 3800A	GENERATOR SET, PORTABLE, 3.7 KW, 120/240V, 60 HZ	$2,493	Gas 8 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.28	$0.01	**$0.29**	$1.95	$0.20	$0.00	$0.00	$0.22	**$2.37**	**$2.66**
Severe	$0.32	$0.01	**$0.33**	$2.54	$0.26	$0.00	$0.00	$0.29	**$3.10**	**$3.43**
Standby	$0.14	$0.01							**$0.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.10 PORTABLE

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10WC002	GP 5600A	GENERATOR SET, PORTABLE, 5.6 KW, 120/240V, 60 HZ	$2,874	Gas 11 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.32	$0.02	**$0.34**	$2.68	$0.28	$0.00	$0.00	$0.25	**$3.21**	**$3.55**
Severe	$0.37	$0.02	**$0.39**	$3.50	$0.36	$0.00	$0.00	$0.34	**$4.20**	**$4.59**
Standby	$0.16	$0.02							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10WC004	GPS 9700V	GENERATOR SET, PORTABLE, 9.7 KW, 120/240V, 60 HZ, WITH ELECTRIC START	$3,824	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**	$4.39	$0.46	$0.00	$0.00	$0.34	**$5.19**	**$5.64**
Severe	$0.49	$0.02	**$0.51**	$5.72	$0.60	$0.00	$0.00	$0.45	**$6.77**	**$7.28**
Standby	$0.22	$0.02							**$0.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10CA012	C9 250KW	GENERATOR SET, SKID MTD, 250 EKW, 313 KVA, 208 VOLT, 60 HZ PGS PRIME	$76,528	D-Off 480 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.89	$0.43	**$7.32**	$67.85	$7.06	$0.00	$0.00	$6.33	**$81.24**	**$88.56**
Severe	$8.61	$0.44	**$9.05**	$89.74	$9.34	$0.00	$0.00	$9.05	**$108.12**	**$117.17**
Standby	$3.45	$0.43							**$3.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10CA013	C9 300KW	GENERATOR SET, SKID MTD, 300 EKW, 375 KVA, 240/480 VOLT, 60 HZ PGS PRIME	$76,467	D-Off 480 HP		75

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.88	$0.43	**$7.31**	$67.85	$7.06	$0.00	$0.00	$6.33	**$81.24**	**$88.55**
Severe	$8.60	$0.44	**$9.04**	$89.74	$9.34	$0.00	$0.00	$9.04	**$108.12**	**$117.16**
Standby	$3.44	$0.43							**$3.87**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10CA014	C15 500KW	GENERATOR SET, SKID MTD, 500 EKW, 480V, 60 HZ	$108,297	D-Off 670 HP		120

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.75	$0.61	**$10.36**	$94.71	$9.85	$0.00	$0.00	$8.96	**$113.52**	**$123.88**
Severe	$12.18	$0.63	**$12.81**	$125.26	$13.03	$0.00	$0.00	$12.80	**$151.09**	**$163.90**
Standby	$4.88	$0.61							**$5.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10CA021	C18	GENERATOR SET, SKID MTD, 600 EKW, 750 KVA, 208-600V, 60 HZ PGS PRIME	$130,198	D-Off 950 HP		167

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.72	$0.74	**$12.46**	$134.29	$13.97	$0.00	$0.00	$10.77	**$159.03**	**$171.49**
Severe	$14.65	$0.76	**$15.41**	$177.61	$18.48	$0.00	$0.00	$15.39	**$211.48**	**$226.89**
Standby	$5.86	$0.74							**$6.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX005	20KW	GENERATOR SET, SKID MTD, 20 KW	$13,346	D-Off 33.5 HP		17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.20	$0.08	**$1.28**	$4.74	$0.49	$0.00	$0.00	$1.10	**$6.34**	**$7.62**
Severe	$1.50	$0.08	**$1.58**	$6.26	$0.65	$0.00	$0.00	$1.58	**$8.49**	**$10.07**
Standby	$0.60	$0.08							**$0.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX014	600D	GENERATOR SET, SKID MTD, 600 KW	$112,512	D-Off 876 HP		137

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.13	$0.64	**$10.77**	$123.83	$12.88	$0.00	$0.00	$9.31	**$146.02**	**$156.79**
Severe	$12.66	$0.65	**$13.31**	$163.78	$17.04	$0.00	$0.00	$13.30	**$194.12**	**$207.43**
Standby	$5.07	$0.64							**$5.71**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX015	855D	GENERATOR SET, SKID MTD, 855 KW	$200,078	D-Off 1495 HP		172

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.01	$1.13	**$19.14**	$211.33	$21.99	$0.00	$0.00	$16.56	**$249.87**	**$269.01**
Severe	$22.51	$1.16	**$23.67**	$279.51	$29.08	$0.00	$0.00	$23.65	**$332.24**	**$355.91**
Standby	$9.01	$1.13							**$10.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX016	1017D	GENERATOR SET, SKID MTD, 1,017 KW	$224,336	D-Off 1692 HP		187

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.19	$1.27	**$21.46**	$239.18	$24.88	$0.00	$0.00	$18.56	**$282.63**	**$304.09**
Severe	$25.24	$1.30	**$26.54**	$316.34	$32.91	$0.00	$0.00	$26.52	**$375.77**	**$402.31**
Standby	$10.10	$1.27							**$11.37**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX050	36KW SKID MTD	GENERATOR SET, SKID MOUNTED, 36 KW 45 KVA, 3P, 120/240, 277/480, 60HZ	$23,013	D-Off 74 HP		17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.07	$0.13	**$2.20**	$10.46	$1.09	$0.00	$0.00	$1.90	**$13.45**	**$15.65**
Severe	$2.59	$0.13	**$2.72**	$13.84	$1.44	$0.00	$0.00	$2.72	**$18.00**	**$20.72**
Standby	$1.04	$0.13							**$1.17**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX053	225KW	GENERATOR SET, SKID MOUNTED, 225KW, 280 KVA, 3P, 120/240, 277/480, 60HZ	$47,314	D-Off 580 HP		85

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.26	$0.27	**$4.53**	$81.99	$8.53	$0.00	$0.00	$3.91	**$94.44**	**$98.97**
Severe	$5.32	$0.27	**$5.59**	$108.44	$11.28	$0.00	$0.00	$5.59	**$125.31**	**$130.90**
Standby	$2.13	$0.27							**$2.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX054	120KW	GENERATOR SET, SKID MOUNTED, 120KW, 150 KVA, 3P, 110/220, 277/480, 60HZ	$54,176	D-Off 241 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.88	$0.31	**$5.19**	$34.07	$3.54	$0.00	$0.00	$4.48	**$42.10**	**$47.29**
Severe	$6.09	$0.31	**$6.40**	$45.06	$4.69	$0.00	$0.00	$6.40	**$56.15**	**$62.55**
Standby	$2.44	$0.31							**$2.75**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX055	100KW	GENERATOR SET, SKID MOUNTED, 100KW, 125 KVA, 3P, 120/240, 277/480, 60HZ	$40,078	D-Off 166 HP		58

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.61	$0.23	**$3.84**	$23.47	$2.44	$0.00	$0.00	$3.32	**$29.23**	**$33.07**
Severe	$4.51	$0.23	**$4.74**	$31.04	$3.23	$0.00	$0.00	$4.74	**$39.01**	**$43.75**
Standby	$1.81	$0.23							**$2.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX056	64KW	GENERATOR SET, SKID MOUNTED, 64KW, 80 KVA, 3P, 120/240, 277/480, 60HZ	$36,598	D-Off 133 HP		50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.29	$0.21	**$3.50**	$18.80	$1.96	$0.00	$0.00	$3.03	**$23.78**	**$27.28**
Severe	$4.12	$0.21	**$4.33**	$24.87	$2.59	$0.00	$0.00	$4.33	**$31.78**	**$36.11**
Standby	$1.65	$0.21							**$1.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX057	45KW	GENERATOR SET, SKID MOUNTED, 45KW, 56 KVA, 3P, 120/240, 277/480, 60HZ	$24,215	D-Off 74 HP		22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.18	$0.14	**$2.32**	$10.46	$1.09	$0.00	$0.00	$2.00	**$13.55**	**$15.87**
Severe	$2.72	$0.14	**$2.86**	$13.84	$1.44	$0.00	$0.00	$2.86	**$18.14**	**$21.00**
Standby	$1.09	$0.14							**$1.23**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
G10XX058	720KW	GENERATOR SET, SKID MOUNTED, 720KW, 900 KVA, 3P, 120/208, 277/480, 60HZ	$182,777	D-Off 1195 HP		212

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.45	$1.03	**$17.48**	$168.93	$17.58	$0.00	$0.00	$15.12	**$201.63**	**$219.11**
Severe	$20.56	$1.06	**$21.62**	$223.42	$23.24	$0.00	$0.00	$21.61	**$268.27**	**$289.89**
Standby	$8.23	$1.03							**$9.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
G10XX059	1400KW	GENERATOR SET, SKID MOUNTED, 1400KW, 1750 KVA, 3P, 277/480, 60 HZ	$425,730	D-Off 2174 HP		337

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.32	$2.41	**$40.73**	$307.32	$31.97	$0.00	$0.00	$35.23	**$374.52**	**$415.25**
Severe	$47.89	$2.47	**$50.36**	$406.45	$42.29	$0.00	$0.00	$50.32	**$499.06**	**$549.42**
Standby	$19.16	$2.41							**$21.57**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX060	200KW	GENERATOR SET, SKID MOUNTED, 200KW, 250 KVA, 3P, 110/220, 277/480, 60 HZ	$69,762	D-Off 322 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.28	$0.39	**$6.67**	$45.52	$4.74	$0.00	$0.00	$5.77	**$56.03**	**$62.70**
Severe	$7.85	$0.40	**$8.25**	$60.20	$6.26	$0.00	$0.00	$8.25	**$74.71**	**$82.96**
Standby	$3.14	$0.39							**$3.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX061	400KW	GENERATOR SET, SKID MOUNTED, 400KW, 500KVA, 3P, 120/240, 277/480, 60 HZ	$114,564	D-Off 650 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.31	$0.65	**$10.96**	$91.88	$9.56	$0.00	$0.00	$9.48	**$110.92**	**$121.88**
Severe	$12.89	$0.66	**$13.55**	$121.52	$12.64	$0.00	$0.00	$13.54	**$147.71**	**$161.26**
Standby	$5.16	$0.65							**$5.81**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G10 GENERATOR SETS

G10 0.20 SKID MOUNTED

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G10XX062	280KW	GENERATOR SET, SKID MTD, 280KW, 350KVA, 3P, 120/240, 277/480, 60 HZ	$84,215	D-Off 450 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.58	$0.48	**$8.06**	$63.61	$6.62	$0.00	$0.00	$6.97	**$77.20**	**$85.26**
Severe	$9.47	$0.49	**$9.96**	$84.13	$8.75	$0.00	$0.00	$9.95	**$102.84**	**$112.80**
Standby	$3.79	$0.48							**$4.27**	

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CS001	836C	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE, RIPPER	$297,478	D-Off 220 HP		265

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.21	$1.83	**$18.04**	$29.09	$4.27	$6.05	$0.93	$18.71	**$59.05**	**$77.09**
Severe	$16.86	$1.83	**$18.69**	$37.12	$5.45	$17.20	$2.63	$22.06	**$84.46**	**$103.15**
Standby	$8.11	$1.83							**$9.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CS002	856C	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE, RIPPER	$312,763	D-Off 220 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.09	$1.92	**$19.01**	$29.09	$4.27	$6.05	$0.93	$19.72	**$60.05**	**$79.06**
Severe	$17.78	$1.92	**$19.70**	$37.12	$5.45	$17.20	$2.63	$23.24	**$85.65**	**$105.35**
Standby	$8.55	$1.92							**$10.47**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA001	120-M2	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS	$318,181	D-Off 145 HP		388

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.40	$1.95	**$19.35**	$19.17	$2.82	$6.05	$0.93	$20.07	**$49.03**	**$68.38**
Severe	$18.10	$1.96	**$20.06**	$24.46	$3.59	$17.20	$2.63	$23.66	**$71.55**	**$91.61**
Standby	$8.70	$1.95							**$10.65**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA003	12-M3	GRADER, MOTOR, ARTICULATED, 6X4, 12' BLADE W/11 TEETH SCARIFIERS	$359,314	D-Off 179 HP		371

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.78	$2.21	**$21.99**	$23.67	$3.48	$6.05	$0.93	$22.77	**$56.89**	**$78.88**
Severe	$20.57	$2.21	**$22.78**	$30.20	$4.44	$17.20	$2.63	$26.84	**$81.31**	**$104.09**
Standby	$9.89	$2.21							**$12.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA004	140-M3	GRADER, MOTOR, ARTICULATED, 6X4, 14' BLADE W/5 RIPPER/SCARIFIERS	$396,558	D-Off 179 HP		388

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.93	$2.43	**$24.36**	$23.67	$3.48	$6.05	$0.93	$25.22	**$59.34**	**$83.70**
Severe	$22.80	$2.44	**$25.24**	$30.20	$4.44	$17.20	$2.63	$29.72	**$84.19**	**$109.43**
Standby	$10.97	$2.43							**$13.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA009	160-M3	GRADER, MOTOR, ARTICULATED, 6X4, 16' BLADE W/ RIPPER	$460,497	D-Off 213 HP		453

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.61	$2.83	**$28.44**	$28.17	$4.14	$6.05	$0.93	$29.42	**$68.70**	**$97.14**
Severe	$26.64	$2.83	**$29.47**	$35.94	$5.28	$17.20	$2.63	$34.67	**$95.72**	**$125.19**
Standby	$12.81	$2.83							**$15.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA010	12M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/11 TEETH SCARIFIERS	$413,702	D-Off 179 HP		427

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.92	$2.54	**$25.46**	$23.67	$3.48	$4.94	$0.76	$26.34	**$59.19**	**$84.65**
Severe	$23.83	$2.55	**$26.38**	$30.20	$4.44	$13.63	$2.08	$31.05	**$81.40**	**$107.78**
Standby	$11.46	$2.54							**$14.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA012	160M3 AWD	GRADER, MOTOR, ARTICULATED, 6X6, 16' BLADE W/ RIPPER	$517,430	D-Off 213 HP		453

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.90	$3.18	**$32.08**	$28.17	$4.14	$6.84	$1.05	$33.15	**$73.35**	**$105.43**
Severe	$30.06	$3.18	**$33.24**	$35.94	$5.28	$20.17	$3.09	$39.08	**$103.55**	**$136.79**
Standby	$14.45	$3.18							**$17.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA038	120M2 AWD	MOTOR GRADER, ARTICULATED, 6X6, 12' BLADE	$361,988	D-Off 179 HP		426

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.16	$2.22	**$22.38**	$23.67	$3.48	$5.19	$0.79	$23.15	**$56.28**	**$78.66**
Severe	$20.97	$2.23	**$23.20**	$30.20	$4.44	$15.30	$2.34	$27.28	**$79.56**	**$102.76**
Standby	$10.08	$2.22							**$12.30**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15CA039	140M3 AWD	MOTOR GRADER, ARTICULATED, 6X6, 14' BLADE	$447,994	D-Off 179 HP		388

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.12	$2.75	**$27.87**	$23.67	$3.48	$5.19	$0.79	$28.79	**$61.92**	**$89.79**
Severe	$26.13	$2.76	**$28.89**	$30.20	$4.44	$15.30	$2.34	$33.94	**$86.21**	**$115.10**
Standby	$12.56	$2.75							**$15.31**	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15JD008	670G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS	$304,912	D-Off 235 HP		423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.64	$1.87	**$18.51**	$31.08	$4.57	$6.05	$0.93	$19.20	**$61.82**	**$80.33**
Severe	$17.30	$1.88	**$19.18**	$39.65	$5.82	$17.20	$2.63	$22.63	**$87.94**	**$107.12**
Standby	$8.32	$1.87							**$10.19**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15JD009	672G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS	$351,396	D-Off 255 HP		440

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.32	$2.16	**$21.48**	$33.72	$4.95	$6.84	$1.05	$22.25	**$68.82**	**$90.30**
Severe	$20.09	$2.16	**$22.25**	$43.02	$6.32	$20.17	$3.09	$26.23	**$98.82**	**$121.07**
Standby	$9.66	$2.16							**$11.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15JD010	770G	GRADER, MOTOR, ARTICULATED, 6X4, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS	$332,327	D-Off 255 HP		428

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.22	$2.04	**$20.26**	$33.72	$4.95	$6.05	$0.93	$21.00	**$66.65**	**$86.91**
Severe	$18.95	$2.04	**$20.99**	$43.02	$6.32	$17.20	$2.63	$24.75	**$93.93**	**$114.92**
Standby	$9.11	$2.04							**$11.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

G15 GRADERS, MOTOR

G15 0.00 GRADERS, MOTOR

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15JD011	772G	GRADER, MOTOR, ARTICULATED, 6X6, AWD, 12' BLADE W/5 RIPPER/SCARIFIERS	$386,022	D-Off 275 HP		446

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.32	$2.37	**$23.69**	$36.37	$5.34	$6.84	$1.05	$24.53	**$74.13**	**$97.82**
Severe	$22.17	$2.37	**$24.54**	$46.40	$6.82	$20.17	$3.09	$28.91	**$105.38**	**$129.92**
Standby	$10.66	$2.37							**$13.03**	

LEE-BOY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
G15LD008	685D	GRADER, MOTOR, ARTICULATED, 6X6, 12' BLADE W/9 TEETH SCARIFIERS AND RIPPER	$226,416	D-Off 130 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.86	$1.39	**$14.25**	$17.19	$2.52	$0.86	$0.13	$14.69	**$35.40**	**$49.65**
Severe	$13.38	$1.39	**$14.77**	$21.93	$3.22	$2.54	$0.39	$17.32	**$45.40**	**$60.17**
Standby	$6.43	$1.39							**$7.82**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	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)	$7,603			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.01	$0.05	**$1.06**	$0.00	$0.80	$0.00	$0.00	$1.49	**$2.29**	**$3.35**
Standby	$0.51	$0.05							**$0.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	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)	$7,907			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.05	$0.05	**$1.10**	$0.00	$0.80	$0.00	$0.00	$1.55	**$2.35**	**$3.45**
Standby	$0.53	$0.05							**$0.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	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)	$8,935			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.19	$0.06	**$1.25**	$0.00	$1.20	$0.00	$0.00	$1.75	**$2.95**	**$4.20**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$11,170			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.49	$0.07	**$1.56**	$0.00	$1.20	$0.00	$0.00	$2.18	**$3.38**	**$4.94**
Standby	$0.75	$0.07							**$0.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$17,713			8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.36	$0.11	**$2.47**	$0.00	$1.60	$0.00	$0.00	$3.46	**$5.06**	**$7.53**
Standby	$1.18	$0.11							**$1.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$23,997			10

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	$1.60	$0.00	$0.00	$4.69	**$6.29**	**$9.64**
Standby	$1.60	$0.15							**$1.75**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	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)	$42,435			22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.66	$0.27	**$5.93**	$0.00	$2.00	$0.00	$0.00	$8.29	**$10.29**	**$16.22**
Standby	$2.83	$0.27							**$3.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	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)	$53,827			29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.18	$0.34	**$7.52**	$0.00	$2.00	$0.00	$0.00	$10.52	**$12.52**	**$20.04**
Standby	$3.59	$0.34							**$3.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H10NP027	GH9	HAMMERS, HYDRAULIC, 3,000 FT-LBS, IMPACT FREQUENCY 590 BPM (ADD 40,000-56,000 EXCAVATOR)(ADD COST FOR POINT WEAR)	$63,032			36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.40	$0.40	**$8.80**	$0.00	$2.00	$0.00	$0.00	$12.32	**$14.32**	**$23.12**
Standby	$4.20	$0.40							**$4.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

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

NPK CONSTRUCTION EQUIPMENT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$87,470			57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.66	$0.56	**$12.22**	$0.00	$2.40	$0.00	$0.00	$17.09	**$19.49**	**$31.71**
Standby	$5.83	$0.56							**$6.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$114,182			68

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.22	$0.73	**$15.95**	$0.00	$2.40	$0.00	$0.00	$22.31	**$24.71**	**$40.66**
Standby	$7.61	$0.73							**$8.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$276,497			170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.87	$1.77	**$38.64**	$0.00	$2.40	$0.00	$0.00	$54.04	**$56.44**	**$95.08**
Standby	$18.44	$1.77							**$20.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

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

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

ENVIRO-PAK

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13EP001	4000HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON HAZARDOUS WASTE, HAZ-MAT STORAGE CONTAINER 40"X40"X40"	$58,373	Elec 5 HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.96	$0.34	**$5.30**	$0.43	$0.48	$0.00	$0.00	$5.48	**$6.39**	**$11.69**
Standby	$2.48	$0.34							**$2.82**	

TEEMARK CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13TH001	DPC60-E50	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER	$15,532	Elec 5 HP		20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.32	$0.09	**$1.41**	$0.43	$0.23	$0.00	$0.00	$1.46	**$2.12**	**$3.53**
Standby	$0.66	$0.09							**$0.75**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

TEEMARK CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13TH002	DPC60-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 30 TON DRUM CRUSHER	$19,634	D-Off 9 HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.67	$0.11	**$1.78**	$1.27	$0.13	$0.00	$0.00	$1.84	**$3.24**	**$5.02**
Standby	$0.84	$0.11							**$0.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13TH003	DPC85-D90	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON DRUM CRUSHER	$25,935	D-Off 9 HP		47

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.20	$0.15	**$2.35**	$1.27	$0.13	$0.00	$0.00	$2.43	**$3.84**	**$6.19**
Standby	$1.10	$0.15							**$1.25**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.11 COMPACTORS (Compression force) 0 THRU 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13CO002	8041CC	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 37 TON HAZARD WASTE IN-DRUM , EXPLOSION PROOF	$24,657	Elec 5 HP		167

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.10	$0.14	**$2.24**	$0.43	$0.48	$0.00	$0.00	$2.31	**$3.23**	**$5.47**
Standby	$1.05	$0.14							**$1.19**	

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

ENVIRO-PAK

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13EP002	9600HM	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 42.5 TON HAZARDOUS WASTE, B-25 METAL STORAGE CONTAINER 4'X4'X6'	$65,479	Elec 7.5 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.37	$0.39	**$4.76**	$0.64	$0.65	$0.00	$0.00	$5.76	**$7.04**	**$11.80**
Standby	$2.19	$0.39							**$2.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13CO003	8551	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM	$60,338	Elec 3 HP		270

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.02	$0.36	**$4.38**	$0.26	$0.39	$0.00	$0.00	$5.31	**$5.96**	**$10.34**
Standby	$2.01	$0.36							**$2.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13CO004	8564	HAZARDOUS/TOXIC WASTE EQIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER	$74,438	Elec 3 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.96	$0.44	**$5.40**	$0.26	$0.64	$0.00	$0.00	$6.55	**$7.45**	**$12.85**
Standby	$2.48	$0.44							**$2.92**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13CO005	8560-EXL	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, EXPLOSION PROOF, W/LIQUID REMOVAL SYSTEM	$98,111	Elec 3 HP		310

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.54	$0.59	**$7.13**	$0.26	$0.64	$0.00	$0.00	$8.63	**$9.53**	**$16.66**
Standby	$3.27	$0.59							**$3.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.12 COMPACTORS (Compression force) OVER 50 TONS

WASTE CONTROL SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13CO006	8560-EX	HAZARDOUS/TOXIC WASTE EQUIPMENT, COMPACTOR, 85 TON HAZARD WASTE IN-DRUM, W/HEPA FILTER & SS PLATEN & CHAMBER	$98,945	Elec 3 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.60	$0.59	**$7.19**	$0.26	$0.49	$0.00	$0.00	$8.70	**$9.45**	**$16.64**
Standby	$3.30	$0.59							**$3.89**	

H13 0.21 FILTER PRESSES, STATIONARY

DURCO FILTERS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13DC001	EP1000/32-48	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 48 CHAMBERS, 1M X 1M POLYPROPYLENE PLATES, 40 CF CAKE CAPACITY PER FILTER, 830 SF TOTAL FILTER AREA, HYDRAULIC RAM 100 PSIG	$63,093			108

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.05	$0.38	**$5.43**	$0.00	$0.00	$0.00	$0.00	$6.66	**$6.66**	**$12.09**
Standby	$2.53	$0.38							**$2.91**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$154,438			244

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.36	$0.93	**$13.29**	$0.00	$0.00	$0.00	$0.00	$16.30	**$16.30**	**$29.59**
Standby	$6.18	$0.93							**$7.11**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$210,993			236

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.88	$1.28	**$18.16**	$0.00	$0.00	$0.00	$0.00	$22.27	**$22.27**	**$40.43**
Standby	$8.44	$1.28							**$9.72**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$239,282			255

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.14	$1.45	**$20.59**	$0.00	$0.00	$0.00	$0.00	$25.25	**$25.25**	**$45.84**
Standby	$9.57	$1.45							**$11.02**	

EVOQUA

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13EV001	PLC 25-1000	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 25 CF STANDARD FILTER PRESS, 1,000 MM SQ	$68,465	Elec 1.5 HP		125

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.48	$0.41	**$5.89**	$0.13	$0.07	$0.00	$0.00	$7.23	**$7.43**	**$13.32**
Standby	$2.74	$0.41							**$3.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.21 FILTER PRESSES, STATIONARY

EVOQUA

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13EV003	PLC 115-1200	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 115 CF STANDARD FILTER PRESS, 1,200 MM SQ	$149,416	Elec	1.5	HP		460

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.95	$0.90	**$12.85**	$0.13	$0.07	$0.00	$0.00	$15.77	**$15.97**	**$28.82**
Standby	$5.98	$0.90							**$6.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13EV004	PLC 180-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 180 CF STANDARD FILTER PRESS, 1,500 MM SQ	$301,021	Elec	3	HP		680

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.08	$1.82	**$25.90**	$0.26	$0.14	$0.00	$0.00	$31.77	**$32.17**	**$58.07**
Standby	$12.04	$1.82							**$13.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13EV005	PLC 270-1500	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, STATIONARY, 270 CF MAXI FILTER PRESS, 1,500 MM SQ	$382,384	Elec	10	HP		1100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.59	$2.31	**$32.90**	$0.86	$0.46	$0.00	$0.00	$40.35	**$41.68**	**$74.58**
Standby	$15.30	$2.31							**$17.61**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$180,564	Air		304

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.13	$1.06	**$16.19**	$0.00	$0.10	$0.55	$0.08	$16.74	**$17.47**	**$33.66**
Standby	$7.57	$1.06							**$8.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$237,269	Air		396

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.95	$1.39	**$21.34**	$0.00	$0.60	$0.55	$0.08	$22.05	**$23.29**	**$44.63**
Standby	$9.98	$1.39							**$11.37**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$90,653			168

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.49	$0.53	**$8.02**	$0.00	$0.60	$0.55	$0.08	$8.30	**$9.54**	**$17.56**
Standby	$3.75	$0.53							**$4.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$265,380			315

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.34	$1.55	**$23.89**	$0.00	$0.60	$0.55	$0.08	$24.69	**$25.93**	**$49.82**
Standby	$11.17	$1.55							**$12.72**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$581,870	Elec 3 HP		145

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.24	$3.41	**$52.65**	$0.26	$1.64	$0.55	$0.08	$54.38	**$56.92**	**$109.57**
Standby	$24.62	$3.41							**$28.03**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$469,467	Elec 1.5 HP		185

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.69	$2.75	**$42.44**	$0.13	$0.67	$0.55	$0.08	$43.84	**$45.27**	**$87.71**
Standby	$19.85	$2.75							**$22.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$602,586	Elec 1.5 HP		520

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.00	$3.53	**$54.53**	$0.13	$0.67	$0.55	$0.08	$56.32	**$57.76**	**$112.29**
Standby	$25.50	$3.53							**$29.03**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$888,382	Elec	3	HP		740

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$75.30	$5.20	**$80.50**	$0.26	$0.74	$0.55	$0.08	$83.13	**$84.77**	**$165.27**
Standby	$37.65	$5.20							**$42.85**	

SOMAT WASTE REDUCTION TECHNOLOGY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13S5001	1PB-6D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 6-15 GPM CAPACITY, TRAILER MOUNTED	$77,336	Elec	3	HP		14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.36	$0.45	**$6.81**	$0.26	$0.14	$0.55	$0.08	$7.05	**$8.09**	**$14.90**
Standby	$3.18	$0.45							**$3.63**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.22 FILTER PRESSES, MOBILE

SOMAT WASTE REDUCTION TECHNOLOGY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13S5002	1PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 15-40 GPM CAPACITY, TRAILER MOUNTED	$121,240	Elec	5	HP		35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.09	$0.71	**$10.80**	$0.43	$0.23	$0.55	$0.08	$11.17	**$12.47**	**$23.27**
Standby	$5.05	$0.71							**$5.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13S5003	2PB-9D	HAZARDOUS/TOXIC WASTE EQUIPMENT, FILTER PRESS, MOBILE, PUSHER SCREW PRESS, 30-80 GPM CAPACITY, TRAILER MOUNTED	$143,967	Elec	5	HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.02	$0.84	**$12.86**	$0.43	$0.23	$0.55	$0.08	$13.30	**$14.60**	**$27.46**
Standby	$6.01	$0.84							**$6.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.30 CENTRIFUGES

NORTH STAR ENGINEERED PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13BC008	755	HAZARDOUS/TOXIC WASTE EQUIPMENT, CENTRIFUGE, FIXED SPEED, MANUAL CONTROL, EXPLOSION PROOF, 100 LB	$57,550	Elec	5	HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.51	$0.39	**$11.90**	$0.43	$0.23	$0.00	$0.00	$11.81	**$12.47**	**$24.37**
Standby	$5.76	$0.39							**$6.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
H13BC014	805 TX	HAZARDOUS/TOXIC WASTE EQUIPMENT CENTRIFUGE FIXED SPEED, TIMER, 100 LB. DRY WEIGHT	$29,128	Elec	5	HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.83	$0.20	**$6.03**	$0.43	$0.23	$0.00	$0.00	$5.98	**$6.64**	**$12.67**
Standby	$2.92	$0.20							**$3.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$489,487	D-Off 150 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.27	$2.87	**$44.14**	$21.20	$5.57	$0.85	$0.13	$51.31	**$79.06**	**$123.20**
Standby	$20.64	$2.87							**$23.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$569,650	D-Off 200 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.97	$3.33	**$51.30**	$28.27	$7.43	$1.15	$0.18	$59.64	**$96.67**	**$147.97**
Standby	$23.99	$3.33							**$27.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

GRANUTE-SATURN SYSTEMS(MAC CORPORATION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$671,808	D-Off 200 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$56.65	$3.93	**$60.58**	$28.27	$8.43	$1.15	$0.18	$70.42	**$108.45**	**$169.03**
Standby	$28.33	$3.93							**$32.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$746,838	D-Off 300 HP		400

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$63.03	$4.37	**$67.40**	$42.41	$11.15	$1.15	$0.18	$78.34	**$133.22**	**$200.62**
Standby	$31.52	$4.37							**$35.89**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
H13SH001	ST-25	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 42" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)	$765,952	Elec 20 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$65.11	$4.48	**$69.59**	$1.72	$0.84	$0.00	$0.00	$80.83	**$83.39**	**$152.98**
Standby	$32.56	$4.48							**$37.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
H13SH002	ST-25EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 29" X 46" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)	$776,350	Elec 20 HP		25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$65.99	$4.54	**$70.53**	$1.72	$0.84	$0.00	$0.00	$81.93	**$84.49**	**$155.02**
Standby	$33.00	$4.54							**$37.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
H13SH005	ST-100	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 63" X 70" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)	$1,141,640	Elec 100 HP		145

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$97.04	$6.68	**$103.72**	$8.58	$4.17	$0.00	$0.00	$120.48	**$133.24**	**$236.96**
Standby	$48.52	$6.68							**$55.20**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.40 SHREDDERS

SHRED-TECH LIMITED

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13SH006	ST-400EL	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 75" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)	$1,350,571	Elec 200 HP		350

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$114.80	$7.91	**$122.71**	$17.16	$8.35	$0.00	$0.00	$142.53	**$168.04**	**$290.75**
Standby	$57.40	$7.91							**$65.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13SH007	ST-400ES	HAZARDOUS/TOXIC WASTE EQUIPMENT, SHREDDER, 46" X 53" OPENING (ADD COST FOR CONVEYOR SYSTEM, POWER SUPPLY, AND TRAILER)	$1,247,287	Elec 200 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$106.02	$7.30	**$113.32**	$17.16	$8.35	$0.00	$0.00	$131.63	**$157.14**	**$270.46**
Standby	$53.01	$7.30							**$60.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.51 SOIL TREATMENT PLANT, MOBILE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13XX025	A36	WINDROW TURNER, FOR MASS COMPOST, 2000 CY/HR, CAPABLE OF 12' X 6' WINDROWS, CRAWLER MOUNTED	$287,253	D-Off 154 HP		140

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.42	$1.68	**$26.10**	$21.77	$2.64	$0.00	$0.00	$33.68	**$58.10**	**$84.20**
Standby	$12.21	$1.68							**$13.89**	

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H13XX001	DC7000-10	HAZARDOUS/TOXIC WASTE EQUIPMENT, WASTE HANDLING EQUIPMENT, 55 GAL DRUM CRUSHER, 3 KSI CRUSHING FORCE	$25,247	Elec 10 HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.36	$0.17	**$5.53**	$0.86	$0.42	$0.00	$0.00	$7.40	**$8.68**	**$14.21**
Standby	$2.68	$0.17							**$2.85**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$140,837	Elec 1.5 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.93	$0.94	**$30.87**	$0.13	$0.06	$0.00	$0.00	$41.29	**$41.48**	**$72.35**
Standby	$14.97	$0.94							**$15.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$282			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.06	$0.00	**$0.06**	$0.00	$0.00	$0.00	$0.00	$0.08	**$0.08**	**$0.14**
Standby	$0.03	$0.00							**$0.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H13 HAZARDOUS/TOXIC WASTE EQUIPMENT

H13 0.71 WASTE HANDLING EQUIPMENT, DRUM HANDLING

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$1,962			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.42	$0.01	**$0.43**	$0.00	$0.00	$0.00	$0.00	$0.58	**$0.58**	**$1.01**
Standby	$0.21	$0.01							**$0.22**	

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H20IR002	FA2.5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 5,000 LBS CAP, 145 FPM (ADD 700 CFM COMPRESSOR)	$36,858			11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.28	$0.23	**$3.51**	$0.00	$0.20	$0.00	$0.00	$3.84	**$4.04**	**$7.55**
Standby	$1.64	$0.23							**$1.87**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H20 HOISTS & AIR WINCHES

H20 0.00 HOISTS & AIR WINCHES

INGERSOLL RAND CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H20IR003	FA5i	AIR WINCH, MANUAL BRAKE, 24" DRUM, 11,000 LBS CAP, 65 FPM (ADD 700 CFM COMPRESSOR)	$48,466			19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.31	$0.30	**$4.61**	$0.00	$0.30	$0.00	$0.00	$5.05	**$5.35**	**$9.96**
Standby	$2.16	$0.30							**$2.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H20IR004	FA10i	AIR WINCH, AUTOMATIC BRAKE, 24" DRUM, 22,000 LBS CAP, 30 FPM (ADD 800 CFM COMPRESSOR)	$73,282			32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.51	$0.45	**$6.96**	$0.00	$0.40	$0.00	$0.00	$7.64	**$8.04**	**$15.00**
Standby	$3.26	$0.45							**$3.71**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS001	CX17C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 4,110 LBS, 0.05 CY BUCKET, 7' 9" MAX DIGGING DEPTH	$37,979	D-Off 18 HP		77

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.56	$0.24	**$3.80**	$2.54	$0.39	$0.00	$0.00	$3.81	**$6.74**	**$10.54**
Severe	$4.07	$0.25	**$4.32**	$3.37	$0.51	$0.00	$0.00	$4.98	**$8.86**	**$13.18**
Standby	$1.78	$0.24							**$2.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS002	CX26C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 5,830 LBS, 0.09 CY BUCKET, 8' 8" MAX DIGGING DEPTH	$43,586	D-Off 24.8 HP		58

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.09	$0.28	**$4.37**	$3.51	$0.53	$0.00	$0.00	$4.37	**$8.42**	**$12.79**
Severe	$4.67	$0.28	**$4.95**	$4.64	$0.71	$0.00	$0.00	$5.71	**$11.06**	**$16.01**
Standby	$2.05	$0.28							**$2.33**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS003	CX30C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 7,420 LBS, 0.12 CY BUCKET, 10' 11" MAX DIGGING DEPTH	$49,766	D-Off 24.4 HP		74

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.67	$0.32	**$4.99**	$3.45	$0.52	$0.00	$0.00	$4.99	**$8.97**	**$13.96**
Severe	$5.33	$0.32	**$5.65**	$4.56	$0.69	$0.00	$0.00	$6.52	**$11.78**	**$17.43**
Standby	$2.34	$0.32							**$2.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS004	CX37C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 8,660 LBS, 0.14 CY BUCKET, 11' 3" MAX DIGGING DEPTH	$53,556	D-Off 24.4 HP		87

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.02	$0.34	**$5.36**	$3.45	$0.52	$0.00	$0.00	$5.37	**$9.35**	**$14.71**
Severe	$5.74	$0.35	**$6.09**	$4.56	$0.69	$0.00	$0.00	$7.02	**$12.27**	**$18.36**
Standby	$2.51	$0.34							**$2.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS005	CX57C	HYDRAULIC EXCAVATOR, MINI, CRAWLER RUBBER TRACK, 12,300 LBS, 0.24 CY BUCKET, 13' 4" MAX DIGGING DEPTH	$85,997	D-Off 66.9 HP		123

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.06	$0.55	**$8.61**	$9.46	$1.44	$0.00	$0.00	$8.63	**$19.53**	**$28.14**
Severe	$9.21	$0.56	**$9.77**	$12.51	$1.90	$0.00	$0.00	$11.27	**$25.68**	**$35.45**
Standby	$4.03	$0.55							**$4.58**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA006	300.9D	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 2,200 LBS, 0.05 CY BUCKET, 5.67' MAX DIGGING DEPTH	$28,851	D-Off 18 HP		22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.70	$0.18	**$2.88**	$2.54	$0.39	$0.00	$0.00	$2.90	**$5.82**	**$8.70**
Severe	$3.09	$0.19	**$3.28**	$3.37	$0.51	$0.00	$0.00	$3.78	**$7.66**	**$10.94**
Standby	$1.35	$0.18							**$1.53**	

* - 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	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA010	304E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 8,700 LBS, 0.11 CY BUCKET, 11.25' MAX DIGGING DEPTH	$66,580	D-Off 41.8 HP		87

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.24	$0.42	**$6.66**	$5.91	$0.90	$0.00	$0.00	$6.68	**$13.49**	**$20.15**
Severe	$7.13	$0.43	**$7.56**	$7.81	$1.19	$0.00	$0.00	$8.73	**$17.72**	**$25.28**
Standby	$3.12	$0.42							**$3.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA035	303E CR	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 7800 LBS, 0.16 CY BUCKET, 9' MAX DIGGING DEPTH	$60,395	D-Off 24.8 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.66	$0.38	**$6.04**	$3.51	$0.53	$0.00	$0.00	$6.06	**$10.10**	**$16.14**
Severe	$6.47	$0.39	**$6.86**	$4.64	$0.71	$0.00	$0.00	$7.92	**$13.26**	**$20.12**
Standby	$2.83	$0.38							**$3.21**	

* - 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	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA036	305E2	HYDRAULIC EXCAVATOR, MINI, CRAWLER-RUBBER TRACK, 11,500 LBS, 0.17 CY BUCKET, 12.7' MAX DIGGING DEPTH	$98,269	D-Off 45.7 HP		115

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.21	$0.63	**$9.84**	$6.46	$0.98	$0.00	$0.00	$9.86	**$17.30**	**$27.14**
Severe	$10.53	$0.63	**$11.16**	$8.54	$1.30	$0.00	$0.00	$12.88	**$22.72**	**$33.88**
Standby	$4.61	$0.63							**$5.24**	

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$78,382	D-Off 38 HP		110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.35	$0.50	**$7.85**	$5.37	$0.82	$0.00	$0.00	$7.87	**$14.05**	**$21.90**
Severe	$8.40	$0.51	**$8.91**	$7.10	$1.08	$0.00	$0.00	$10.27	**$18.45**	**$27.36**
Standby	$3.68	$0.50							**$4.18**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$91,366	D-Off 38 HP		116

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.57	$0.58	**$9.15**	$5.37	$0.82	$0.00	$0.00	$9.17	**$15.36**	**$24.51**
Severe	$9.79	$0.59	**$10.38**	$7.10	$1.08	$0.00	$0.00	$11.98	**$20.16**	**$30.54**
Standby	$4.29	$0.58							**$4.87**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM023	PC78US-10	HYDRAULIC EXCAVATOR, CRAWLER, 17,747 LBS, 0.37 CY BUCKET, 15'5" MAX DIGGING DEPTH	$112,358	D-Off 65.5 HP		178

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.53	$0.72	**$11.25**	$9.26	$1.41	$0.00	$0.00	$11.28	**$21.94**	**$33.19**
Severe	$12.04	$0.73	**$12.77**	$12.25	$1.86	$0.00	$0.00	$14.73	**$28.84**	**$41.61**
Standby	$5.27	$0.72							**$5.99**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM034	PC88MR-10	HYDRAULIC EXCAVATOR, CRAWLER, 19,290 LBS, 0.26 CY BUCKET, 15' 0" MAX DIGGING DEPTH	$120,002	D-Off 66 HP		193

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.25	$0.76	**$12.01**	$9.33	$1.42	$0.00	$0.00	$12.04	**$22.79**	**$34.80**
Severe	$12.86	$0.78	**$13.64**	$12.34	$1.88	$0.00	$0.00	$15.73	**$29.95**	**$43.59**
Standby	$5.63	$0.76							**$6.39**	

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25ME001	E26	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 6,490 LBS, 1.4 CY BUCKET, 9.5' MAX DIGGING DEPTH	$51,894	D-Off 25 HP		65

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.87	$0.33	**$5.20**	$3.53	$0.54	$0.00	$0.00	$5.21	**$9.27**	**$14.47**
Severe	$5.56	$0.34	**$5.90**	$4.67	$0.71	$0.00	$0.00	$6.80	**$12.18**	**$18.08**
Standby	$2.44	$0.33							**$2.77**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.10 0 LBS THRU 12,500 LBS

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25ME002	E35	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 7,700 LBS, 0.10 CY BUCKET, 10.2' MAX DIGGING DEPTH	$78,935	D-Off 25 HP		77

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.40	$0.50	**$7.90**	$3.53	$0.54	$0.00	$0.00	$7.92	**$11.99**	**$19.89**
Severe	$8.46	$0.51	**$8.97**	$4.67	$0.71	$0.00	$0.00	$10.35	**$15.73**	**$24.70**
Standby	$3.70	$0.50							**$4.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25ME003	E50	HYDRAULIC EXCAVATOR, CRAWLER-RUBBER TRACK, 11,360 LBS, 0.18 CY BUCKET, 11.4' MAX DIGGING DEPTH	$98,901	D-Off 50 HP		107

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.27	$0.63	**$9.90**	$7.07	$1.07	$0.00	$0.00	$9.93	**$18.07**	**$27.97**
Severe	$10.60	$0.64	**$11.24**	$9.35	$1.42	$0.00	$0.00	$12.96	**$23.74**	**$34.98**
Standby	$4.64	$0.63							**$5.27**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS021	CX80C	HYDRAULIC EXCAVATOR, CRAWLER, 18,900 LBS, 0.59 CY BUCKET, 15.33' MAX DIGGING DEPTH	$147,077	D-Off 54 HP		190

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.98	$0.93	**$13.91**	$7.63	$1.16	$0.00	$0.00	$13.89	**$22.68**	**$36.59**
Severe	$15.76	$0.95	**$16.71**	$10.10	$1.53	$0.00	$0.00	$20.48	**$32.12**	**$48.83**
Standby	$6.49	$0.93							**$7.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS022	CX130D	HYDRAULIC EXCAVATOR, CRAWLER, 30,400 LBS, 0.97 CY BUCKET, 19.83' MAX DIGGING DEPTH	$233,073	D-Off 102 HP		304

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.57	$1.48	**$22.05**	$14.42	$2.19	$0.00	$0.00	$22.02	**$38.63**	**$60.68**
Severe	$24.97	$1.51	**$26.48**	$19.07	$2.90	$0.00	$0.00	$32.46	**$54.43**	**$80.91**
Standby	$10.29	$1.48							**$11.77**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS023	CX160D	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 0.97 CY BUCKET, 21.33' MAX DIGGING DEPTH	$258,792	D-Off 115 HP		384

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.83	$1.64	**$24.47**	$16.26	$2.47	$0.00	$0.00	$24.44	**$43.18**	**$67.65**
Severe	$27.73	$1.67	**$29.40**	$21.50	$3.27	$0.00	$0.00	$36.04	**$60.81**	**$90.21**
Standby	$11.42	$1.64							**$13.06**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA011	307E2	HYDRAULIC MINI EXCAVATOR, CRAWLER-RUBBER TRACK, 16,100 LBS, 0.48 CY BUCKET, 13' 4" MAX DIGGING DEPTH	$109,654	D-Off 53.1 HP		161

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.68	$0.69	**$10.37**	$7.51	$1.14	$0.00	$0.00	$10.36	**$19.01**	**$29.38**
Severe	$11.75	$0.71	**$12.46**	$9.93	$1.51	$0.00	$0.00	$15.27	**$26.71**	**$39.17**
Standby	$4.84	$0.69							**$5.53**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA012	313F	HYDRAULIC EXCAVATOR, CRAWLER, 29,300 LBS, 1.00 CY BUCKET, 19' 10" MAX DIGGING DEPTH	$242,192	D-Off 100 HP		298

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.37	$1.53	**$22.90**	$14.14	$2.15	$0.00	$0.00	$22.88	**$39.17**	**$62.07**
Severe	$25.95	$1.56	**$27.51**	$18.70	$2.84	$0.00	$0.00	$33.73	**$55.27**	**$82.78**
Standby	$10.69	$1.53							**$12.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA014	315F	HYDRAULIC EXCAVATOR, CRAWLER, 36,300 LBS, 1.00 CY BUCKET, 19.5' MAX DIGGING DEPTH	$256,053	D-Off 100 HP		360

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.59	$1.62	**$24.21**	$14.14	$2.15	$0.00	$0.00	$24.19	**$40.48**	**$64.69**
Severe	$27.43	$1.65	**$29.08**	$18.70	$2.84	$0.00	$0.00	$35.66	**$57.20**	**$86.28**
Standby	$11.30	$1.62							**$12.92**	

* - Adjustable Elements

Region: 2
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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA020	311F RR	HYDRAULIC EXCAVATOR, CRAWLER, 29,000 LBS, 1.00 CY BUCKET, 18.3' MAX DIGGING DEPTH	$242,799	D-Off 74 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.42	$1.54	**$22.96**	$10.46	$1.59	$0.00	$0.00	$22.93	**$34.98**	**$57.94**
Severe	$26.01	$1.57	**$27.58**	$13.84	$2.10	$0.00	$0.00	$33.82	**$49.76**	**$77.34**
Standby	$10.71	$1.54							**$12.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA038	308	HYDRAULIC EXCAVATOR, CRAWLER, 20,100 LBS, 0.48 CY BUCKET, 15.25' MAX DIGGING DEPTH	$152,147	D-Off 74.3 HP		201

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.42	$0.96	**$14.38**	$10.50	$1.60	$0.00	$0.00	$14.37	**$26.47**	**$40.85**
Severe	$16.30	$0.98	**$17.28**	$13.89	$2.11	$0.00	$0.00	$21.19	**$37.19**	**$54.47**
Standby	$6.71	$0.96							**$7.67**	

* - Adjustable Elements

Region: 2
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

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC017	SK75SR-3E	HYDRAULIC EXCAVATOR, CRAWLER, 17,100 LBS, 0.46 CY BUCKET, 15' MAX DIGGING DEPTH	$158,344	D-Off 55 HP		191

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.97	$1.00	**$14.97**	$7.77	$1.18	$0.00	$0.00	$14.96	**$23.91**	**$38.88**
Severe	$16.97	$1.02	**$17.99**	$10.28	$1.56	$0.00	$0.00	$22.05	**$33.90**	**$51.89**
Standby	$6.99	$1.00							**$7.99**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC027	SK140SR LC-5	HYDRAULIC EXCAVATOR, CRAWLER, 33,100 LBS, 0.90 CY BUCKET, 19' 7" MAX DIGGING DEPTH	$188,506	D-Off 115 HP		331

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.63	$1.19	**$17.82**	$16.26	$2.47	$0.00	$0.00	$17.81	**$36.54**	**$54.36**
Severe	$20.20	$1.22	**$21.42**	$21.50	$3.27	$0.00	$0.00	$26.25	**$51.02**	**$72.44**
Standby	$8.32	$1.19							**$9.51**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM001	PC138USLC-11	HYDRAULIC EXCAVATOR, CRAWLER, 37,547 LBS, 0.34 CY - 1.0 CY BUCKET, 18.0' MAX DIGGING DEPTH	$218,719	D-Off 97.2 HP		376

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.30	$1.39	**$20.69**	$13.74	$2.09	$0.00	$0.00	$20.66	**$36.49**	**$57.18**
Severe	$23.43	$1.41	**$24.84**	$18.17	$2.76	$0.00	$0.00	$30.46	**$51.39**	**$76.23**
Standby	$9.65	$1.39							**$11.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM003	PC170LC-11	HYDRAULIC EXCAVATOR, CRAWLER, 43,115 LBS, 0.48 CY - 1.24 CY BUCKET, 19' 7" MAX DIGGING DEPTH	$208,902	D-Off 121 HP		431

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.43	$1.32	**$19.75**	$17.10	$2.60	$0.00	$0.00	$19.73	**$39.43**	**$59.18**
Severe	$22.38	$1.35	**$23.73**	$22.62	$3.44	$0.00	$0.00	$29.10	**$55.15**	**$78.88**
Standby	$9.22	$1.32							**$10.54**	

* - 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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LB003	145X3	HYDRAULIC EXCAVATOR, CRAWLER, 33,200 LBS, 0.98 CY BUCKET, 18' 1" MAX DIGGING DEPTH	$164,069	D-Off 100 HP		332

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.48	$1.04	**$15.52**	$14.14	$2.15	$0.00	$0.00	$15.50	**$31.79**	**$47.31**
Severe	$17.58	$1.06	**$18.64**	$18.70	$2.84	$0.00	$0.00	$22.85	**$44.39**	**$63.03**
Standby	$7.24	$1.04							**$8.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LB005	160X4	HYDRAULIC EXCAVATOR, CRAWLER, 38,400 LBS, 1.14 CY BUCKET, 19' 11" MAX DIGGING DEPTH	$170,081	D-Off 112 HP		384

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.01	$1.08	**$16.09**	$15.83	$2.41	$0.00	$0.00	$16.07	**$34.30**	**$50.39**
Severe	$18.22	$1.10	**$19.32**	$20.94	$3.18	$0.00	$0.00	$23.69	**$47.81**	**$67.13**
Standby	$7.51	$1.08							**$8.59**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS024	CX210D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 52,650 LBS, 1.48 CY BUCKET, 21.5' MAX DIGGING DEPTH	$313,540	D-Off 160 HP		489

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.60	$1.93	**$21.53**	$22.62	$3.44	$0.00	$0.00	$23.98	**$50.03**	**$71.56**
Severe	$23.52	$1.96	**$25.48**	$29.91	$4.55	$0.00	$0.00	$34.16	**$68.62**	**$94.10**
Standby	$9.80	$1.93							**$11.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS025	CX250D LONG REACH	HYDRAULIC EXCAVATOR, CRAWLER, 63,500 LBS, 1.02 CY BUCKET, 47.75' MAX DIGGING DEPTH	$409,673	D-Off 177 HP		569

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.60	$2.53	**$28.13**	$25.02	$3.80	$0.00	$0.00	$31.33	**$60.15**	**$88.28**
Severe	$30.73	$2.56	**$33.29**	$33.09	$5.03	$0.00	$0.00	$44.64	**$82.76**	**$116.05**
Standby	$12.80	$2.53							**$15.33**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS026	CX300D	HYDRAULIC EXCAVATOR, CRAWLER, 67,300 LBS, 2.03 CY BUCKET, 24.83' MAX DIGGING DEPTH	$425,843	D-Off 207 HP		673

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.62	$2.63	**$29.25**	$29.26	$4.45	$0.00	$0.00	$32.56	**$66.27**	**$95.52**
Severe	$31.94	$2.66	**$34.60**	$38.70	$5.88	$0.00	$0.00	$46.40	**$90.98**	**$125.58**
Standby	$13.31	$2.63							**$15.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS027	CX350D	HYDRAULIC EXCAVATOR, CRAWLER, 82,500 LBS, 2.33 CY BUCKET, 26.67' MAX DIGGING DEPTH	$468,208	D-Off 268 HP		825

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.26	$2.89	**$32.15**	$37.88	$5.76	$0.00	$0.00	$35.80	**$79.44**	**$111.59**
Severe	$35.12	$2.93	**$38.05**	$50.11	$7.62	$0.00	$0.00	$51.02	**$108.74**	**$146.79**
Standby	$14.63	$2.89							**$17.52**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA001	336	HYDRAULIC EXCAVATOR, CRAWLER, 82,000 LBS, 2.97 CY BUCKET, 24.6' MAX DIGGING DEPTH	$388,063	D-Off 147 HP		820

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.25	$2.39	**$26.64**	$20.78	$3.16	$0.00	$0.00	$29.67	**$53.61**	**$80.25**
Severe	$29.10	$2.43	**$31.53**	$27.48	$4.18	$0.00	$0.00	$42.28	**$73.94**	**$105.47**
Standby	$12.13	$2.39							**$14.52**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA022	320	HYDRAULIC EXCAVATOR, CRAWLER, 49,600 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH	$244,194	D-Off 174 HP		496

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.26	$1.51	**$16.77**	$24.60	$3.74	$0.00	$0.00	$18.67	**$47.01**	**$63.78**
Severe	$18.31	$1.53	**$19.84**	$32.53	$4.94	$0.00	$0.00	$26.61	**$64.08**	**$83.92**
Standby	$7.63	$1.51							**$9.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA040	318F	HYDRAULIC EXCAVATOR, CRAWLER, 42,300 LBS, 1.00 CY BUCKET, 21' 7" MAX DIGGING DEPTH	$247,225	D-Off 122 HP		423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.45	$1.53	**$16.98**	$17.25	$2.62	$0.00	$0.00	$18.90	**$38.78**	**$55.76**
Severe	$18.54	$1.55	**$20.09**	$22.81	$3.47	$0.00	$0.00	$26.94	**$53.22**	**$73.31**
Standby	$7.73	$1.53							**$9.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA041	323	HYDRAULIC EXCAVATOR, CRAWLER, 53,800 LBS, 0.69 CY BUCKET, 38.3' MAX DIGGING DEPTH	$301,050	D-Off 174 HP		538

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.82	$1.86	**$20.68**	$24.60	$3.74	$0.00	$0.00	$23.02	**$51.36**	**$72.04**
Severe	$22.58	$1.88	**$24.46**	$32.53	$4.94	$0.00	$0.00	$32.80	**$70.28**	**$94.74**
Standby	$9.41	$1.86							**$11.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA042	325FCR	HYDRAULIC EXCAVATOR, CRAWLER, 57,200 LBS, 1.56 CY BUCKET, 22' MAX DIGGING DEPTH	$300,111	D-Off 164 HP		572

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.76	$1.85	**$20.61**	$23.18	$3.52	$0.00	$0.00	$22.95	**$49.65**	**$70.26**
Severe	$22.51	$1.88	**$24.39**	$30.66	$4.66	$0.00	$0.00	$32.70	**$68.02**	**$92.41**
Standby	$9.38	$1.85							**$11.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA043	326F	HYDRAULIC EXCAVATOR, CRAWLER, 66,000 LBS, 0.69 CY BUCKET, 48.3' MAX DIGGING DEPTH	$298,747	D-Off 207 HP		662

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.67	$1.84	**$20.51**	$29.26	$4.45	$0.00	$0.00	$22.84	**$56.55**	**$77.06**
Severe	$22.41	$1.87	**$24.28**	$38.70	$5.88	$0.00	$0.00	$32.55	**$77.13**	**$101.41**
Standby	$9.34	$1.84							**$11.18**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA045	335F CR	HYDRAULIC EXCAVATOR, CRAWLER, 84,600 LBS, 2.01 CY BUCKET, 22.9' MAX DIGGING DEPTH	$395,683	D-Off 207 HP		846

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.73	$2.44	**$27.17**	$29.26	$4.45	$0.00	$0.00	$30.26	**$63.96**	**$91.13**
Severe	$29.68	$2.47	**$32.15**	$38.70	$5.88	$0.00	$0.00	$43.12	**$87.70**	**$119.85**
Standby	$12.37	$2.44							**$14.81**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA074	320	HYDRAULIC EXCAVATOR, CRAWLER, 46,600 LBS, 1.56 CY BUCKET, 37' 10" MAX DIGGING DEPTH	$276,833	D-Off 174 HP		496

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.30	$1.71	**$19.01**	$24.60	$3.74	$0.00	$0.00	$21.17	**$49.51**	**$68.52**
Severe	$20.76	$1.73	**$22.49**	$32.53	$4.94	$0.00	$0.00	$30.16	**$67.64**	**$90.13**
Standby	$8.65	$1.71							**$10.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC020	SK210 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 49,000 LBS, 0.91 CY BUCKET, 34' MAX DIGGING DEPTH	$240,777	D-Off 166 HP		494

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.05	$1.49	**$16.54**	$23.47	$3.57	$0.00	$0.00	$18.41	**$45.45**	**$61.99**
Severe	$18.06	$1.50	**$19.56**	$31.04	$4.72	$0.00	$0.00	$26.24	**$61.99**	**$81.55**
Standby	$7.53	$1.49							**$9.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC029	SK260 SRLC-10	HYDRAULIC EXCAVATOR, CRAWLER, 59,300 LBS, 1.22 CY BUCKET, 25' 2" MAX DIGGING DEPTH	$295,907	D-Off 185 HP		593

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.49	$1.83	**$20.32**	$26.15	$3.97	$0.00	$0.00	$22.63	**$52.75**	**$73.07**
Severe	$22.19	$1.85	**$24.04**	$34.59	$5.26	$0.00	$0.00	$32.24	**$72.09**	**$96.13**
Standby	$9.25	$1.83							**$11.08**	

* - Adjustable Elements

Region: 2
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

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC030	SK350 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 82,500 LBS, 2.75 CY BUCKET, 27'7" MAX DIGGING DEPTH	$436,997	D-Off 286 HP		825

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.31	$2.70	**$30.01**	$40.43	$6.14	$0.00	$0.00	$33.42	**$79.99**	**$110.00**
Severe	$32.77	$2.73	**$35.50**	$53.47	$8.13	$0.00	$0.00	$47.62	**$109.21**	**$144.71**
Standby	$13.66	$2.70							**$16.36**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC032	SK300 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 68,800 LBS 1.875 CY BUCKET, 26' 7" MAX DIGGING DEPTH	$338,695	D-Off 268 HP		688

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.17	$2.09	**$23.26**	$37.88	$5.76	$0.00	$0.00	$25.90	**$69.54**	**$92.80**
Severe	$25.40	$2.12	**$27.52**	$50.11	$7.62	$0.00	$0.00	$36.91	**$94.63**	**$122.15**
Standby	$10.59	$2.09							**$12.68**	

* - Adjustable Elements

Region: 2
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

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS028	CX490D	HYDRAULIC EXCAVATOR, CRAWLER, 109,300 LBS, 3.37 CY BUCKET, 30.17' MAX DIGGING DEPTH	$653,940	D-Off 362 HP		1093

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.73	$4.01	**$41.74**	$51.17	$2.45	$0.00	$0.00	$57.70	**$111.32**	**$153.06**
Severe	$40.87	$4.03	**$44.90**	$67.68	$3.24	$0.00	$0.00	$68.76	**$139.68**	**$184.58**
Standby	$18.87	$4.01							**$22.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CS029	CX750D	HYDRAULIC EXCAVATOR, CRAWLER, 153,400 LBS, 4.2 CY BUCKET, 32.33' MAX DIGGING DEPTH	$879,373	D-Off 463 HP		596

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$50.73	$5.40	**$56.13**	$65.45	$3.14	$0.00	$0.00	$77.59	**$146.17**	**$202.30**
Severe	$54.96	$5.42	**$60.38**	$86.56	$4.15	$0.00	$0.00	$92.46	**$183.17**	**$243.55**
Standby	$25.37	$5.40							**$30.77**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA002	349	HYDRAULIC EXCAVATOR, CRAWLER, 105,00 LBS, 3.52 CY BUCKET, 27' MAX DIGGING DEPTH	$452,897	D-Off 424 HP		1053

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.13	$2.78	**$28.91**	$59.94	$2.87	$0.00	$0.00	$39.96	**$102.77**	**$131.68**
Severe	$28.31	$2.79	**$31.10**	$79.27	$3.80	$0.00	$0.00	$47.62	**$130.69**	**$161.79**
Standby	$13.07	$2.78							**$15.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA003	352	HYDRAULIC EXCAVATOR, CRAWLER, 115,700 LBS, 5.00 CY BUCKET, 26' 5" MAX DIGGING DEPTH	$476,825	D-Off 432 HP		1157

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.51	$2.93	**$30.44**	$61.07	$2.93	$0.00	$0.00	$42.07	**$106.07**	**$136.51**
Severe	$29.80	$2.94	**$32.74**	$80.77	$3.87	$0.00	$0.00	$50.13	**$134.78**	**$167.52**
Standby	$13.76	$2.93							**$16.69**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA004	374	HYDRAULIC EXCAVATOR, CRAWLER, 166,000 LBS, 5.0 CY BUCKET, 28' MAX DIGGING DEPTH	$768,479	D-Off 485 HP		1657

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.34	$4.72	**$49.06**	$68.56	$3.29	$0.00	$0.00	$67.80	**$139.65**	**$188.71**
Severe	$48.03	$4.74	**$52.77**	$90.68	$4.35	$0.00	$0.00	$80.80	**$175.83**	**$228.60**
Standby	$22.17	$4.72							**$26.89**	

KOBELCO AMERICA INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KC031	SK500 LC-10	HYDRAULIC EXCAVATOR, CRAWLER, 114,000 LBS 4.26 CY BUCKET, 30' 5" MAX DIGGING DEPTH	$617,065	D-Off 369 HP		1140

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$35.60	$3.79	**$39.39**	$52.16	$2.50	$0.00	$0.00	$54.44	**$109.10**	**$148.49**
Severe	$38.57	$3.81	**$42.38**	$68.99	$3.31	$0.00	$0.00	$64.88	**$137.18**	**$179.56**
Standby	$17.80	$3.79							**$21.59**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

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

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM015	PC650LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 139,330 LBS, 4.98 CY BUCKET, 27' 10" MAX DIGGING DEPTH	$1,544,551	D-Off 429 HP		1464

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$89.11	$9.48	**$98.59**	$60.64	$2.91	$0.00	$0.00	$136.28	**$199.82**	**$298.41**
Severe	$96.53	$9.53	**$106.06**	$80.21	$3.85	$0.00	$0.00	$162.40	**$246.45**	**$352.51**
Standby	$44.56	$9.48							**$54.04**	

H25 0.14 OVER 160,000 LBS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA005	390F	HYDRAULIC EXCAVATOR, CRAWLER, 192,000 LBS, 6.0 CY BUCKET, 35' 3" MAX DIGGING DEPTH	$1,218,014	D-Off 524 HP		1902

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$48.08	$7.33	**$55.41**	$74.07	$3.85	$0.00	$0.00	$80.88	**$158.81**	**$214.22**
Severe	$60.90	$7.41	**$68.31**	$97.97	$5.10	$0.00	$0.00	$116.42	**$219.49**	**$287.80**
Standby	$24.04	$7.33							**$31.37**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA101	395	HYDRAULIC EXCAVATOR, CRAWLER, 209,300 LBS, 8.5 CY BUCKET, 23' 4" MAX DIGGING DEPTH	$979,096	D-Off 543 HP		2093

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.65	$5.89	**$44.54**	$76.76	$3.99	$0.00	$0.00	$65.02	**$145.77**	**$190.31**
Severe	$48.95	$5.96	**$54.91**	$101.52	$5.28	$0.00	$0.00	$93.58	**$200.39**	**$255.30**
Standby	$19.33	$5.89							**$25.22**	

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM009	PC 800 LC-8	HYDRAULIC EXCAVATOR, CRAWLER, 184,705 LBS, 6.0 CY BUCKET, 28' 3" MAX DIGGING DEPTH	$1,286,576	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	$7.74	**$58.53**	$68.84	$3.58	$0.00	$0.00	$85.43	**$157.86**	**$216.39**
Severe	$64.33	$7.83	**$72.16**	$91.05	$4.74	$0.00	$0.00	$122.97	**$218.76**	**$290.92**
Standby	$25.40	$7.74							**$33.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.14 OVER 160,000 LBS

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25KM035	PC1250SP-11	HYDRAULIC EXCAVATOR, CRAWLER, 265,000 LBS, 4.1 CY - 11.9 CY BUCKET, 26' MAX DIGGING DEPTH	$1,582,290	D-Off 758 HP		2726

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$62.46	$9.52	**$71.98**	$107.15	$5.57	$0.00	$0.00	$105.07	**$217.80**	**$289.78**
Severe	$79.11	$9.63	**$88.74**	$141.72	$7.37	$0.00	$0.00	$151.24	**$300.33**	**$389.07**
Standby	$31.23	$9.52							**$40.75**	

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA055	S305	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 15.7" JAW OPENING (ADD 14,000 - 20,000 LB HYDRAULIC EXCAVATOR)	$55,555			33

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.87	$0.35	**$8.22**	$0.00	$0.40	$0.00	$0.00	$9.77	**$10.17**	**$18.39**
Standby	$3.94	$0.35							**$4.29**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA057	S3025	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 18" JAW OPENING (ADD 22,000 - 30,000 LB HYDRAULIC EXCAVATOR)	$80,988			54

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.47	$0.50	**$11.97**	$0.00	$0.80	$0.00	$0.00	$14.24	**$15.04**	**$27.01**
Standby	$5.74	$0.50							**$6.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA066	S3035	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, SCRAP, 21.3" JAW OPENING (ADD 32,000 - 40,000 LB HYDRAULIC EXCAVATOR)	$105,788			76

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.99	$0.66	**$15.65**	$0.00	$0.00	$0.00	$0.00	$18.61	**$18.61**	**$34.26**
Standby	$7.50	$0.66							**$8.16**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU001	MSD 7	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 10" JAW OPENING (ADD 10,000 LB HYDRAULIC EXCAVATOR)	$33,532			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.75	$0.21	**$4.96**	$0.00	$0.40	$0.00	$0.00	$5.90	**$6.30**	**$11.26**
Standby	$2.38	$0.21							**$2.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU002	MSD 7R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 10" JAW OPENING (ADD 14,000 LB HYDRAULIC EXCAVATOR)	$37,920			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.37	$0.24	**$5.61**	$0.00	$0.50	$0.00	$0.00	$6.67	**$7.17**	**$12.78**
Standby	$2.69	$0.24							**$2.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU003	MSD 800	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 15" JAW OPENING (ADD 20,000 LB HYDRAULIC EXCAVATOR)	$77,627			23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.00	$0.48	**$11.48**	$0.00	$0.80	$0.00	$0.00	$13.65	**$14.45**	**$25.93**
Standby	$5.50	$0.48							**$5.98**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU004	MSD 800R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 15" JAW OPENING (ADD 25,000 LB HYDRAULIC EXCAVATOR)	$86,835			28

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.30	$0.54	**$12.84**	$0.00	$0.90	$0.00	$0.00	$15.27	**$16.17**	**$29.01**
Standby	$6.15	$0.54							**$6.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU005	MSD 1000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 19" JAW OPENING (ADD 35,000 LB HYDRAULIC EXCAVATOR)	$104,959			42

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.87	$0.65	**$15.52**	$0.00	$1.10	$0.00	$0.00	$18.46	**$19.56**	**$35.08**
Standby	$7.44	$0.65							**$8.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU006	MSD 1000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 19" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)	$113,982			44

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.15	$0.71	**$16.86**	$0.00	$1.50	$0.00	$0.00	$20.05	**$21.55**	**$38.41**
Standby	$8.08	$0.71							**$8.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU007	MSD 1500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 22" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)	$129,011			70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.28	$0.80	**$19.08**	$0.00	$1.40	$0.00	$0.00	$22.69	**$24.09**	**$43.17**
Standby	$9.14	$0.80							**$9.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU008	MSD 1500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 22" JAW OPENING (ADD 65,000 LB HYDRAULIC EXCAVATOR)	$152,098			74

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.55	$0.95	**$22.50**	$0.00	$1.60	$0.00	$0.00	$26.75	**$28.35**	**$50.85**
Standby	$10.78	$0.95							**$11.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU009	MSD 2000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 28" JAW OPENING (ADD 70,000 LB HYDRAULIC EXCAVATOR)	$143,572			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.34	$0.89	**$21.23**	$0.00	$1.70	$0.00	$0.00	$25.25	**$26.95**	**$48.18**
Standby	$10.17	$0.89							**$11.06**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU010	MSD 2000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 28" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)	$182,520			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.86	$1.14	**$27.00**	$0.00	$2.00	$0.00	$0.00	$32.10	**$34.10**	**$61.10**
Standby	$12.93	$1.14							**$14.07**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU011	MSD 2500	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 32" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)	$202,117			119

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.63	$1.26	**$29.89**	$0.00	$2.00	$0.00	$0.00	$35.55	**$37.55**	**$67.44**
Standby	$14.32	$1.26							**$15.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU012	MSD 2500R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 32" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)	$241,314			148

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.19	$1.50	**$35.69**	$0.00	$2.50	$0.00	$0.00	$42.44	**$44.94**	**$80.63**
Standby	$17.10	$1.50							**$18.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU013	MSD 3000	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 35" JAW OPENING (ADD 145,000 LB HYDRAULIC EXCAVATOR)	$241,148			142

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.16	$1.50	**$35.66**	$0.00	$2.60	$0.00	$0.00	$42.42	**$45.02**	**$80.68**
Standby	$17.08	$1.50							**$18.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU014	MSD 3000R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 35" JAW OPENING (ADD 160,000 LB HYDRAULIC EXCAVATOR)	$288,002			171

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.80	$1.79	**$42.59**	$0.00	$3.00	$0.00	$0.00	$50.66	**$53.66**	**$96.25**
Standby	$20.40	$1.79							**$22.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU055	MSD 2250	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, 30" JAW OPENING (ADD 90,000 LB HYDRAULIC EXCAVATOR)	$176,665			106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.03	$1.10	**$26.13**	$0.00	$2.60	$0.00	$0.00	$31.07	**$33.67**	**$59.80**
Standby	$12.52	$1.10							**$13.62**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.21 EXCAVATOR ATTACHMENTS, MOBILE SHEARS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU056	MSD 2250R	HYDRAULIC EXCAVATOR, ATTACHMENT, MOBILE SHEARS, ROTATING, 30" JAW OPENING (ADD 110,000 LB HYDRAULIC EXCAVATOR)	$215,539			127

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.53	$1.34	**$31.87**	$0.00	$2.60	$0.00	$0.00	$37.91	**$40.51**	**$72.38**
Standby	$15.27	$1.34							**$16.61**	

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25DX001	30X1.63-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.63 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)	$20,388			39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.72	$0.13	**$2.85**	$0.00	$0.00	$0.00	$0.00	$3.19	**$3.19**	**$6.04**
Standby	$1.36	$0.13							**$1.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25DX002	42X1.88-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 1.88 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)	$22,699			43

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.03	$0.15	**$3.18**	$0.00	$0.00	$0.00	$0.00	$3.55	**$3.55**	**$6.73**
Standby	$1.52	$0.15							**$1.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25DX003	48X2.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 2.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)	$24,285			46

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.24	$0.16	**$3.40**	$0.00	$0.00	$0.00	$0.00	$3.80	**$3.80**	**$7.20**
Standby	$1.62	$0.16							**$1.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25DX004	54X3.00-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.00 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)	$26,394			50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.52	$0.17	**$3.69**	$0.00	$0.00	$0.00	$0.00	$4.13	**$4.13**	**$7.82**
Standby	$1.76	$0.17							**$1.93**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25DX005	60X3.25-HX-45T	HYDRAULIC EXCAVATOR, ATTACHMENT, ROCK BUCKET, 3.25 CY BUCKET, W/TIPS (ADD 35-50 TON HYDRAULIC EXCAVATOR)	$30,089			57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.01	$0.19	**$4.20**	$0.00	$0.00	$0.00	$0.00	$4.70	**$4.70**	**$8.90**
Standby	$2.01	$0.19							**$2.20**	

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU023	TW 100	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 1.25CY, 4-TINE/ 5-TINE (ADD 25,000 LB HYDRAULIC EXCAVATOR)	$42,200			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.63	$0.27	**$5.90**	$0.00	$0.25	$0.00	$0.00	$6.60	**$6.85**	**$12.75**
Standby	$2.82	$0.27							**$3.09**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU024	HDR 30S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 25,000-35,000 LB HYDRAULIC EXCAVATOR)	$17,702			17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.36	$0.11	**$2.47**	$0.00	$0.30	$0.00	$0.00	$2.77	**$3.07**	**$5.54**
Standby	$1.18	$0.11							**$1.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU025	HDR 40S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 35,000-45,000 LB HYDRAULIC EXCAVATOR)	$23,000			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.07	$0.15	**$3.22**	$0.00	$0.40	$0.00	$0.00	$3.60	**$4.00**	**$7.22**
Standby	$1.54	$0.15							**$1.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU026	HDR 50S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 45,000-65,000 LB HYDRAULIC EXCAVATOR)	$28,864			38

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.85	$0.18	**$4.03**	$0.00	$0.50	$0.00	$0.00	$4.51	**$5.01**	**$9.04**
Standby	$1.93	$0.18							**$2.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU027	HDR 70S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 65,000-85,000 LB HYDRAULIC EXCAVATOR)	$31,954			55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.26	$0.20	**$4.46**	$0.00	$0.60	$0.00	$0.00	$5.00	**$5.60**	**$10.06**
Standby	$2.13	$0.20							**$2.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU028	HDR 170C	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 9.00CY, 4-TINE/ 5-TINE (ADD 100,000 LB HYDRAULIC EXCAVATOR)	$70,309			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.37	$0.45	**$9.82**	$0.00	$0.70	$0.00	$0.00	$10.99	**$11.69**	**$21.51**
Standby	$4.69	$0.45							**$5.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU036	RDG 120	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, ROTATING GRAPPLE, 2.00 CY (ADD 120,000-160,000 LB HYDRAULIC EXCAVATOR)	$102,898			100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.72	$0.66	**$14.38**	$0.00	$1.00	$0.00	$0.00	$16.09	**$17.09**	**$31.47**
Standby	$6.86	$0.66							**$7.52**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU057	HDR 100S	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, GRAPPLE, 2-TINE/3-TINE (ADD 85,000-110,000 LB HYDRAULIC EXCAVATOR)	$40,136			63

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.35	$0.26	**$5.61**	$0.00	$0.60	$0.00	$0.00	$6.28	**$6.88**	**$12.49**
Standby	$2.68	$0.26							**$2.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.22 EXCAVATOR ATTACHMENTS, MATERIAL HANDLING

ROCKLAND MANUFACTURING COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25RZ001	EPR-B2-36	HYDRAULIC EXCAVATOR, ATTACHMENT, MATERIAL HANDLING, BUCKET, 36" CONCRETE/PAVEMENT REMOVAL (ADD 75,000 LB HYDRAULIC EXCAVATOR)	$11,113			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.48	$0.07	**$1.55**	$0.00	$0.00	$0.00	$0.00	$1.74	**$1.74**	**$3.29**
Standby	$0.74	$0.07							**$0.81**	

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25CA068	P215	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRUSHER, 33.0" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)	$51,323			37

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.27	$0.32	**$7.59**	$0.00	$0.00	$0.00	$0.00	$10.03	**$10.03**	**$17.62**
Standby	$3.64	$0.32							**$3.96**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA069	P225	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40.1" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)	$61,467			55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.71	$0.38	**$9.09**	$0.00	$0.00	$0.00	$0.00	$12.01	**$12.01**	**$21.10**
Standby	$4.36	$0.38							**$4.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25CA070	P235	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 47.8" JAW OPENING (ADD 40,000 LB MIN HYDRAULIC EXCAVATOR)	$86,129			88

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.20	$0.54	**$12.74**	$0.00	$0.00	$0.00	$0.00	$16.83	**$16.83**	**$29.57**
Standby	$6.10	$0.54							**$6.64**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

FURUKAWA CO.,LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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)	$39,443			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.59	$0.25	**$5.84**	$0.00	$0.50	$0.00	$0.00	$7.71	**$8.21**	**$14.05**
Standby	$2.80	$0.25							**$3.05**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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)	$58,753			38

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.32	$0.37	**$8.69**	$0.00	$0.50	$0.00	$0.00	$11.48	**$11.98**	**$20.67**
Standby	$4.16	$0.37							**$4.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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)	$129,911			103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.40	$0.81	**$19.21**	$0.00	$1.00	$0.00	$0.00	$25.39	**$26.39**	**$45.60**
Standby	$9.20	$0.81							**$10.01**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU040	UPX 250 SH	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 45" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)	$139,903			63

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.82	$0.87	**$20.69**	$0.00	$0.75	$0.00	$0.00	$27.34	**$28.09**	**$48.78**
Standby	$9.91	$0.87							**$10.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25LU041	UPX 450 SH	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 49" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)	$204,378			106

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.95	$1.27	**$30.22**	$0.00	$0.75	$0.00	$0.00	$39.94	**$40.69**	**$70.91**
Standby	$14.48	$1.27							**$15.75**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU042	UPX 950	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, CRACKING JAWS, 62" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)	$304,450			190

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$43.13	$1.89	**$45.02**	$0.00	$1.50	$0.00	$0.00	$59.50	**$61.00**	**$106.02**
Standby	$21.57	$1.89							**$23.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU046	CP 40 C	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 30" JAW OPENING (ADD 40,000 LB HYDRAULIC EXCAVATOR)	$41,312			29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.85	$0.26	**$6.11**	$0.00	$0.50	$0.00	$0.00	$8.07	**$8.57**	**$14.68**
Standby	$2.93	$0.26							**$3.19**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU047	CP 60 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 60,000 LB HYDRAULIC EXCAVATOR)	$48,798			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.91	$0.30	**$7.21**	$0.00	$0.60	$0.00	$0.00	$9.54	**$10.14**	**$17.35**
Standby	$3.46	$0.30							**$3.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU048	CP 80 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 42" JAW OPENING (ADD 75,000 LB HYDRAULIC EXCAVATOR)	$52,336			45

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.41	$0.33	**$7.74**	$0.00	$0.70	$0.00	$0.00	$10.23	**$10.93**	**$18.67**
Standby	$3.71	$0.33							**$4.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU049	CP 100 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 48" JAW OPENING (ADD 100,000 LB HYDRAULIC EXCAVATOR)	$63,387			62

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.98	$0.39	**$9.37**	$0.00	$0.80	$0.00	$0.00	$12.39	**$13.19**	**$22.56**
Standby	$4.49	$0.39							**$4.88**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.23 EXCAVATOR ATTACHMENTS, CONCRETE PULVERIZERS

LABOUNTY MANUFACTURING,

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU050	CP 120 S	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 54" JAW OPENING (ADD 140,000 LB HYDRAULIC EXCAVATOR)	$100,414			100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.23	$0.62	**$14.85**	$0.00	$0.90	$0.00	$0.00	$19.62	**$20.52**	**$35.37**
Standby	$7.12	$0.62							**$7.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU053	UP 45 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 36" JAW OPENING (ADD 55,000 LB HYDRAULIC EXCAVATOR)	$141,064			105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.98	$0.88	**$20.86**	$0.00	$0.75	$0.00	$0.00	$27.57	**$28.32**	**$49.18**
Standby	$9.99	$0.88							**$10.87**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25LU054	UP 75 SV	HYDRAULIC EXCAVATOR, ATTACHMENT, CONCRETE PULVERIZER, 40" JAW OPENING (ADD 80,000 LB HYDRAULIC EXCAVATOR)	$204,930			126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.03	$1.27	**$30.30**	$0.00	$0.75	$0.00	$0.00	$40.05	**$40.80**	**$71.10**
Standby	$14.52	$1.27							**$15.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ALLIED CONSTRUCTION PRODUCTS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$6,766			11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.96	$0.04	**$1.00**	$0.00	$0.00	$0.00	$0.00	$1.32	**$1.32**	**$2.32**
Standby	$0.48	$0.04							**$0.52**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$9,675			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.37	$0.06	**$1.43**	$0.00	$0.00	$0.00	$0.00	$1.89	**$1.89**	**$3.32**
Standby	$0.69	$0.06							**$0.75**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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)	$13,534			22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.92	$0.08	**$2.00**	$0.00	$0.00	$0.00	$0.00	$2.64	**$2.64**	**$4.64**
Standby	$0.96	$0.08							**$1.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

ALLIED CONSTRUCTION PRODUCTS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25AU010	HO-PAC 4000	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 50" X 42" PLATE, 40,000 LBS FORCE (ADD 70,000-120,000 LB HYDRAULIC EXCAVATOR)	$23,263			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.30	$0.14	**$3.44**	$0.00	$0.00	$0.00	$0.00	$4.55	**$4.55**	**$7.99**
Standby	$1.65	$0.14							**$1.79**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25AU011	HO-PAC 700B	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 18" X 27" PLATE, 6,400 LBS FORCE (ADD 7,000-15,000 LB HYDRAULIC EXCAVATOR)	$5,705			6

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	$0.00	$0.00	$0.00	$1.11	**$1.11**	**$1.96**
Standby	$0.41	$0.04							**$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.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX001	DC-24BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 38" DIA (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)	$12,334			25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.75	$0.08	**$1.83**	$0.00	$0.00	$0.00	$0.00	$2.41	**$2.41**	**$4.24**
Standby	$0.88	$0.08							**$0.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX002	DC-36BL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 38" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)	$13,996			33

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.98	$0.09	**$2.07**	$0.00	$0.00	$0.00	$0.00	$2.74	**$2.74**	**$4.81**
Standby	$0.99	$0.09							**$1.08**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX003	DC-24EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)	$15,303			33

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.17	$0.10	**$2.27**	$0.00	$0.00	$0.00	$0.00	$2.99	**$2.99**	**$5.26**
Standby	$1.09	$0.10							**$1.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX004	DC-36EX	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 35" WIDE, SHEEPS FOOT, 4 RIMS - 42" DIA (ADD 50,000-75,000 LB HYDRAULIC EXCAVATOR)	$17,936			43

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.54	$0.11	**$2.65**	$0.00	$0.00	$0.00	$0.00	$3.51	**$3.51**	**$6.16**
Standby	$1.27	$0.11							**$1.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

AMERICAN COMPACTION EQUIPMENT, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX005	DC-24EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 23" WIDE, SHEEPS FOOT, 3 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)	$19,135			39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.71	$0.12	**$2.83**	$0.00	$0.00	$0.00	$0.00	$3.74	**$3.74**	**$6.57**
Standby	$1.36	$0.12							**$1.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25AX006	DC-36EXL	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPS FOOT, 4 RIMS - 48" DIA (ADD 75,000-110,000 LB HYDRAULIC EXCAVATOR)	$23,054			53

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.27	$0.14	**$3.41**	$0.00	$0.00	$0.00	$0.00	$4.51	**$4.51**	**$7.92**
Standby	$1.64	$0.14							**$1.78**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H25 HYDRAULIC EXCAVATORS, CRAWLER MOUNTED

H25 0.24 EXCAVATOR ATTACHMENTS, COMPACTORS

FURUKAWA CO.,LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25FU004	HP35ME	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 12" X 36" PLATE, 3000 LB FORCE (ADD 14,000-25,000 LB HYDRAULIC EXCAVATOR)	$5,512			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.78	$0.03	**$0.81**	$0.00	$0.15	$0.00	$0.00	$1.08	**$1.23**	**$2.04**
Standby	$0.39	$0.03							**$0.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25FU005	HP135II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 28" X 40" PLATE, 13,500 LB FORCE (ADD 25,000-50,000 LB HYDRAULIC EXCAVATOR)	$10,954			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.55	$0.07	**$1.62**	$0.00	$0.15	$0.00	$0.00	$2.14	**$2.29**	**$3.91**
Standby	$0.78	$0.07							**$0.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25FU006	HP210II	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 34" X 46" PLATE, 21,000 LB FORCE (ADD 40,000-75,000 LB HYDRAULIC EXCAVATOR)	$15,582			22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.21	$0.10	**$2.31**	$0.00	$0.15	$0.00	$0.00	$3.05	**$3.20**	**$5.51**
Standby	$1.11	$0.10							**$1.21**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25RZ002	WI24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)	$10,142			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.44	$0.06	**$1.50**	$0.00	$0.00	$0.00	$0.00	$1.98	**$1.98**	**$3.48**
Standby	$0.72	$0.06							**$0.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25RZ003	WI36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36" WIDE, SHEEPSFOOT, 4 RIMS (ADD 15-22.5 TON HYDRAULIC EXCAVATOR)	$11,775			25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.67	$0.07	**$1.74**	$0.00	$0.00	$0.00	$0.00	$2.30	**$2.30**	**$4.04**
Standby	$0.84	$0.07							**$0.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
H25RZ004	WE24-3	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 24" WIDE, SHEEPSFOOT, 3 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)	$12,515			29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.77	$0.08	**$1.85**	$0.00	$0.00	$0.00	$0.00	$2.45	**$2.45**	**$4.30**
Standby	$0.89	$0.08							**$0.97**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H25RZ005	WE36-4	HYDRAULIC EXCAVATOR, ATTACHMENT, COMPACTOR, 36'' WIDE, SHEEPSFOOT, 4 RIMS (ADD 22.5-30 TON HYDRAULIC EXCAVATOR)	$15,382			36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.18	$0.10	**$2.28**	$0.00	$0.00	$0.00	$0.00	$3.01	**$3.01**	**$5.29**
Standby	$1.09	$0.10							**$1.19**	

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA001	M314F	HYDRAULIC EXCAVATORS, WHEEL, 0.69 CY BUCKET, TELESCOPIC BOOM, 19' DIGGING DEPTH, AWD	$260,773	D-Off 148 HP		322

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.19	$1.66	**$25.85**	$19.57	$2.81	$0.60	$0.09	$18.55	**$41.62**	**$67.47**
Severe	$29.77	$1.70	**$31.47**	$24.97	$3.59	$2.02	$0.31	$25.11	**$56.00**	**$87.47**
Standby	$12.10	$1.66							**$13.76**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA007	M315F	HYDRAULIC EXCAVATORS, WHEEL, 34,800 LBS, 0.84 CY BUCKET, 1-PIECE BOOM, 18.3' MAX DIG DEPTH, 4X4	$245,889	D-Off 150 HP		348

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.79	$1.57	**$24.36**	$19.84	$2.85	$0.60	$0.09	$17.48	**$40.86**	**$65.22**
Severe	$28.05	$1.60	**$29.65**	$25.31	$3.64	$2.02	$0.31	$23.66	**$54.94**	**$84.59**
Standby	$11.40	$1.57							**$12.97**	

GRADALL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30GA009	XL 4100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 19' 11" MAX DIGGING DEPTH, 6X6	$438,101	D-On 262 HP		509

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.21	$2.79	**$43.00**	$41.41	$5.96	$1.82	$0.28	$30.91	**$80.37**	**$123.37**
Severe	$49.49	$2.85	**$52.34**	$52.83	$7.60	$5.95	$0.91	$41.85	**$109.14**	**$161.48**
Standby	$20.11	$2.79							**$22.90**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

H30 HYDRAULIC EXCAVATORS, WHEEL MOUNTED

H30 0.01 0 THRU 1.0 CY

GRADALL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30GA010	XL 3100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1 CY BUCKET, TELESCOPIC BOOM, 18' 11" MAX DIGGING DEPTH, 4X4	$375,606	D-On 235 HP		417

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.64	$2.39	**$37.03**	$37.14	$5.34	$1.13	$0.17	$26.60	**$70.38**	**$107.41**
Severe	$42.63	$2.45	**$45.08**	$47.39	$6.82	$3.60	$0.55	$36.01	**$94.37**	**$139.45**
Standby	$17.32	$2.39							**$19.71**	

H30 0.02 OVER 1.0 CY

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA002	M316F	HYDRAULIC EXCAVATORS, WHEEL, 1.43 CY BUCKET, TELESCOPIC BOOM, 20' DIGGING DEPTH, AWD	$286,219	D-Off 148 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.05	$1.79	**$22.84**	$19.57	$2.81	$1.20	$0.18	$19.41	**$43.18**	**$66.02**
Severe	$26.32	$1.82	**$28.14**	$24.97	$3.59	$4.04	$0.62	$26.29	**$59.50**	**$87.64**
Standby	$10.53	$1.79							**$12.32**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA003	M318F	HYDRAULIC EXCAVATORS, WHEEL, 38,000 LBS, 1.43 CY BUCKET, 1-PIECE BOOM, 19.5' DIGGING DEPTH, 4X4	$347,032	D-Off 169 HP		380

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.61	$2.17	**$27.78**	$22.35	$3.21	$1.20	$0.18	$23.60	**$50.54**	**$78.32**
Severe	$32.02	$2.21	**$34.23**	$28.51	$4.10	$4.04	$0.62	$31.96	**$69.22**	**$103.45**
Standby	$12.81	$2.17							**$14.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA004	M320F	HYDRAULIC EXCAVATORS, WHEEL, 1.54 CY BUCKET. TELESCOPIC BOOM, 20' 9" DIGGING DEPTH, AWD	$324,520	D-Off 174 HP		408

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.93	$2.03	**$25.96**	$23.01	$3.31	$1.20	$0.18	$22.05	**$49.75**	**$75.71**
Severe	$29.91	$2.07	**$31.98**	$29.36	$4.22	$4.04	$0.62	$29.86	**$68.09**	**$100.07**
Standby	$11.97	$2.03							**$14.00**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30CA006	M322F	HYDRAULIC EXCAVATORS, WHEEL, 1.87 CY BUCKET. TELESCOPIC BOOM, 21' 10" DIGGING DEPTH, AWD	$363,339	D-Off 173 HP		459

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.73	$2.27	**$29.00**	$22.88	$3.29	$1.51	$0.23	$24.65	**$52.56**	**$81.56**
Severe	$33.41	$2.32	**$35.73**	$29.19	$4.20	$5.08	$0.78	$33.38	**$72.62**	**$108.35**
Standby	$13.37	$2.27							**$15.64**	

GRADALL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H30GA011	XL 5100 IV	GRADALL, HYDRAULIC EXCAVATORS, WHEEL, 1.50 CY BUCKET, TELESCOPIC BOOM, 24' 1" DIGGING DEPTH, 6X6	$492,387	D-On 282 HP		584

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.22	$3.08	**$39.30**	$44.57	$6.41	$1.86	$0.28	$33.40	**$86.52**	**$125.82**
Severe	$45.27	$3.14	**$48.41**	$56.87	$8.18	$6.07	$0.93	$45.22	**$117.27**	**$165.68**
Standby	$18.11	$3.08							**$21.19**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H35HI006	EX1200-7	HYDRAULIC SHOVEL, CRAWLER, 8.5 CY BUCKET, FRONT SHOVEL, 17' 3" DIGGING DEPTH	$1,737,527	D-Off 760 HP		2602

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$99.29	$10.26	**$109.55**	$107.43	$5.59	$0.00	$0.00	$170.82	**$283.84**	**$393.39**
Severe	$106.92	$10.31	**$117.23**	$142.09	$7.39	$0.00	$0.00	$199.29	**$348.77**	**$466.00**
Standby	$49.65	$10.26							**$59.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
H35HI007	EX1900-6	HYDRAULIC SHOVEL, CRAWLER, 15.7 CY BUCKET, FRONT SHOVEL, 35' 3" MAX DIGGING DEPTH	$2,463,797	D-Off 1086 HP		4233

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$140.79	$14.54	**$155.33**	$153.52	$7.99	$0.00	$0.00	$242.22	**$403.73**	**$559.06**
Severe	$151.62	$14.62	**$166.24**	$203.04	$10.56	$0.00	$0.00	$282.60	**$496.20**	**$662.44**
Standby	$70.40	$14.54							**$84.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10BU005	CBH315FB-2	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 5' WIDE-SIDE MTD (ADD FARM 50 HP TRACTOR)	$4,853			22

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	$2.00	$0.00	$0.00	$0.51	**$2.51**	**$2.93**
Severe	$0.55	$0.03	**$0.58**	$0.00	$2.00	$0.00	$0.00	$0.81	**$2.81**	**$3.39**
Standby	$0.20	$0.03							**$0.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10BU010	C327FB	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 7' WIDE, 1.5" - 10.5" CUT HEIGHT (ADD FARM 55 HP TRACTOR)	$10,016			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.80	$0.06	**$0.86**	$0.00	$2.50	$0.00	$0.00	$1.06	**$3.56**	**$4.42**
Severe	$1.14	$0.06	**$1.20**	$0.00	$2.50	$0.00	$0.00	$1.67	**$4.17**	**$5.37**
Standby	$0.40	$0.06							**$0.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10BU011	3810	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 10.5' WIDE, 2 - 13" CUT HEIGHT (ADD FARM 70 HP TRACTOR)	$28,147			28

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.25	$0.17	**$2.42**	$0.00	$3.00	$0.00	$0.00	$2.97	**$5.97**	**$8.39**
Severe	$3.22	$0.18	**$3.40**	$0.00	$3.00	$0.00	$0.00	$4.71	**$7.71**	**$11.11**
Standby	$1.13	$0.17							**$1.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10BU014	2815	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 15' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 60 HP TRACTOR)	$31,373			45

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.51	$0.19	**$2.70**	$0.00	$3.00	$0.00	$0.00	$3.30	**$6.30**	**$9.00**
Severe	$3.59	$0.20	**$3.79**	$0.00	$3.00	$0.00	$0.00	$5.25	**$8.25**	**$12.04**
Standby	$1.26	$0.19							**$1.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

BUSH HOG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10BU015	2820	LAND CLEARING EQUIPMENT, ROTARY CUTTER, 20' CUTTING WIDTH, 2" - 14" CUTTING HEIGHT (ADD FARM 90 HP TRACTOR)	$39,130			59

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.13	$0.24	**$3.37**	$0.00	$3.50	$0.00	$0.00	$4.12	**$7.62**	**$10.99**
Severe	$4.47	$0.25	**$4.72**	$0.00	$3.50	$0.00	$0.00	$6.54	**$10.04**	**$14.76**
Standby	$1.57	$0.24							**$1.81**	

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10DX001	136IN-TD-10	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 136" WIDE (ADD 250 HP DOZER)	$31,725			53

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.54	$0.19	**$2.73**	$0.00	$0.00	$0.00	$0.00	$3.34	**$3.34**	**$6.07**
Severe	$3.63	$0.20	**$3.83**	$0.00	$0.00	$0.00	$0.00	$5.30	**$5.30**	**$9.13**
Standby	$1.27	$0.19							**$1.46**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10DX002	156IN-TD-20	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 156" WIDE (ADD 300 HP DOZER)	$38,309			64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.06	$0.23	**$3.29**	$0.00	$0.00	$0.00	$0.00	$4.04	**$4.04**	**$7.33**
Severe	$4.38	$0.24	**$4.62**	$0.00	$0.00	$0.00	$0.00	$6.41	**$6.41**	**$11.03**
Standby	$1.53	$0.23							**$1.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10DX003	158IN-TD-30	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 158" WIDE (ADD 400 HP DOZER)	$53,972			84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.32	$0.33	**$4.65**	$0.00	$0.00	$0.00	$0.00	$5.69	**$5.69**	**$10.34**
Severe	$6.17	$0.34	**$6.51**	$0.00	$0.00	$0.00	$0.00	$9.02	**$9.02**	**$15.53**
Standby	$2.16	$0.33							**$2.49**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

DYMAX

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10DX004	55INX88IN-WL-60	LAND CLEARING EQUIPMENT, LOGGING FORK, 55" TINE LENGTH (ADD 150+ HP WHEEL LOADER)	$25,106			36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.01	$0.15	**$2.16**	$0.00	$0.00	$0.00	$0.00	$2.64	**$2.64**	**$4.80**
Severe	$2.87	$0.16	**$3.03**	$0.00	$0.00	$0.00	$0.00	$4.20	**$4.20**	**$7.23**
Standby	$1.01	$0.15							**$1.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10DX005	180IN-TD-40	LAND CLEARING EQUIPMENT, ROCK & ROOT RAKE, 180" WIDE (ADD 500 HP DOZER)	$56,898			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.55	$0.34	**$4.89**	$0.00	$0.00	$0.00	$0.00	$5.99	**$5.99**	**$10.88**
Severe	$6.50	$0.36	**$6.86**	$0.00	$0.00	$0.00	$0.00	$9.51	**$9.51**	**$16.37**
Standby	$2.28	$0.34							**$2.62**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10XX001	40" SPADE	TREE SPADE, 40" DIA, ACCOMODATES 4" DIA EVERGREENS AND 3" DIA HARDWOODS, 30" DEPTH (ATTACHMENT FOR SKID STEER LOADER)	$13,840			19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.11	$0.08	**$1.19**	$0.00	$0.00	$0.00	$0.00	$1.46	**$1.46**	**$2.65**
Severe	$1.58	$0.09	**$1.67**	$0.00	$0.00	$0.00	$0.00	$2.31	**$2.31**	**$3.98**
Standby	$0.56	$0.08							**$0.64**	

ROME PLOW CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L10RM001	RV BLADE	LAND CLEARING EQUIPMENT, V-TREE CUTTER (ADD 150 - 250 HP TRACTOR DOZER)	$39,492			109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.16	$0.24	**$3.40**	$0.00	$0.00	$0.00	$0.00	$4.16	**$4.16**	**$7.56**
Severe	$4.51	$0.25	**$4.76**	$0.00	$0.00	$0.00	$0.00	$6.60	**$6.60**	**$11.36**
Standby	$1.58	$0.24							**$1.82**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

ROME PLOW CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L10RM002	MA RAKE	LAND CLEARING EQUIPMENT, MULTI-APPLICATION RAKE, 12' WIDE, 9 TEETH (ADD 275 - 325 HP TRACTOR DOZER)	$22,255			51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.78	$0.13	**$1.91**	$0.00	$0.00	$0.00	$0.00	$2.34	**$2.34**	**$4.25**
Severe	$2.54	$0.14	**$2.68**	$0.00	$0.00	$0.00	$0.00	$3.72	**$3.72**	**$6.40**
Standby	$0.89	$0.13							**$1.02**	

TORO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$20,636	Gas 26 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.65	$0.12	**$1.77**	$5.80	$0.75	$0.00	$0.00	$2.17	**$8.73**	**$10.50**
Severe	$2.36	$0.13	**$2.49**	$7.52	$0.97	$0.00	$0.00	$3.45	**$11.94**	**$14.43**
Standby	$0.83	$0.12							**$0.95**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L10VE002	SC 382	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD	$34,226	Gas 37 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.74	$0.21	**$2.95**	$8.25	$1.07	$0.00	$0.00	$3.61	**$12.92**	**$15.87**
Severe	$3.91	$0.21	**$4.12**	$10.70	$1.39	$0.00	$0.00	$5.72	**$17.81**	**$21.93**
Standby	$1.37	$0.21							**$1.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L10VE009	SC 802	LAND CLEARING EQUIPMENT, STUMPER, 28" DIA WHEEL, TRAILER MTD	$72,338	D-Off 74 HP		44

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.77	$0.44	**$6.21**	$9.79	$1.10	$0.04	$0.01	$7.60	**$18.54**	**$24.75**
Severe	$8.24	$0.45	**$8.69**	$12.49	$1.40	$0.11	$0.02	$12.06	**$26.08**	**$34.77**
Standby	$2.89	$0.44							**$3.33**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L10 LAND CLEARING EQUIPMENT

L10 0.00 LAND CLEARING EQUIPMENT

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main		Carrier	CWT
L10VE010	SC 292	LAND CLEARING EQUIPMENT, STUMPER, 17" DIA WHEEL, TRAILER MTD	$21,773	Gas	27 HP		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.72	$0.13	**$1.85**	$6.02	$0.78	$0.05	$0.01	$2.27	**$9.12**	**$10.97**
Severe	$2.46	$0.14	**$2.60**	$7.81	$1.01	$0.12	$0.02	$3.61	**$12.56**	**$15.16**
Standby	$0.86	$0.13							**$0.99**	

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main		Carrier	CWT
L15BW002	VICTOR 800	LANDSCAPING EQUIPMENT, 800 GAL, HYDROMULCHER, TRAILER MTD	$44,110	Gas	35 HP		48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.37	$0.28	**$7.65**	$10.41	$1.08	$0.14	$0.02	$7.14	**$18.79**	**$26.44**
Standby	$3.69	$0.28							**$3.97**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

BOWIE INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15BW003	VICTOR 1100	LANDSCAPING EQUIPMENT, 1,100 GAL, HYDROMULCHER, GOOSENECK TRAILER MTD	$48,381	Gas 50 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.10	$0.31	**$8.41**	$14.87	$1.55	$0.14	$0.02	$7.84	**$24.42**	**$32.83**
Standby	$4.05	$0.31							**$4.36**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15BW004	IMPERIAL 3000	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROMULCHER, TRUCK MTD (ADD 55,000 GVW TRUCK)	$98,158	D-Off 90 HP		88

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.69	$0.63	**$17.32**	$15.60	$1.62	$0.00	$0.00	$16.11	**$33.34**	**$50.66**
Standby	$8.35	$0.63							**$8.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15BW005	LANCER 600	LANDSCAPING EQUIPMENT, 600 GAL, HYDROMULCHER, TRAILER MTD	$25,903	Gas 25 HP		29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.19	$0.17	**$4.36**	$7.43	$0.77	$0.24	$0.04	$4.08	**$12.55**	**$16.91**
Standby	$2.10	$0.17							**$2.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

FINN CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15FG001	T330	LANDSCAPING EQUIPMENT, 3,000 GAL, HYDROSEEDER, TRUCK MTD (ADD 56,000 GVW TRUCK)	$95,576	D-On 134 HP		96

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.25	$0.61	**$16.86**	$27.75	$2.89	$0.00	$0.00	$15.69	**$46.33**	**$63.19**
Standby	$8.13	$0.61							**$8.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15FG002	B260T	LANDSCAPING EQUIPMENT, MULCHER, STRAW BLOWER, 20 TONS PER HOUR, TRAILER MOUNTED	$59,402	D-On 115 HP		48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.05	$0.38	**$10.43**	$23.82	$2.48	$0.06	$0.01	$9.71	**$36.07**	**$46.50**
Standby	$5.03	$0.38							**$5.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

HUSQVARNA FOREST & GARDEN CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15HV004	FT900	LANDSCAPING EQUIPMENT, ROTOTILLER, 26" WIDTH BY 6" DEPTH	$493	Gas 7 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**	$2.08	$0.22	$0.00	$0.00	$0.08	**$2.38**	**$2.46**
Standby	$0.04	$0.00							**$0.04**	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15JD005	MX5	LANDSCAPING EQUIPMENT, ROTARY MOWER, 60" WIDE, MEDIUM DUTY, PTO DRIVE (ADD 45 - 100 HP AGRICULTURAL TRACTOR)	$3,138			8

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	$0.52	**$0.52**	**$1.07**
Standby	$0.27	$0.02							**$0.29**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

STIHL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15S7001	BT131	POST HOLE DRILL, UP TO 8" DIA, 30" DEEP, ONE MAN OPERATION	$764	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**	$0.56	$0.06	$0.00	$0.00	$0.13	**$0.74**	**$0.87**
Standby	$0.07	$0.00							**$0.07**	

TORO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO001	22298	LANDSCAPING EQUIPMENT, LAWNMOWER, 21" DECK, REAR BAGGER, WALK BEHIND MOWER	$2,193	Gas 6 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.37	$0.01	**$0.38**	$1.78	$0.19	$0.00	$0.00	$0.36	**$2.33**	**$2.71**
Standby	$0.19	$0.01							**$0.20**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO002	30672	LANDSCAPING EQUIPMENT, LAWNMOWER, 32" DECK, SIDE DISCHARGE, WALK BEHIND MOWER	$3,845	Gas 14.5 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.61	$0.02	**$0.63**	$4.31	$0.45	$0.06	$0.01	$0.60	**$5.42**	**$6.05**
Standby	$0.31	$0.02							**$0.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO003	74952	LANDSCAPING EQUIPMENT, LAWNMOWER, 48" DECK, SIDE DISCHARGE, RIDING MOWER	$9,940	Gas 20.5 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.55	$0.06	**$1.61**	$6.10	$0.63	$0.19	$0.03	$1.51	**$8.47**	**$10.08**
Standby	$0.78	$0.06							**$0.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO004	74955	LANDSCAPING EQUIPMENT, LAWNMOWER, 52" DECK, TRACTOR, SIDE DISCHARGE, RIDING MOWER	$9,865	Gas 25 HP		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.53	$0.06	**$1.59**	$7.43	$0.77	$0.19	$0.03	$1.50	**$9.93**	**$11.52**
Standby	$0.77	$0.06							**$0.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO006	74472	LANDSCAPING EQUIPMENT, LAWNMOWER, 60" DECK, SIDE DISCHARGE, RIDING MOWER	$8,357	Gas 23.5 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.21	$0.05	**$1.26**	$6.99	$0.73	$0.28	$0.04	$1.20	**$9.24**	**$10.50**
Standby	$0.61	$0.05							**$0.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO007	74918	LANDSCAPING EQUIPMENT, LAWNMOWER, 72" DECK, SIDE DISCHARGE, RIDING MOWER	$19,294	Gas 26.5 HP		17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.07	$0.12	**$3.19**	$7.88	$0.82	$0.28	$0.04	$2.99	**$12.02**	**$15.21**
Standby	$1.54	$0.12							**$1.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO009	POWER MAX 8260E	LANDSCAPING EQUIPMENT, SNOWBLOWER, 26" PATH, 40' THROW	$1,179	Gas 8 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.20	$0.01	**$0.21**	$2.38	$0.25	$0.00	$0.00	$0.19	**$2.82**	**$3.03**
Standby	$0.10	$0.01							**$0.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L15 LANDSCAPING EQUIPMENT

L15 0.00 LANDSCAPING EQUIPMENT

TORO

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15TO010	POWER MAX 10280HXE	LANDSCAPING EQUIPMENT, SNOWBLOWER, 28" PATH, 45' THROW	$1,465	Gas 10 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.25	$0.01	**$0.26**	$2.97	$0.31	$0.00	$0.00	$0.24	**$3.52**	**$3.78**
Standby	$0.13	$0.01							**$0.14**	

WILLMAR EQUIPMENT COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L15WI001	S-150	LANDSCAPING EQUIPMENT, SPREADER, 54CF DRY CHEMICAL (ADD 55 HP FARM TRACTOR)	$9,577			15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.54	$0.06	**$1.60**	$0.00	$0.05	$0.10	$0.02	$1.50	**$1.66**	**$3.26**
Standby	$0.77	$0.06							**$0.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB017	NLV 7KW LED	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH	$19,410	D-Off 10 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.91	$0.12	**$2.03**	$1.87	$0.19	$0.05	$0.01	$4.22	**$6.34**	**$8.37**
Standby	$0.96	$0.12							**$1.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB018	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH	$20,922	D-Off 10 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.06	$0.13	**$2.19**	$1.87	$0.19	$0.05	$0.01	$4.55	**$6.67**	**$8.86**
Standby	$1.03	$0.13							**$1.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB019	NIGHT LIGHT PRO II	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/7 KW GEN, MANUAL MAST WINCH	$23,190	D-Off 10 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.29	$0.14	**$2.43**	$1.87	$0.19	$0.05	$0.01	$5.05	**$7.17**	**$9.60**
Standby	$1.15	$0.14							**$1.29**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB021	MAXI LITE V	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/8 KW GEN, MANUAL MAST WINCH	$28,327	D-Off 11 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.81	$0.18	**$2.99**	$2.06	$0.21	$0.05	$0.01	$6.18	**$8.51**	**$11.50**
Standby	$1.41	$0.18							**$1.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB025	MAXI LITE V 15KW LED	LITE SET, TRAILER MTD., 6/320W LED LAMPS, W/15 KW GEN, MANUAL MAST WINCH	$35,885	D-Off 20 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.56	$0.22	**$3.78**	$3.74	$0.39	$0.05	$0.01	$7.84	**$12.03**	**$15.81**
Standby	$1.78	$0.22							**$2.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB026	NLV 7KW	LITE SET, TRAILER MTD., 4/1250W METAL HALIDE, W/7 KW GEN, MANUAL MAST WINCH	$17,521	D-Off 10 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.73	$0.11	**$1.84**	$1.87	$0.19	$0.05	$0.01	$3.81	**$5.92**	**$7.76**
Standby	$0.87	$0.11							**$0.98**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L20 LIGHTING SETS, TRAILER MOUNTED

L20 0.10 LIGHTING SETS, TRAILER MOUNTED

ALLMAND BROTHERS INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB027	MAXI LITE V LED	LITE SET, TRAILER MTD., 4/320W LED LAMPS, W/8 KW GEN, MANUAL MAST WINCH	$30,216	D-Off 11 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.00	$0.19	**$3.19**	$2.06	$0.21	$0.05	$0.01	$6.60	**$8.92**	**$12.11**
Standby	$1.50	$0.19							**$1.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L20AB028	MAXI LITE V 15KW	LITE SET, TRAILER MTD., 6/1250W METAL HALIDE, W/15 KW GEN, MANUAL MAST WINCH	$33,995	D-Off 20 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.37	$0.21	**$3.58**	$3.74	$0.39	$0.05	$0.01	$7.43	**$11.61**	**$15.19**
Standby	$1.69	$0.21							**$1.90**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

JCL EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier		CWT
L25JE002	ROAD RUNNER	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, TRUCK MOUNTED (17,590 LB GVW), TWO COLORS	$240,543	D-On 190	HP			116

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.54	$1.49	**$25.03**	$42.46	$4.42	$1.09	$0.17	$41.58	**$89.71**	**$114.74**
Standby	$11.77	$1.49							**$13.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier		CWT
L25JE003	HRL-1	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 1 GUNS SELF PROPELLED, SINGLE COLOR	$5,409	Gas 5.5	HP			9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.54	$0.03	**$0.57**	$1.75	$0.18	$0.00	$0.00	$0.95	**$2.88**	**$3.45**
Standby	$0.27	$0.03							**$0.30**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25MB004	TPX 2000	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, W/11,000 LBS GVW TRUCK, TWO COLORS	$470,196	Gas 190 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$46.50	$2.91	**$49.41**	$60.42	$7.79	$1.09	$0.17	$81.98	**$151.44**	**$200.85**
Standby	$23.25	$2.91							**$26.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25MB006	245	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3 GUNS, SELF PROPELLED, TWO COLORS	$207,625	Gas 20 HP		48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.76	$1.28	**$22.04**	$6.36	$1.91	$0.00	$0.00	$36.52	**$44.79**	**$66.83**
Standby	$10.38	$1.28							**$11.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25MB007	260 ACL	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, SELF PROPELLED, THREE COLORS	$103,978	Gas 23 HP		30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.40	$0.64	**$11.04**	$7.31	$1.76	$0.00	$0.00	$18.29	**$27.36**	**$38.40**
Standby	$5.20	$0.64							**$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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25MB008	360	LINE STRIPING EQUIPMENT, STRIPER, INTERMEDIATE, 3-4 GUNS, THERMAL 120 GAL, TRUCK MTD, TWO COLORS	$252,864	D-Off 74 HP		192

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.81	$1.56	**$26.37**	$13.84	$2.94	$1.00	$0.15	$43.81	**$61.74**	**$88.11**
Standby	$12.41	$1.56							**$13.97**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25XX001	300TC	THERMOPLASTIC LINE STRIPER, 4" WIDTH, LP FIRED, CART MOUNTED (ADD COST FOR THERMOPLASTIC)	$12,907			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.29	$0.08	**$1.37**	$0.00	$0.00	$0.00	$0.00	$2.27	**$2.27**	**$3.64**
Standby	$0.65	$0.08							**$0.73**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L25 LINE STRIPING EQUIPMENT

L25 0.00 LINE STRIPING EQUIPMENT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L25XX002	3-610	PAVEMENT GROOVER AND LINE REMOVAL TRUCK, HAS 3 PAVEMENT GRIDING UNITS IN SERIES.	$776,476	Gas 190 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$77.13	$4.80	**$81.93**	$60.42	$7.79	$1.09	$0.17	$135.85	**$205.31**	**$287.24**
Standby	$38.57	$4.80							**$43.37**	

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L30KJ001	11-2450	LOADER, CONVEYOR BELT & ACCESSORIES, 24" WIDE X 50' LONG CONVEYOR WITH 24" DEEP LATTICE FRAME, SINGLE AXLE TELESCOPING UNDERCARRIAGE FOR RAISE AND LOWER, CAPABLE OF RADIAL TRAVEL, UP TO 250 TONS PER HOUR	$51,375	Elec 10 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.97	$0.31	**$4.28**	$0.86	$0.42	$0.30	$0.05	$5.86	**$7.49**	**$11.77**
Severe	$4.97	$0.32	**$5.29**	$1.12	$0.54	$0.77	$0.12	$8.06	**$10.62**	**$15.91**
Standby	$1.99	$0.31							**$2.30**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type 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	$50,836	Elec 10 HP		128

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.93	$0.31	**$4.24**	$0.86	$0.42	$0.30	$0.05	$5.80	**$7.43**	**$11.67**
Severe	$4.91	$0.31	**$5.22**	$1.12	$0.54	$0.77	$0.12	$7.97	**$10.53**	**$15.75**
Standby	$1.97	$0.31							**$2.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$221,741	Elec 85 HP		280

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.94	$1.34	**$18.28**	$7.29	$3.55	$1.88	$0.29	$25.07	**$38.08**	**$56.36**
Severe	$21.18	$1.37	**$22.55**	$9.54	$4.64	$4.89	$0.75	$34.47	**$54.29**	**$76.84**
Standby	$8.47	$1.34							**$9.81**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L30S4002	RUN-ON HYDRAULIC LEG	LOADER CONVERYOR BELT & ACCESSORIES, 4 HYDRAULIC JACK LEGS	$26,057			28

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.08	$0.16	**$2.24**	$0.00	$0.00	$0.00	$0.00	$3.06	**$3.06**	**$5.30**
Severe	$2.61	$0.16	**$2.77**	$0.00	$0.00	$0.00	$0.00	$4.20	**$4.20**	**$6.97**
Standby	$1.04	$0.16							**$1.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L30S4007	30" X 100' CONVEYOR	CONVEYOR, 30" WIDTH X 100' L, 500 TPH MAX (ADD 12KW GENERATOR)	$53,343	Elec 15 HP		64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.47	$0.32	**$3.79**	$1.29	$0.63	$2.03	$0.31	$5.32	**$9.58**	**$13.37**
Severe	$4.34	$0.33	**$4.67**	$1.68	$0.82	$5.76	$0.88	$7.32	**$16.46**	**$21.13**
Standby	$1.74	$0.32							**$2.06**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L30 LOADERS, BELT (Conveyor belts) & ACCESSORIES

L30 0.00 LOADERS, BELT (Conveyor belts) & ACCESSORIES

SUPERIOR INDUSTRIES, AN ASTEC COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L30S4008	LOADER HOPPER	HOPPER FOR FRONT WHEEL LOADER, 500 TPH INCLUDES GRIZZLY SCREEN	$68,152			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.45	$0.41	**$5.86**	$0.00	$0.00	$0.00	$0.00	$7.99	**$7.99**	**$13.85**
Severe	$6.82	$0.42	**$7.24**	$0.00	$0.00	$0.00	$0.00	$10.99	**$10.99**	**$18.23**
Standby	$2.73	$0.41							**$3.14**	

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CS001	TR270B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET	$78,950	D-Off 74 HP		98

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.32	$0.48	**$6.80**	$11.47	$1.18	$0.00	$0.00	$10.16	**$22.82**	**$29.62**
Severe	$7.89	$0.49	**$8.38**	$14.85	$1.53	$0.00	$0.00	$14.44	**$30.82**	**$39.20**
Standby	$3.16	$0.48							**$3.64**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CS002	TR310B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET	$82,088	D-Off 74 HP		89

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.57	$0.50	**$7.07**	$11.47	$1.18	$0.00	$0.00	$10.57	**$23.22**	**$30.29**
Severe	$8.21	$0.51	**$8.72**	$14.85	$1.53	$0.00	$0.00	$15.01	**$31.39**	**$40.11**
Standby	$3.29	$0.50							**$3.79**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CS003	TR340B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET	$100,829	D-Off 84 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.07	$0.61	**$8.68**	$13.02	$1.34	$0.00	$0.00	$12.98	**$27.34**	**$36.02**
Severe	$10.08	$0.62	**$10.70**	$16.85	$1.74	$0.00	$0.00	$18.44	**$37.03**	**$47.73**
Standby	$4.04	$0.61							**$4.65**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CS100	TV370B	LOADER, FRONT END, TRACKED, 15.5 CF, 78" WIDE BUCKET	$88,218	D-Off 74 HP		93

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.06	$0.53	**$7.59**	$11.47	$1.18	$0.00	$0.00	$11.36	**$24.01**	**$31.60**
Severe	$8.82	$0.55	**$9.37**	$14.85	$1.53	$0.00	$0.00	$16.13	**$32.51**	**$41.88**
Standby	$3.53	$0.53							**$4.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CS101	TV450B	LOADER, FRONT END, TRACKED, 17.0 CF, 84" WIDE BUCKET	$103,006	D-Off 90 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.24	$0.62	**$8.86**	$13.95	$1.44	$0.00	$0.00	$13.26	**$28.65**	**$37.51**
Severe	$10.30	$0.64	**$10.94**	$18.06	$1.86	$0.00	$0.00	$18.84	**$38.76**	**$49.70**
Standby	$4.12	$0.62							**$4.74**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA001	239D	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET	$73,510	D-Off 67.1 HP		73

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.44	**$6.32**	$10.40	$1.07	$0.00	$0.00	$9.46	**$20.94**	**$27.26**
Severe	$7.35	$0.45	**$7.80**	$13.46	$1.39	$0.00	$0.00	$13.44	**$28.29**	**$36.09**
Standby	$2.94	$0.44							**$3.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA002	249D3	COMPACT TRACK LOADER, 0.52 CY, 66" BUCKET	$73,528	D-Off 67.1 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.44	**$6.32**	$10.40	$1.07	$0.00	$0.00	$9.47	**$20.94**	**$27.26**
Severe	$7.35	$0.45	**$7.80**	$13.46	$1.39	$0.00	$0.00	$13.45	**$28.29**	**$36.09**
Standby	$2.94	$0.44							**$3.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA003	257D	COMPACT TRACK LOADER, 0.54 CY, 66" BUCKET	$77,624	D-Off 74.3 HP		81

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.21	$0.47	**$6.68**	$11.52	$1.19	$0.00	$0.00	$9.99	**$22.70**	**$29.38**
Severe	$7.76	$0.48	**$8.24**	$14.91	$1.54	$0.00	$0.00	$14.20	**$30.64**	**$38.88**
Standby	$3.11	$0.47							**$3.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA004	259D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$67,420	D-Off 74.3 HP		90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.39	$0.41	**$5.80**	$11.52	$1.19	$0.00	$0.00	$8.68	**$21.39**	**$27.19**
Severe	$6.74	$0.42	**$7.16**	$14.91	$1.54	$0.00	$0.00	$12.33	**$28.78**	**$35.94**
Standby	$2.70	$0.41							**$3.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA005	953K	LOADER, FRONT END, CRAWLER, 2.9 CY BUCKET	$324,679	D-Off 177 HP		317

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.97	$1.96	**$27.93**	$27.44	$2.83	$0.00	$0.00	$41.80	**$72.07**	**$100.00**
Severe	$32.47	$2.01	**$34.48**	$35.51	$3.66	$0.00	$0.00	$59.38	**$98.55**	**$133.03**
Standby	$12.99	$1.96							**$14.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA006	277D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$93,532	D-Off 74.3 HP		93

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.48	$0.57	**$8.05**	$11.52	$1.19	$0.00	$0.00	$12.04	**$24.75**	**$32.80**
Severe	$9.35	$0.58	**$9.93**	$14.91	$1.54	$0.00	$0.00	$17.11	**$33.55**	**$43.48**
Standby	$3.74	$0.57							**$4.31**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA007	973K	LOADER, FRONT END, CRAWLER, 5.50 CY BUCKET	$607,228	D-Off 310 HP		585

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$48.58	$3.67	**$52.25**	$48.06	$4.95	$0.00	$0.00	$78.18	**$131.19**	**$183.44**
Severe	$60.72	$3.75	**$64.47**	$62.20	$6.41	$0.00	$0.00	$111.05	**$179.66**	**$244.13**
Standby	$24.29	$3.67							**$27.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA008	279D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$85,323	D-Off 74.3 HP		99

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.83	$0.52	**$7.35**	$11.52	$1.19	$0.00	$0.00	$10.99	**$23.69**	**$31.04**
Severe	$8.53	$0.53	**$9.06**	$14.91	$1.54	$0.00	$0.00	$15.60	**$32.05**	**$41.11**
Standby	$3.42	$0.52							**$3.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA009	287D	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$97,089	D-Off 74.3 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.77	$0.59	**$8.36**	$11.52	$1.19	$0.00	$0.00	$12.50	**$25.21**	**$33.57**
Severe	$9.71	$0.60	**$10.31**	$14.91	$1.54	$0.00	$0.00	$17.76	**$34.20**	**$44.51**
Standby	$3.89	$0.59							**$4.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA010	289D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$91,955	D-Off 74.3 HP		107

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.36	$0.56	**$7.92**	$11.52	$1.19	$0.00	$0.00	$11.84	**$24.55**	**$32.47**
Severe	$9.20	$0.57	**$9.77**	$14.91	$1.54	$0.00	$0.00	$16.82	**$33.26**	**$43.03**
Standby	$3.68	$0.56							**$4.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L35 LOADERS, FRONT END, CRAWLER TYPE

L35 0.00 LOADERS, FRONT END, CRAWLER TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA011	299D3	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$101,480	D-Off 98 HP		115

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.12	$0.61	**$8.73**	$15.19	$1.56	$0.00	$0.00	$13.07	**$29.82**	**$38.55**
Severe	$10.15	$0.63	**$10.78**	$19.66	$2.03	$0.00	$0.00	$18.56	**$40.24**	**$51.02**
Standby	$4.06	$0.61							**$4.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA014	963K	LOADER, FRONT END, CRAWLER, 3.70 CY BUCKET	$387,102	D-Off 224 HP		448

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.97	$2.34	**$33.31**	$34.73	$3.58	$0.00	$0.00	$49.84	**$88.15**	**$121.46**
Severe	$38.71	$2.39	**$41.10**	$44.94	$4.63	$0.00	$0.00	$70.79	**$120.36**	**$161.46**
Standby	$15.49	$2.34							**$17.83**	

* - 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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA015	297 D2 XHP	LOADER, FRONT END, TRACKED, 0.54 CY, 66" BUCKET	$126,785	D-Off 110 HP		109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.14	$0.77	**$10.91**	$17.05	$1.76	$0.00	$0.00	$16.32	**$35.13**	**$46.04**
Severe	$12.68	$0.78	**$13.46**	$22.07	$2.27	$0.00	$0.00	$23.19	**$47.53**	**$60.99**
Standby	$5.07	$0.77							**$5.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35CA040	297D2	FRONT END LOADER, TRACKED, 0.54 CY, 66" WIDE BUCKET	$110,459	D-Off 98 HP		107

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.84	$0.67	**$9.51**	$15.19	$1.56	$0.00	$0.00	$14.22	**$30.98**	**$40.49**
Severe	$11.05	$0.68	**$11.73**	$19.66	$2.03	$0.00	$0.00	$20.20	**$41.89**	**$53.62**
Standby	$4.42	$0.67							**$5.09**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35ME001	T550	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET	$54,373	D-Off 68 HP		76

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.35	$0.33	**$4.68**	$10.54	$1.09	$0.00	$0.00	$7.00	**$18.63**	**$23.31**
Severe	$5.44	$0.34	**$5.78**	$13.64	$1.41	$0.00	$0.00	$9.94	**$24.99**	**$30.77**
Standby	$2.18	$0.33							**$2.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35ME002	S590	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET	$49,605	D-Off 68 HP		78

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.97	$0.30	**$4.27**	$10.54	$1.09	$0.00	$0.00	$6.39	**$18.01**	**$22.28**
Severe	$4.96	$0.31	**$5.27**	$13.64	$1.41	$0.00	$0.00	$9.07	**$24.12**	**$29.39**
Standby	$1.99	$0.30							**$2.29**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35ME003	T595	LOADER, FRONT END, SKID STEER, TRACKED, 10.5 CF, 62" WIDE BUCKET	$58,097	D-Off 70 HP		81

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.65	$0.35	**$5.00**	$10.85	$1.12	$0.00	$0.00	$7.48	**$19.45**	**$24.45**
Severe	$5.81	$0.36	**$6.17**	$14.04	$1.45	$0.00	$0.00	$10.62	**$26.11**	**$32.28**
Standby	$2.33	$0.35							**$2.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35ME004	T62	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET	$63,058	D-Off 68 HP		86

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.04	$0.38	**$5.42**	$10.54	$1.09	$0.00	$0.00	$8.12	**$19.74**	**$25.16**
Severe	$6.31	$0.39	**$6.70**	$13.64	$1.41	$0.00	$0.00	$11.53	**$26.58**	**$33.28**
Standby	$2.52	$0.38							**$2.90**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L35ME005	T64	LOADER, FRONT END, SKID STEER, TRACKED, 23.3 CF, 78" WIDE BUCKET	$67,299	D-Off 68 HP		88

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.38	$0.41	**$5.79**	$10.54	$1.09	$0.00	$0.00	$8.66	**$20.29**	**$26.08**
Severe	$6.73	$0.42	**$7.15**	$13.64	$1.41	$0.00	$0.00	$12.31	**$27.35**	**$34.50**
Standby	$2.69	$0.41							**$3.10**	

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS004	21F	LOADER, FRONT END, WHEEL, 1.05 CY BUCKET, ARTICULATED, 4X4	$96,472	D-Off 58 HP		109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.59	$0.61	**$8.20**	$8.20	$0.93	$0.68	$0.10	$8.36	**$18.27**	**$26.47**
Severe	$8.03	$0.61	**$8.64**	$10.84	$1.23	$2.18	$0.33	$10.10	**$24.68**	**$33.32**
Standby	$3.80	$0.61							**$4.41**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS005	121F	LOADER, FRONT END, WHEEL, 1.18 CY BUCKET, ARTICULATED, 4X4	$102,489	D-Off 60 HP		114

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.08	$0.64	**$8.72**	$8.48	$0.96	$0.68	$0.10	$8.89	**$19.11**	**$27.83**
Severe	$8.54	$0.65	**$9.19**	$11.22	$1.27	$2.18	$0.33	$10.74	**$25.75**	**$34.94**
Standby	$4.04	$0.64							**$4.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS012	621G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4	$247,445	D-Off 172 HP		282

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.33	$1.56	**$20.89**	$24.31	$2.75	$3.60	$0.55	$21.32	**$52.54**	**$73.43**
Severe	$20.44	$1.56	**$22.00**	$32.16	$3.64	$11.61	$1.78	$25.76	**$74.95**	**$96.95**
Standby	$9.67	$1.56							**$11.23**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS013	721G	LOADER, FRONT END, WHEEL, 3.0 CY BUCKET, ARTICULATED, 4X4	$296,146	D-Off 195 HP		325

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.28	$1.86	**$25.14**	$27.57	$3.12	$3.60	$0.55	$25.64	**$60.48**	**$85.62**
Severe	$24.61	$1.87	**$26.48**	$36.46	$4.13	$11.61	$1.78	$30.97	**$84.95**	**$111.43**
Standby	$11.64	$1.86							**$13.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS014	821G	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4	$370,729	D-Off 230 HP		401

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.84	$2.33	**$30.17**	$32.51	$3.68	$10.93	$1.67	$31.03	**$79.83**	**$110.00**
Severe	$29.43	$2.34	**$31.77**	$43.00	$4.87	$35.23	$5.39	$37.49	**$125.98**	**$157.75**
Standby	$13.92	$2.33							**$16.25**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS031	521G	LOADER, FRONT END, WHEEL, 2.1 CY BUCKET, ARTICULATED, 4X4	$215,763	D-Off 131 HP		241

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.82	$1.36	**$18.18**	$18.52	$2.10	$3.34	$0.51	$18.56	**$43.03**	**$61.21**
Severe	$17.78	$1.36	**$19.14**	$24.49	$2.77	$10.77	$1.65	$22.42	**$62.10**	**$81.24**
Standby	$8.41	$1.36							**$9.77**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA001	903D	LOADER, FRONT END, WHEEL, 0.8-1.3 CY BUCKET, ARTICULATED, 4X4	$80,438	D-Off 42 HP		94

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.52	$0.51	**$4.03**	$5.94	$0.67	$13.91	$2.13	$4.66	**$27.31**	**$31.34**
Severe	$3.72	$0.51	**$4.23**	$7.85	$0.89	$44.81	$6.86	$5.63	**$66.04**	**$70.27**
Standby	$1.76	$0.51							**$2.27**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA002	926M	LOADER, FRONT END, WHEEL, 3.8 HEAPED CY BUCKET, ARTICULATED, 4X4	$247,313	D-Off 155 HP		288

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.10	$1.56	**$18.66**	$21.91	$2.48	$14.58	$2.23	$19.49	**$60.69**	**$79.35**
Severe	$18.08	$1.56	**$19.64**	$28.98	$3.28	$46.98	$7.19	$23.55	**$109.98**	**$129.62**
Standby	$8.55	$1.56							**$10.11**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA014	907M	LOADER, FRONT END, WHEEL, 1.3 HEAPED CY BUCKET, ARTICULATED, 4X4	$120,634	D-Off 74 HP		127

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.53	$0.76	**$10.29**	$10.46	$1.18	$0.73	$0.11	$10.48	**$22.97**	**$33.26**
Severe	$10.08	$0.76	**$10.84**	$13.84	$1.57	$2.36	$0.36	$12.67	**$30.79**	**$41.63**
Standby	$4.77	$0.76							**$5.53**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA019	914	LOADER, FRONT END, WHEEL, 2.0 HEAPED CY BUCKET, ARTICULATED, 4X4	$179,264	D-Off 111 HP		191

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.86	$1.13	**$14.99**	$15.69	$1.78	$3.34	$0.51	$15.33	**$36.64**	**$51.63**
Severe	$14.65	$1.13	**$15.78**	$20.75	$2.35	$10.77	$1.65	$18.52	**$54.03**	**$69.81**
Standby	$6.93	$1.13							**$8.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA023	938M	LOADER, FRONT END, WHEEL, 3.80 CY BUCKET, ARTICULATED, 4X4	$305,705	D-Off 190 HP		362

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.01	$1.92	**$25.93**	$26.86	$3.04	$3.85	$0.59	$26.44	**$60.78**	**$86.71**
Severe	$25.38	$1.93	**$27.31**	$35.52	$4.02	$12.40	$1.90	$31.95	**$85.78**	**$113.09**
Standby	$12.01	$1.92							**$13.93**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA024	950M	LOADER, FRONT END, WHEEL, 4.5 CY BUCKET, ARTICULATED, 4X4	$362,150	D-Off 250 HP		424

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.81	$2.28	**$30.09**	$35.34	$4.00	$7.66	$1.17	$30.81	**$78.99**	**$109.08**
Severe	$29.40	$2.29	**$31.69**	$46.74	$5.29	$24.69	$3.78	$37.22	**$117.73**	**$149.42**
Standby	$13.91	$2.28							**$16.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA025	962M	LOADER, FRONT END, WHEEL, 4.75 HEAPED CY BUCKET, ARTICULATED, 4X4	$376,614	D-Off 271 HP		446

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.98	$2.37	**$31.35**	$38.31	$4.34	$7.66	$1.17	$32.09	**$83.57**	**$114.92**
Severe	$30.64	$2.38	**$33.02**	$50.67	$5.74	$24.69	$3.78	$38.77	**$123.65**	**$156.67**
Standby	$14.49	$2.37							**$16.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA033	906M	LOADER, FRONT END, WHEEL, 2.0 CY BUCKET, ARTICULATED, 4X4	$117,361	D-Off 74 HP		124

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.27	$0.74	**$10.01**	$10.46	$1.18	$0.73	$0.11	$10.19	**$22.68**	**$32.69**
Severe	$9.80	$0.74	**$10.54**	$13.84	$1.57	$2.36	$0.36	$12.32	**$30.44**	**$40.98**
Standby	$4.64	$0.74							**$5.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA034	908M	LOADER, FRONT END, WHEEL, 1.40 CY BUCKET, ARTICULATED, 4X4	$133,076	D-Off 74 HP		141

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.57	$0.84	**$11.41**	$10.46	$1.18	$0.66	$0.10	$11.61	**$24.01**	**$35.42**
Severe	$11.17	$0.84	**$12.01**	$13.84	$1.57	$2.13	$0.33	$14.02	**$31.88**	**$43.89**
Standby	$5.29	$0.84							**$6.13**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA040	930M	LOADER, FRONT END, WHEEL, 3.2 CY BUCKET, ARTICULATED, 4X4	$268,657	D-Off 166 HP		309

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.00	$1.69	**$22.69**	$23.47	$2.66	$3.85	$0.59	$23.16	**$53.72**	**$76.41**
Severe	$22.20	$1.70	**$23.90**	$31.04	$3.51	$12.40	$1.90	$27.98	**$76.83**	**$100.73**
Standby	$10.50	$1.69							**$12.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA041	910	LOADER, FRONT END, WHEEL, 1.7 CY BUCKET, ARTICULATED, 4X4	$150,737	D-Off 102 HP		178

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.54	$0.95	**$12.49**	$14.42	$1.63	$3.34	$0.51	$12.80	**$32.70**	**$45.19**
Severe	$12.20	$0.95	**$13.15**	$19.07	$2.16	$10.77	$1.65	$15.46	**$49.10**	**$62.25**
Standby	$5.77	$0.95							**$6.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.11 ARTICULATED, 0 THRU 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA050	918M	LOADER, FRONT END, WHEEL, 2.2 CY BUCKET, ARTICULATED, 4X4	$182,231	D-Off 117 HP		209

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.10	$1.15	**$15.25**	$16.54	$1.87	$3.34	$0.51	$15.59	**$37.85**	**$53.10**
Severe	$14.90	$1.15	**$16.05**	$21.87	$2.48	$10.77	$1.65	$18.83	**$55.59**	**$71.64**
Standby	$7.05	$1.15							**$8.20**	

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM003	WA200-8	LOADER, FRONT END, WHEEL, 2.60 CY - 3.10 HEAPED CY BUCKET, ARTICULATED, 4X4	$177,870	D-Off 126 HP		258

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.64	$1.12	**$14.76**	$17.81	$2.02	$3.85	$0.59	$15.12	**$39.38**	**$54.14**
Severe	$14.42	$1.12	**$15.54**	$23.56	$2.67	$12.40	$1.90	$18.27	**$58.78**	**$74.32**
Standby	$6.82	$1.12							**$7.94**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS032	921G	LOADER, FRONT END, WHEEL, 2.1 HEAPED CY BUCKET, ARTICULATED, 4X4	$390,182	D-Off 242 HP		451

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.91	$2.31	**$25.22**	$34.21	$2.79	$7.66	$1.17	$23.69	**$69.53**	**$94.75**
Severe	$24.82	$2.33	**$27.15**	$45.24	$3.69	$24.69	$3.78	$27.50	**$104.90**	**$132.05**
Standby	$11.46	$2.31							**$13.77**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS033	1021G	LOADER, FRONT END, WHEEL, 5.5 CY BUCKET, ARTICULATED, 4X4	$482,672	D-Off 296 HP		553

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.60	$2.86	**$31.46**	$41.84	$3.41	$7.66	$1.17	$29.52	**$83.61**	**$115.07**
Severe	$30.98	$2.88	**$33.86**	$55.34	$4.52	$24.69	$3.78	$34.26	**$122.59**	**$156.45**
Standby	$14.30	$2.86							**$17.16**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS034	1121G	LOADER, FRONT END, WHEEL, 6.25 CY BUCKET, ARTICULATED, 4X4	$512,267	D-Off 320 HP		617

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.12	$3.04	**$33.16**	$45.24	$3.69	$9.72	$1.49	$31.14	**$91.28**	**$124.44**
Severe	$32.63	$3.06	**$35.69**	$59.83	$4.88	$31.31	$4.79	$36.15	**$136.97**	**$172.66**
Standby	$15.06	$3.04							**$18.10**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA007	980M	LOADER, FRONT END, WHEEL, 7.50 HEAPED CY BUCKET, ARTICULATED, 4X4	$708,491	D-Off 425 HP		664

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.13	$4.20	**$45.33**	$60.08	$4.90	$17.15	$2.62	$42.63	**$127.39**	**$172.72**
Severe	$44.55	$4.23	**$48.78**	$79.46	$6.48	$55.25	$8.45	$49.49	**$199.14**	**$247.92**
Standby	$20.57	$4.20							**$24.77**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA018	990K	LOADER, FRONT END, WHEEL, 11.20 CY BUCKET, ARTICULATED, 4X4	$1,633,767	D-Off 752 HP		1701

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$91.72	$9.69	**$101.41**	$106.30	$8.67	$61.15	$9.36	$95.76	**$281.24**	**$382.65**
Severe	$99.37	$9.75	**$109.12**	$140.59	$11.47	$197.02	$30.14	$111.15	**$490.38**	**$599.50**
Standby	$45.86	$9.69							**$55.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA035	988K	LOADER, FRONT END, WHEEL, UP TO 11.00 CY BUCKET, ARTICULATED, 4X4	$989,321	D-Off 580 HP		1010

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.90	$5.87	**$61.77**	$81.99	$6.69	$34.55	$5.29	$58.28	**$186.80**	**$248.57**
Severe	$60.56	$5.90	**$66.46**	$108.44	$8.85	$111.34	$17.03	$67.65	**$313.31**	**$379.77**
Standby	$27.95	$5.87							**$33.82**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA042	966M	LOADER, FRONT END, WHEEL, 5.5 CY BUCKET, ARTICULATED, 4X4	$545,035	D-Off 298 HP		512

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.54	$3.23	**$33.77**	$42.13	$3.44	$20.84	$3.19	$31.89	**$101.49**	**$135.26**
Severe	$33.08	$3.25	**$36.33**	$55.71	$4.55	$67.15	$10.27	$37.02	**$174.70**	**$211.03**
Standby	$15.27	$3.23							**$18.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA051	950GC	LOADER, FRONT END, WHEEL, 4.25 CY BUCKET, ARTICULATED, 4X4	$298,246	D-Off 243 HP		416

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.25	$1.77	**$19.02**	$34.35	$2.80	$7.66	$1.17	$17.89	**$63.88**	**$82.90**
Severe	$18.69	$1.78	**$20.47**	$45.43	$3.71	$24.69	$3.78	$20.77	**$98.38**	**$118.85**
Standby	$8.63	$1.77							**$10.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA052	972M	LOADER, FRONT END, WHEEL, 7 CY, BUCKET, ARTICULATED, 4X4	$557,387	D-Off 311 HP		549

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.30	$3.31	**$34.61**	$43.96	$3.59	$20.84	$3.19	$32.67	**$104.25**	**$138.86**
Severe	$33.90	$3.32	**$37.22**	$58.14	$4.74	$67.15	$10.27	$37.92	**$178.23**	**$215.45**
Standby	$15.65	$3.31							**$18.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA053	982M	LOADER, FRONT END, WHEEL, 9.25 HEAPED CY BUCKET, ARTICULATED, 4X4	$711,512	D-Off 436 HP		784

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.78	$4.22	**$45.00**	$61.63	$5.03	$20.84	$3.19	$42.39	**$133.08**	**$178.08**
Severe	$44.18	$4.24	**$48.42**	$81.51	$6.65	$67.15	$10.27	$49.20	**$214.78**	**$263.20**
Standby	$20.39	$4.22							**$24.61**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.12 ARTICULATED, OVER 225 HP

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM008	WA480-8	LOADER, FRONT END, WHEEL, 6.0 CY - 6.5 HEAPED CY BUCKET, ARTICULATED, 4X4	$417,729	D-Off 299 HP		564

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.31	$2.48	**$26.79**	$42.27	$3.45	$9.72	$1.49	$25.18	**$82.11**	**$108.90**
Severe	$26.33	$2.49	**$28.82**	$55.90	$4.56	$31.31	$4.79	$29.23	**$125.80**	**$154.62**
Standby	$12.16	$2.48							**$14.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM009	WA600-6	LOADER, FRONT END, WHEEL, 9.20 HEAPED CY BUCKET, ARTICULATED, 4X4	$1,277,628	D-Off 527 HP		1190

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$75.67	$7.58	**$83.25**	$74.50	$6.08	$20.51	$3.14	$78.11	**$182.34**	**$265.59**
Severe	$81.97	$7.62	**$89.59**	$98.53	$8.04	$66.09	$10.11	$90.67	**$273.43**	**$363.02**
Standby	$37.84	$7.58							**$45.42**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM011	WA800-3	LOADER, FRONT END, WHEEL, 18.30 HEAPED CY BUCKET, ARTICULATED, 4X4	$1,642,984	D-Off 808 HP		2304

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$96.12	$9.75	**$105.87**	$114.22	$9.32	$34.62	$5.30	$99.48	**$262.94**	**$368.81**
Severe	$104.12	$9.80	**$113.92**	$151.06	$12.33	$111.57	$17.07	$115.46	**$407.49**	**$521.41**
Standby	$48.06	$9.75							**$57.81**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM036	WA380-8	LOADER, FRONT END, WHEEL, 3.5 CY - 4.3 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4	$301,228	D-Off 191 HP		410

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.50	$1.79	**$19.29**	$27.00	$2.20	$6.74	$1.03	$18.14	**$55.12**	**$74.41**
Severe	$18.96	$1.80	**$20.76**	$35.71	$2.91	$21.72	$3.32	$21.05	**$84.73**	**$105.49**
Standby	$8.75	$1.79							**$10.54**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40KM037	WA470-8	LOADER, FRONT END, WHEEL, 5.0 CY - 5.8 CY HEAPED BUCKET CAPACITY, ARTICULATED, 4X4	$437,220	D-Off 272 HP		564

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.80	$2.59	**$27.39**	$38.45	$3.14	$14.58	$2.23	$25.84	**$84.24**	**$111.63**
Severe	$26.87	$2.61	**$29.48**	$50.85	$4.15	$46.98	$7.19	$29.99	**$139.16**	**$168.64**
Standby	$12.40	$2.59							**$14.99**	

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS006	221F	LOADER, FRONT END, WHEEL, 1.57 CY BUCKET, ARTICULATED, 4X4	$106,121	D-Off 70 HP		126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.04	$0.66	**$11.70**	$10.85	$1.23	$1.01	$0.15	$12.99	**$26.23**	**$37.93**
Standby	$5.52	$0.66							**$6.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS015	321F	LOADER, FRONT END, WHEEL, 1.70 CY BUCKET, ARTICULATED, 4X4	$116,639	D-Off 74 HP		136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.54	$0.73	**$12.27**	$11.47	$1.30	$3.20	$0.49	$13.72	**$30.19**	**$42.46**
Standby	$5.77	$0.73							**$6.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS039	SR160B	LOADER, FRONT END WHEEL, SKID-STEER, 14.1 CF, 72" BUCKET	$51,263	D-Off 60 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.14	$0.32	**$5.46**	$9.30	$1.05	$1.16	$0.18	$6.10	**$17.78**	**$23.24**
Standby	$2.57	$0.32							**$2.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS040	SR175B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	$56,186	D-Off 64 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.67	$0.35	**$6.02**	$9.92	$1.12	$1.16	$0.18	$6.71	**$19.09**	**$25.11**
Standby	$2.84	$0.35							**$3.19**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS041	SV185	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	$59,217	D-Off 57 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.99	$0.37	**$6.36**	$8.84	$1.00	$1.16	$0.18	$7.09	**$18.27**	**$24.63**
Standby	$3.00	$0.37							**$3.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS042	SR210B	LOADER, FRONT END WHEEL, SKID-STEER, 15.5 CF, 78" BUCKET	$62,507	D-Off 74 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.34	$0.39	**$6.73**	$11.47	$1.30	$1.16	$0.18	$7.50	**$21.60**	**$28.33**
Standby	$3.17	$0.39							**$3.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS043	SR240B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	$64,814	D-Off 74 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.67	$0.40	**$7.07**	$11.47	$1.30	$0.85	$0.13	$7.87	**$21.62**	**$28.69**
Standby	$3.34	$0.40							**$3.74**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS044	SR270B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	$76,069	D-Off 90 HP		90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.88	$0.47	**$8.35**	$13.95	$1.58	$0.85	$0.13	$9.27	**$25.79**	**$34.14**
Standby	$3.94	$0.47							**$4.41**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS045	SV280B	LOADER, FRONT END WHEEL, SKID-STEER, 0.63 CY, 84" BUCKET	$65,205	D-Off 74 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.72	$0.41	**$7.13**	$11.47	$1.30	$0.85	$0.13	$7.92	**$21.67**	**$28.80**
Standby	$3.36	$0.41							**$3.77**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CS047	SV340B	LOADER, FRONT END WHEEL, SKID-STEER, 17.0 CF, 84" BUCKET	$81,413	D-Off 90 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.23	$0.51	**$8.74**	$13.95	$1.58	$1.62	$0.25	$9.74	**$27.14**	**$35.88**
Standby	$4.12	$0.51							**$4.63**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA003	226D	LOADER, FRONT END WHEEL, SKID-STEER, 0.47 HEAPED CY, 60" BUCKET	$40,845	D-Off 67.1 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.17	$0.25	**$4.42**	$10.40	$1.18	$0.66	$0.10	$4.93	**$17.26**	**$21.68**
Standby	$2.09	$0.25							**$2.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA004	232D	LOADER, FRONT END WHEEL, SKID-STEER, HEAPED 0.47 CY, 60" BUCKET	$49,633	D-Off 67.1 HP		62

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.11	$0.31	**$5.42**	$10.40	$1.18	$0.66	$0.10	$6.02	**$18.36**	**$23.78**
Standby	$2.56	$0.31							**$2.87**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA005	236D	LOADER, FRONT END WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET	$56,032	D-Off 74.3 HP		66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.79	$0.35	**$6.14**	$11.52	$1.30	$0.66	$0.10	$6.82	**$20.41**	**$26.55**
Standby	$2.90	$0.35							**$3.25**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA006	242D	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 HEAPED CY, 66" BUCKET	$57,617	D-Off 74.3 HP		71

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.95	$0.36	**$6.31**	$11.52	$1.30	$0.69	$0.11	$7.01	**$20.63**	**$26.94**
Standby	$2.98	$0.36							**$3.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA008	262D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET	$65,226	D-Off 74.3 HP		83

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.76	$0.41	**$7.17**	$11.52	$1.30	$0.69	$0.11	$7.96	**$21.58**	**$28.75**
Standby	$3.38	$0.41							**$3.79**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA010	272D3	LOADER, FRONT END, WHEEL, SKID-STEER, 0.52 CY, 66" BUCKET	$75,389	D-Off 98 HP		91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.85	$0.47	**$8.32**	$15.19	$1.72	$0.69	$0.11	$9.23	**$26.94**	**$35.26**
Standby	$3.93	$0.47							**$4.40**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40CA031	246D	LOADER, FRONT END, WHEEL, SKID-STEER, 15.4 CF, 72" BUCKET, 4X4	$50,940	D-Off 74.3 HP		74

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.24	$0.32	**$5.56**	$11.52	$1.30	$0.69	$0.11	$6.18	**$19.80**	**$25.36**
Standby	$2.62	$0.32							**$2.94**	

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME012	S450	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET	$37,860	D-Off 49 HP		54

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.71	$0.24	**$3.95**	$7.60	$0.86	$1.16	$0.18	$4.42	**$14.22**	**$18.17**
Standby	$1.86	$0.24							**$2.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME016	S70	LOADER, FRONT END, WHEEL, SKID-STEER, 7.4 HEAPED CF, 36" WIDE BUCKET, 4X4	$23,553	D-Off 23.5 HP		28

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.42	$0.15	**$2.57**	$3.64	$0.41	$0.35	$0.05	$2.85	**$7.30**	**$9.87**
Standby	$1.21	$0.15							**$1.36**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME017	S510	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 CF, 62" BUCKET, 4X4	$40,322	D-Off 55 HP		62

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.98	$0.25	**$4.23**	$8.53	$0.97	$1.16	$0.18	$4.73	**$15.56**	**$19.79**
Standby	$1.99	$0.25							**$2.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME021	S62	LOADER, FRONT END, WHEEL, SKID-STEER, 10.5 HEAPED CF, 62" BUCKET, 4X4	$56,545	D-Off 68 HP		69

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.71	$0.35	**$6.06**	$10.54	$1.19	$1.16	$0.18	$6.76	**$19.82**	**$25.88**
Standby	$2.86	$0.35							**$3.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME022	S64	LOADER, FRONT END, WHEEL, SKID-STEER, 20.6 CF, 74" BUCKET, 4X4	$57,359	D-Off 68 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.36	**$6.24**	$10.54	$1.19	$0.85	$0.13	$6.94	**$19.66**	**$25.90**
Standby	$2.94	$0.36							**$3.30**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.20 SKID STEER

MELROE BOBCAT

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L40ME023	S740	LOADER, FRONT END, WHEEL, SKID-STEER, 23.3 HEAPED CF, 78" BUCKET, 4X4	$57,236	D-Off 74 HP		88

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.87	$0.36	**$6.23**	$11.47	$1.30	$0.85	$0.13	$6.92	**$20.68**	**$26.91**
Standby	$2.94	$0.36							**$3.30**	

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$95,504	D-Off 74 HP		110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.02	$0.60	**$7.62**	$10.46	$1.18	$0.49	$0.07	$9.36	**$21.57**	**$29.19**
Severe	$7.59	$0.60	**$8.19**	$13.84	$1.57	$1.22	$0.19	$10.71	**$27.53**	**$35.72**
Standby	$3.51	$0.60							**$4.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$223,578	D-Off 142.1 HP		319

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.51	$1.40	**$17.91**	$20.09	$2.27	$0.87	$0.13	$21.99	**$45.36**	**$63.27**
Severe	$17.85	$1.41	**$19.26**	$26.57	$3.01	$2.17	$0.33	$25.17	**$57.26**	**$76.52**
Standby	$8.26	$1.40							**$9.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$241,348	D-Off 142.1 HP		344

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.73	$1.51	**$19.24**	$20.09	$2.27	$1.24	$0.19	$23.65	**$47.45**	**$66.69**
Severe	$19.17	$1.52	**$20.69**	$26.57	$3.01	$3.11	$0.48	$27.07	**$60.24**	**$80.93**
Standby	$8.87	$1.51							**$10.38**	

* - Adjustable Elements

Region: 2
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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$146,453	D-Off 100 HP		220

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.65	$0.92	**$11.57**	$14.14	$1.60	$1.90	$0.29	$14.24	**$32.17**	**$43.74**
Severe	$11.51	$0.92	**$12.43**	$18.70	$2.12	$4.74	$0.73	$16.30	**$42.58**	**$55.01**
Standby	$5.33	$0.92							**$6.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$167,072	D-Off 111 HP		258

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.16	$1.04	**$13.20**	$15.69	$1.78	$1.24	$0.19	$16.26	**$35.16**	**$48.36**
Severe	$13.15	$1.05	**$14.20**	$20.75	$2.35	$3.11	$0.48	$18.61	**$45.30**	**$59.50**
Standby	$6.08	$1.04							**$7.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$198,093	D-Off 100 HP		262

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.52	$1.24	**$15.76**	$14.14	$1.60	$1.90	$0.29	$19.38	**$37.30**	**$53.06**
Severe	$15.70	$1.25	**$16.95**	$18.70	$2.12	$4.74	$0.73	$22.18	**$48.46**	**$65.41**
Standby	$7.26	$1.24							**$8.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$139,979	D-Off 124 HP		188

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.10	$0.87	**$10.97**	$17.53	$1.98	$2.24	$0.34	$13.53	**$35.63**	**$46.60**
Severe	$10.92	$0.88	**$11.80**	$23.18	$2.62	$5.61	$0.86	$15.49	**$47.76**	**$59.56**
Standby	$5.05	$0.87							**$5.92**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$75,969	D-Off 74 HP		121

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.61	$0.47	**$6.08**	$10.46	$1.18	$0.29	$0.04	$7.47	**$19.45**	**$25.53**
Severe	$6.07	$0.48	**$6.55**	$13.84	$1.57	$0.72	$0.11	$8.56	**$24.79**	**$31.34**
Standby	$2.81	$0.47							**$3.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$152,893	D-Off 74 HP		287

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.84	$0.96	**$11.80**	$10.46	$1.18	$3.52	$0.54	$14.59	**$30.30**	**$42.10**
Severe	$11.72	$0.96	**$12.68**	$13.84	$1.57	$8.81	$1.35	$16.70	**$42.26**	**$54.94**
Standby	$5.42	$0.96							**$6.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$127,477	D-Off 74 HP		156

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.42	$0.80	**$10.22**	$10.46	$1.18	$0.49	$0.07	$12.54	**$24.75**	**$34.97**
Severe	$10.18	$0.80	**$10.98**	$13.84	$1.57	$1.22	$0.19	$14.35	**$31.17**	**$42.15**
Standby	$4.71	$0.80							**$5.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$151,316	D-Off 109 HP		240

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.52	$0.95	**$11.47**	$15.41	$1.74	$4.64	$0.71	$14.24	**$36.75**	**$48.22**
Severe	$11.38	$0.95	**$12.33**	$20.38	$2.31	$11.61	$1.78	$16.29	**$52.37**	**$64.70**
Standby	$5.26	$0.95							**$6.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L40 LOADERS, FRONT END, WHEEL TYPE

L40 0.31 TOOL CARRIER & TELESCOPIC HANDLERS, 0 THRU 225

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$165,584	D-Off 74 HP		275

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.79	$1.03	**$12.82**	$10.46	$1.18	$3.52	$0.54	$15.85	**$31.56**	**$44.38**
Severe	$12.75	$1.04	**$13.79**	$13.84	$1.57	$8.81	$1.35	$18.15	**$43.71**	**$57.50**
Standby	$5.90	$1.03							**$6.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$147,649	D-Off 125 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.52	$0.92	**$11.44**	$17.67	$2.00	$1.85	$0.28	$14.15	**$35.95**	**$47.39**
Severe	$11.38	$0.93	**$12.31**	$23.37	$2.65	$4.63	$0.71	$16.19	**$47.55**	**$59.86**
Standby	$5.26	$0.92							**$6.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$148,004	D-Off 95 HP		191

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.35	$0.93	**$12.28**	$10.40	$4.68	$0.81	$0.12	$14.27	**$30.29**	**$42.57**
Severe	$17.97	$0.97	**$18.94**	$14.73	$6.63	$2.73	$0.42	$24.01	**$48.52**	**$67.46**
Standby	$5.68	$0.93							**$6.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$162,759	D-Off 110 HP		206

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.37	$1.02	**$13.39**	$12.04	$5.42	$1.17	$0.18	$15.60	**$34.40**	**$47.79**
Severe	$19.59	$1.07	**$20.66**	$17.05	$7.67	$3.99	$0.61	$26.24	**$55.56**	**$76.22**
Standby	$6.19	$1.02							**$7.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CS036	580N	LOADER/BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 12.7 CF BACKHOE BUCKET, 18' 3" DIGGING DEPTH, 4X4	$124,580	D-Off 83 HP		158

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.33	$0.78	**$10.11**	$9.08	$4.08	$1.90	$0.29	$11.81	**$27.17**	**$37.28**
Severe	$14.77	$0.82	**$15.59**	$12.87	$5.79	$6.82	$1.04	$19.87	**$46.40**	**$61.99**
Standby	$4.67	$0.78							**$5.45**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA001	416F2	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 13 CF, 14.3' DIGGING DEPTH, 4X4	$124,906	D-Off 95 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.62	$0.78	**$10.40**	$10.40	$4.68	$0.61	$0.09	$12.09	**$27.87**	**$38.27**
Severe	$15.23	$0.82	**$16.05**	$14.73	$6.63	$2.17	$0.33	$20.33	**$44.19**	**$60.24**
Standby	$4.81	$0.78							**$5.59**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA002	420XE	LOADER/BACKHOE, WHEEL, 1.4 CY FRONT END BUCKET, 13 CF BACKHOE BUCKET, 17.5' DIGGING DEPTH, 4X4	$159,703	D-Off 102 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.29	$1.00	**$13.29**	$11.16	$5.02	$0.77	$0.12	$15.45	**$32.51**	**$45.80**
Severe	$19.46	$1.05	**$20.51**	$15.81	$7.11	$2.61	$0.40	$25.99	**$51.92**	**$72.43**
Standby	$6.15	$1.00							**$7.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA003	415	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 7.3 CF, 14' DIGGING DEPTH, 4X4	$97,869	D-Off 75 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.41	$0.61	**$8.02**	$8.21	$3.69	$0.77	$0.12	$9.35	**$22.14**	**$30.16**
Severe	$11.74	$0.64	**$12.38**	$11.63	$5.23	$2.61	$0.40	$15.73	**$35.61**	**$47.99**
Standby	$3.71	$0.61							**$4.32**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA005	450	LOADER / BACKHOE, WHEEL, 1.75 CY FRONT END BUCKET, 9.5 CF, 21.1' DIGGING DEPTH, 4X4	$222,736	D-Off 146 HP		293

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.27	$1.40	**$18.67**	$15.98	$7.19	$0.77	$0.12	$21.66	**$45.71**	**$64.38**
Severe	$27.34	$1.46	**$28.80**	$22.64	$10.18	$2.61	$0.40	$36.44	**$72.28**	**$101.08**
Standby	$8.64	$1.40							**$10.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA037	430	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4	$156,324	D-Off 118 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.03	$0.98	**$13.01**	$12.91	$5.81	$0.77	$0.12	$15.12	**$34.72**	**$47.73**
Severe	$19.04	$1.03	**$20.07**	$18.29	$8.23	$2.61	$0.40	$25.43	**$54.96**	**$75.03**
Standby	$6.02	$0.98							**$7.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50CA101	440	LOADER/BACKHOE, WHEEL, 1.5 CY FRONT END BUCKET, 13 CF, EXTENDABLE STICK, 19.5' MAX DIGGING DEPTH, 4X4	$186,541	D-Off 118 HP		293

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.41	$1.17	**$15.58**	$12.91	$5.81	$0.77	$0.12	$18.09	**$37.70**	**$53.28**
Severe	$22.82	$1.23	**$24.05**	$18.29	$8.23	$2.61	$0.40	$30.44	**$59.97**	**$84.02**
Standby	$7.21	$1.17							**$8.38**	

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50JC008	3CX14	LOADER / BACKHOE, WHEEL, 1.3 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 14.6' DIGGING DEPTH, 4X4	$80,746	D-Off 74 HP		154

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.01	$0.51	**$6.52**	$8.10	$3.64	$0.88	$0.13	$7.61	**$20.37**	**$26.89**
Severe	$9.51	$0.53	**$10.04**	$11.47	$5.16	$2.92	$0.45	$12.81	**$32.80**	**$42.84**
Standby	$3.01	$0.51							**$3.52**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50JC010	3CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 16.3' DIGGING DEPTH, 4X4	$96,694	D-Off 109 HP		175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.26	$0.61	**$7.87**	$11.93	$5.37	$0.88	$0.13	$9.19	**$27.49**	**$35.36**
Severe	$11.50	$0.64	**$12.14**	$16.90	$7.60	$2.92	$0.45	$15.45	**$43.32**	**$55.46**
Standby	$3.63	$0.61							**$4.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50JC011	4CX15 Super	LOADER / BACKHOE, WHEEL, 1.40 CY FRONT END BUCKET, 24" DIP, 7.1 CF, 20.1' DIGGING DEPTH, 4X4	$125,630	D-Off 109 HP		187

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.45	$0.79	**$10.24**	$11.93	$5.37	$1.25	$0.19	$11.95	**$30.69**	**$40.93**
Severe	$14.96	$0.83	**$15.79**	$16.90	$7.60	$4.60	$0.70	$20.10	**$49.90**	**$65.69**
Standby	$4.73	$0.79							**$5.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L50 LOADERS / BACKHOE, WHEEL TYPE

L50 0.00 LOADERS / BACKHOE, WHEEL TYPE

JCB INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L50JC013	3CX COMPACT	COMPACT LOADER/BACKHOE, WHEEL, 0.92 CY FRONT END BUCKET, 2.1 CF, 10.1' DIGGING DEPTH	$83,086	D-Off 74 HP		134

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.34	$0.52	**$6.86**	$8.10	$3.64	$0.59	$0.09	$7.98	**$20.41**	**$27.27**
Severe	$10.03	$0.55	**$10.58**	$11.47	$5.16	$2.18	$0.33	$13.43	**$32.57**	**$43.15**
Standby	$3.17	$0.52							**$3.69**	

L55 LOADER / BACKHOE, ATTACHMENTS

L55 0.00 LOADER / BACKHOE, ATTACHMENTS

FURUKAWA CO.,LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L55FU001	B555	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 500 FT-LB, W/2.5" DIA CHISEL (ADD 175 CFM COMPRESSOR & LDR/BH)	$10,542			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.41	$0.07	**$1.48**	$0.00	$0.52	$0.00	$0.00	$2.06	**$2.58**	**$4.06**
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	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L55FU002	B999	LOADER / BACKHOE, ATTACHMENT, AIR RAM, 1000 FT-LB, W/ 3.5" DIA CHISEL (ADD 250 CFM COMPRESSOR & LDR/BH)	$19,388			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.59	$0.12	**$2.71**	$0.00	$1.06	$0.00	$0.00	$3.79	**$4.85**	**$7.56**
Standby	$1.30	$0.12							**$1.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L55FU003	F6QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1,000 FT-LB, W/3'' DIA. POINT (ADD 12,000-14,000 LOADER/BACKHOE)	$16,526			7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.20	$0.11	**$2.31**	$0.00	$0.00	$0.00	$0.00	$3.23	**$3.23**	**$5.54**
Standby	$1.10	$0.11							**$1.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
L55FU004	F9QT	LOADER / BACKHOE, ATTACHMENT, HYDRAULIC BREAKER, 1500 FT-LB, W/3.5" DIA. POINT (ADD 14,000-20,000 LOADER/BACKHOE)	$24,359			11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.25	$0.16	**$3.41**	$0.00	$0.00	$0.00	$0.00	$4.76	**$4.76**	**$8.17**
Standby	$1.63	$0.16							**$1.79**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

L55 LOADER / BACKHOE, ATTACHMENTS

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD001	540G III	LOG SKIDDER, CABLE, 38,000 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4	$204,660	D-Off 119 HP		228

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.97	$1.20	**$17.17**	$16.82	$2.04	$4.57	$0.70	$15.95	**$40.09**	**$57.26**
Severe	$19.96	$1.23	**$21.19**	$22.25	$2.70	$13.96	$2.14	$22.78	**$63.84**	**$85.03**
Standby	$7.99	$1.20							**$9.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD002	640H	LOG SKIDDER, CABLE, 48,867 LBS LINE-PULL WINCH AND BLADE, WHEEL, 4X4	$267,407	D-Off 151 HP		239

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.30	$1.57	**$22.87**	$21.35	$2.59	$4.57	$0.70	$21.21	**$50.42**	**$73.29**
Severe	$26.63	$1.60	**$28.23**	$28.23	$3.43	$13.96	$2.14	$30.29	**$78.05**	**$106.28**
Standby	$10.65	$1.57							**$12.22**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD003	548G III - GRAPPLE	LOG SKIDDER, 8.0 SF GRAPPLE WITH BLADE, WHEEL, 4X4	$199,817	D-Off 119 HP		217

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.26	$1.17	**$17.43**	$16.82	$2.04	$2.33	$0.36	$16.13	**$37.68**	**$55.11**
Severe	$20.32	$1.20	**$21.52**	$22.25	$2.70	$7.10	$1.09	$23.05	**$56.18**	**$77.70**
Standby	$8.13	$1.17							**$9.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD004	648H	LOG SKIDDER, 10.4 SF GRAPPLE WITH BLADE, WHEEL, 4X4	$290,080	D-Off 160 HP		266

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.23	$1.70	**$24.93**	$22.62	$2.75	$4.57	$0.70	$23.11	**$53.75**	**$78.68**
Severe	$29.03	$1.74	**$30.77**	$29.91	$3.63	$13.96	$2.14	$33.01	**$82.65**	**$113.42**
Standby	$11.62	$1.70							**$13.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

L60 LOG SKIDDERS

L60 0.00 LOG SKIDDERS

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD006	643L	LOG SKIDDER, LOG FELLER/BUNCHER, 18" DIA TREE SAW CUTTER, WHEEL, 4X4	$260,689	D-Off 170 HP		320

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.73	$1.53	**$22.26**	$24.03	$2.92	$4.57	$0.70	$20.64	**$52.87**	**$75.13**
Severe	$25.91	$1.56	**$27.47**	$31.78	$3.86	$13.96	$2.14	$29.49	**$81.23**	**$108.70**
Standby	$10.37	$1.53							**$11.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
L60JD007	843K	LOG SKIDDER, LOG FELLER/BUNCHER, 20" DIA TREE SAW CUTTER, WHEEL, 4X4	$264,955	D-Off 200 HP		323

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.09	$1.55	**$22.64**	$28.27	$3.43	$4.57	$0.70	$21.00	**$57.98**	**$80.62**
Severe	$26.37	$1.59	**$27.96**	$37.39	$4.54	$13.96	$2.14	$30.00	**$88.03**	**$115.99**
Standby	$10.55	$1.55							**$12.10**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ001	BARGE 40'x8'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 8' X 4', 23 TON	$54,166			143

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.12	$0.33	**$8.45**	$0.00	$0.00	$0.00	$0.00	$5.09	**$5.09**	**$13.54**
Standby	$4.06	$0.33							**$4.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ003	BARGE 40'x10'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 10' X 4', 30 TON	$63,364			173

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.50	$0.38	**$9.88**	$0.00	$0.00	$0.00	$0.00	$5.95	**$5.95**	**$15.83**
Standby	$4.75	$0.38							**$5.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ005	BARGE 40'x12'x4'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY', 40' X 12' X 4', 36 TON	$72,286			193

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.84	$0.44	**$11.28**	$0.00	$0.00	$0.00	$0.00	$6.79	**$6.79**	**$18.07**
Standby	$5.42	$0.44							**$5.86**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ007	BARGE 40'x12'x5'	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 40' X 12' X 5', 51 TON	$78,529			217

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.78	$0.47	**$12.25**	$0.00	$0.00	$0.00	$0.00	$7.38	**$7.38**	**$19.63**
Standby	$5.89	$0.47							**$6.36**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX003	20-10-7	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 20' X 10' X 7'	$30,691			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.60	$0.19	**$4.79**	$0.00	$0.00	$0.00	$0.00	$2.88	**$2.88**	**$7.67**
Standby	$2.30	$0.19							**$2.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.41 WORK FLOATS (SECTIONAL, NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX004	40-10-5	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MID-SECTION, 40' X 10' X 5'	$35,548			173

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.33	$0.21	**$5.54**	$0.00	$0.00	$0.00	$0.00	$3.34	**$3.34**	**$8.88**
Standby	$2.67	$0.21							**$2.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX020	48' X 12' X 4' BARGE	MARINE EQUIPMENT, WORK BARGE, SECTIONAL, MEDIUM DUTY, 48' X 12' X 4', 20 TON	$30,580			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.59	$0.18	**$4.77**	$0.00	$0.00	$0.00	$0.00	$2.87	**$2.87**	**$7.64**
Standby	$2.30	$0.18							**$2.48**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.45 FLAT-DECK OR CARGO BARGE (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX005	120-30-7	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 120' X 30' X 7', 480 TON	$305,667			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.23	$1.50	**$4.73**	$0.00	$0.00	$0.00	$0.00	$2.30	**$2.30**	**$7.03**
Standby	$1.62	$1.50							**$3.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX007	140-45-9	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 140' X 45' X 9', 1,255 TON	$356,606			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.76	$1.75	**$5.51**	$0.00	$0.00	$0.00	$0.00	$2.68	**$2.68**	**$8.19**
Standby	$1.88	$1.75							**$3.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX008	150-45-10	MARINE EQUIPMENT, FLAT-DECK CARGO BARGE, 150' X 40' X 10', 1,240 TON	$764,125			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.07	$3.75	**$11.82**	$0.00	$0.00	$0.00	$0.00	$5.74	**$5.74**	**$17.56**
Standby	$4.04	$3.75							**$7.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX016	OPEN 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON	$601,118			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.04	$3.03	**$22.07**	$0.00	$0.00	$0.00	$0.00	$15.81	**$15.81**	**$37.88**
Standby	$9.52	$3.03							**$12.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX017	OPEN 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON	$601,118			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.04	$3.03	**$22.07**	$0.00	$0.00	$0.00	$0.00	$15.81	**$15.81**	**$37.88**
Standby	$9.52	$3.03							**$12.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX018	CLOSED 195	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 195' X 35' X 12', 1,400 TON (COVERED)	$636,776			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.16	$3.21	**$23.37**	$0.00	$0.00	$0.00	$0.00	$16.75	**$16.75**	**$40.12**
Standby	$10.08	$3.21							**$13.29**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
M10XX019	CLOSED 200	MARINE EQUIPMENT, ALL OTHER BARGES, HOPPER, 200' X 35' X 12', 1,600 TON (COVERED)	$636,776			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.16	$3.21	**$23.37**	$0.00	$0.00	$0.00	$0.00	$16.75	**$16.75**	**$40.12**
Standby	$10.08	$3.21							**$13.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: 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	$107,466			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.40	$0.54	**$3.94**	$0.00	$0.00	$0.00	$0.00	$2.83	**$2.83**	**$6.77**
Standby	$1.70	$0.54							**$2.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.48 ALL OTHER BARGES (NON-DREDGING)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$180,720			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.72	$0.91	**$6.63**	$0.00	$0.00	$0.00	$0.00	$4.75	**$4.75**	**$11.38**
Standby	$2.86	$0.91							**$3.77**	

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ010	COLT	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 20.25' X 8' X 3.5'	$114,211	D-Off 135 HP		95

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.07	$0.64	**$6.71**	$19.08	$3.13	$0.00	$0.00	$5.63	**$27.85**	**$34.56**
Severe	$7.47	$0.65	**$8.12**	$25.24	$4.14	$0.00	$0.00	$7.43	**$36.81**	**$44.93**
Standby	$3.04	$0.64							**$3.68**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DRECDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MARINE INLAND FABRICATORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ011	MUSTANG	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 10' X 3.5'	$151,896	D-Off 200 HP		180

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.07	$0.86	**$8.93**	$28.27	$4.64	$0.00	$0.00	$7.49	**$40.40**	**$49.33**
Severe	$9.93	$0.87	**$10.80**	$37.39	$6.14	$0.00	$0.00	$9.88	**$53.41**	**$64.21**
Standby	$4.04	$0.86							**$4.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ014	CLYDESDALE	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 14' X 5'	$243,715	D-Off 600 HP		380

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.95	$1.38	**$14.33**	$84.82	$13.93	$0.00	$0.00	$12.02	**$110.77**	**$125.10**
Severe	$15.94	$1.40	**$17.34**	$112.18	$18.42	$0.00	$0.00	$15.85	**$146.45**	**$163.79**
Standby	$6.48	$1.38							**$7.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

MUNSON WORKBOATS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10M5001	19-8	MARINE EQUIPMENT, BOATS & LAUNCHES, 19' UTILITY, ROOF COVERING, 8' BEAM, SINGLE 115 HP OUTBOARD MOTOR	$65,595	Gas 115 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.48	$0.37	**$3.85**	$28.02	$3.89	$0.00	$0.00	$3.23	**$35.14**	**$38.99**
Severe	$4.29	$0.38	**$4.67**	$36.57	$5.07	$0.00	$0.00	$4.27	**$45.91**	**$50.58**
Standby	$1.74	$0.37							**$2.11**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10M5002	21-22	MARINE EQUIPMENT, BOATS & LAUNCHES, 21' UTILITY, ROOF COVERING, 8.5' BEAM, SINGLE 150 HP OUTBOARD MOTOR	$75,666	Gas 150 HP		35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.02	$0.43	**$4.45**	$36.55	$5.07	$0.00	$0.00	$3.73	**$45.35**	**$49.80**
Severe	$4.95	$0.43	**$5.38**	$47.70	$6.62	$0.00	$0.00	$4.92	**$59.24**	**$64.62**
Standby	$2.01	$0.43							**$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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10M5003	23-20	MARINE EQUIPMENT, BOATS & LAUNCHES, 23' UTILITY, ROOF COVERING, 8.5' BEAM, TWIN 115 HP OUTBOARD MOTORS	$90,744	Gas 230 HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.82	$0.51	**$5.33**	$56.04	$7.77	$0.00	$0.00	$4.47	**$68.29**	**$73.62**
Severe	$5.93	$0.52	**$6.45**	$73.14	$10.15	$0.00	$0.00	$5.90	**$89.19**	**$95.64**
Standby	$2.41	$0.51							**$2.92**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX009	17' RUNABOUT	MARINE EQUIPMENT, BOATS & LAUNCHES, 17' RUNABOUT, 6' BEAM, OUTBOARD ENGINE	$30,205	Gas 90 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.60	$0.17	**$1.77**	$21.93	$3.04	$0.00	$0.00	$1.49	**$26.46**	**$28.23**
Severe	$1.97	$0.17	**$2.14**	$28.62	$3.97	$0.00	$0.00	$1.96	**$34.55**	**$36.69**
Standby	$0.80	$0.17							**$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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX010	16' TENDER	MARINE EQUIPMENT, BOATS & LAUNCHES, 16' TENDER, 6.5' BEAM, OUTBOARD ENGINE	$9,262	Gas 10 HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.05	**$0.54**	$2.44	$0.34	$0.00	$0.00	$0.46	**$3.24**	**$3.78**
Severe	$0.61	$0.05	**$0.66**	$3.18	$0.44	$0.00	$0.00	$0.60	**$4.22**	**$4.88**
Standby	$0.25	$0.05							**$0.30**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX031	25' - 225 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' LENGTH, 8' BEAM, CANOPY, INBOARD ENGINE	$49,583	Gas 300 HP		27

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.63	$0.28	**$2.91**	$73.10	$10.14	$0.00	$0.00	$2.44	**$85.69**	**$88.60**
Severe	$3.24	$0.28	**$3.52**	$95.40	$13.23	$0.00	$0.00	$3.22	**$111.86**	**$115.38**
Standby	$1.32	$0.28							**$1.60**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.51 BOATS & LAUNCHES, 0 THRU 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
M10XX051	15' ALUMINUM BOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 15' LENGTH, OUTBOARD MOTOR	$10,922	Gas	25	HP		10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.58	$0.06	**$0.64**	$6.09	$0.84	$0.00	$0.00	$0.54	**$7.47**	**$8.11**
Severe	$0.71	$0.06	**$0.77**	$7.95	$1.10	$0.00	$0.00	$0.71	**$9.76**	**$10.53**
Standby	$0.29	$0.06							**$0.35**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
M10XX052	20' SKIFF	MARINE EQUIPMENT, BOATS & LAUNCHES, 20' LENGTH, OUTBOARD MOTOR	$21,457	Gas	90	HP		13

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.14	$0.12	**$1.26**	$21.93	$3.04	$0.00	$0.00	$1.06	**$26.03**	**$27.29**
Severe	$1.40	$0.12	**$1.52**	$28.62	$3.97	$0.00	$0.00	$1.40	**$33.99**	**$35.51**
Standby	$0.57	$0.12							**$0.69**	

* - 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	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10MZ013	STALLION	MARINE EQUIPMENT, BOATS & LAUNCHES, TRUCKABLE WORKBOAT W/PILOT HOUSE & PUSH KNEES, INBOARD, 25.25' X 12' X 4'	$220,106	D-Off 400 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.01	$1.19	**$12.20**	$56.54	$9.28	$0.00	$0.00	$11.03	**$76.85**	**$89.05**
Severe	$13.21	$1.20	**$14.41**	$74.78	$12.28	$0.00	$0.00	$14.06	**$101.12**	**$115.53**
Standby	$5.51	$1.19							**$6.70**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX022	500	MARINE EQUIPMENT, BOATS & LAUNCHES, 50' LENGTH, 16' BEAM, 5' 0" DRAFT, PUSH BOAT	$614,042	D-Off 750 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.70	$3.31	**$34.01**	$106.02	$17.41	$0.00	$0.00	$30.76	**$154.19**	**$188.20**
Severe	$36.84	$3.35	**$40.19**	$140.22	$23.03	$0.00	$0.00	$39.22	**$202.47**	**$242.66**
Standby	$15.35	$3.31							**$18.66**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX023	550	MARINE EQUIPMENT, BOATS & LAUNCHES, 55' LENGTH, 24' BEAM, 7' 5" DRAFT PUSH BOAT	$3,059,154	D-Off 710 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$152.96	$16.51	**$169.47**	$100.37	$16.48	$0.00	$0.00	$153.24	**$270.10**	**$439.57**
Severe	$183.55	$16.71	**$200.26**	$132.74	$21.80	$0.00	$0.00	$195.39	**$349.92**	**$550.18**
Standby	$76.48	$16.51							**$92.99**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX024	600	MARINE EQUIPMENT, BOATS & LAUNCHES, 60' LENGTH, 26' BEAM, 8' 0" DRAFT, PUSH BOAT	$1,735,548	D-Off 2100 HP		130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$86.78	$9.36	**$96.14**	$296.86	$48.75	$0.00	$0.00	$86.94	**$432.55**	**$528.69**
Severe	$104.13	$9.48	**$113.61**	$392.62	$64.48	$0.00	$0.00	$110.85	**$567.94**	**$681.55**
Standby	$43.39	$9.36							**$52.75**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX032	25' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' LENGTH, 14' BEAM, 5' DRAFT, PUSH BOAT, INBOARD ENGINES	$211,731	D-Off 400 HP		380

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.59	$1.14	**$11.73**	$56.54	$9.28	$0.00	$0.00	$10.61	**$76.43**	**$88.16**
Severe	$12.70	$1.16	**$13.86**	$74.78	$12.28	$0.00	$0.00	$13.52	**$100.58**	**$114.44**
Standby	$5.30	$1.14							**$6.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX035	25' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 25.25' LENGTH, 14' BEAM, 3.5' DRAFT, PUSH BOAT, INBOARD ENGINES	$235,589	D-Off 600 HP		430

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.78	$1.27	**$13.05**	$84.82	$13.93	$0.00	$0.00	$11.80	**$110.55**	**$123.60**
Severe	$14.14	$1.29	**$15.43**	$112.18	$18.42	$0.00	$0.00	$15.05	**$145.65**	**$161.08**
Standby	$5.89	$1.27							**$7.16**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX037	28' - 300 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 28' LENGTH, 9.5' BEAM, ENCLOSED CABIN, OUTBOARD ENGINE	$84,026	Gas 300 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.20	$0.45	**$4.65**	$73.10	$10.14	$0.00	$0.00	$4.21	**$87.45**	**$92.10**
Severe	$5.04	$0.46	**$5.50**	$95.40	$13.23	$0.00	$0.00	$5.37	**$114.00**	**$119.50**
Standby	$2.10	$0.45							**$2.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX038	34' - 500 HP	MARINE EQUIPMENT, BOATS & LAUNCHES, 34' LENGTH, ENCLOSED CABIN, OUTBOARD ENGINE	$185,604	Gas 500 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.28	$1.00	**$10.28**	$121.84	$16.90	$0.00	$0.00	$9.30	**$148.04**	**$158.32**
Severe	$11.14	$1.01	**$12.15**	$159.01	$22.06	$0.00	$0.00	$11.85	**$192.92**	**$205.07**
Standby	$4.64	$1.00							**$5.64**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.53 BOATS & LAUNCHES, GREATER THAN 250 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX039	35' PUSHBOAT	MARINE EQUIPMENT, BOATS & LAUNCHES, 35' LENGTH, 16' BEAM, 6' DRAFT, PUSH BOAT, INBOARD ENGINES	$354,360	D-Off 600 HP		500

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.72	$1.91	**$19.63**	$84.82	$13.93	$0.00	$0.00	$17.75	**$116.50**	**$136.13**
Severe	$21.26	$1.94	**$23.20**	$112.18	$18.42	$0.00	$0.00	$22.63	**$153.23**	**$176.43**
Standby	$8.86	$1.91							**$10.77**	

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX013	250 HD	MARINE EQUIPMENT, BOATS & LAUNCHES, 25', SHALLOW DRAFT, INLAND TUG, HEAVY DUTY	$265,523	D-Off 660 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.97	$1.39	**$7.36**	$87.28	$14.33	$0.00	$0.00	$6.73	**$108.35**	**$115.71**
Standby	$2.99	$1.39							**$4.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

M10 MARINE EQUIPMENT (NON DREDGING)

M10 0.54 TUGS, UNDER 1,000 HP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX015	250	MARINE EQUIPMENT, BOATS & LAUNCHES, 25' X 14', INLAND TUG	$195,865	D-Off 305 HP		83

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.41	$1.02	**$5.43**	$40.33	$6.62	$0.00	$0.00	$4.97	**$51.92**	**$57.35**
Standby	$2.21	$1.02							**$3.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
M10XX021	390	MARINE EQUIPMENT, BOATS & LAUNCHES, 39', STANDARD RUDDER, INLAND TUG	$715,922	D-Off 380 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.11	$3.74	**$19.85**	$50.25	$8.25	$0.00	$0.00	$18.16	**$76.66**	**$96.51**
Standby	$8.06	$3.74							**$11.80**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P10HS006	1' L SWING LEAD 8X21	8" X 21" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	$333			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.00	$0.00	$0.00	$0.00	$0.05	**$0.05**	**$0.09**
Standby	$0.02	$0.00							**$0.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P10HS007	1' L SWING LEAD 8X27	8" X 27" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	$342			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.00	$0.00	$0.00	$0.00	$0.05	**$0.05**	**$0.09**
Standby	$0.02	$0.00							**$0.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P10HS008	1' L SWING LEAD 8X32	8" X 32" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	$431			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	$0.07	**$0.07**	**$0.12**
Standby	$0.03	$0.00							**$0.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P10HS009	1' L SWING LEAD 8X42	8" X 42" SWINGING PILE LEADS (1' LENGTH) MULTIPLY FOR THE DESIRED HEIGHT	$521			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.06	$0.00	**$0.06**	$0.00	$0.00	$0.00	$0.00	$0.08	**$0.08**	**$0.14**
Standby	$0.03	$0.00							**$0.03**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P10HS010	21" PRIMARY CAP	21" PILE CAP WITH CUSHION & STRIKER PLATE	$2,663			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.29	$0.02	**$0.31**	$0.00	$0.00	$0.00	$0.00	$0.42	**$0.42**	**$0.73**
Standby	$0.15	$0.02							**$0.17**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P10HS011	27" PRIMARY CAP	27" PILE CAP WITH CUSHION & STRIKER PLATE	$4,448			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.48	$0.03	**$0.51**	$0.00	$0.00	$0.00	$0.00	$0.70	**$0.70**	**$1.21**
Standby	$0.24	$0.03							**$0.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P10HS012	32" PRIMARY CAP	32" PILE CAP WITH CUSHION & STRIKER PLATE	$6,792			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.74	$0.05	**$0.79**	$0.00	$0.00	$0.00	$0.00	$1.06	**$1.06**	**$1.85**
Standby	$0.37	$0.05							**$0.42**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P10HS013	43" PRIMARY CAP	43" PILE CAP WITH CUSHION & STRIKER PLATE	$9,071			18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.98	$0.06	**$1.04**	$0.00	$0.00	$0.00	$0.00	$1.42	**$1.42**	**$2.46**
Standby	$0.49	$0.06							**$0.55**	

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P10IC010	SWING 8" X 26"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 26" X 84'	$31,333			101

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.39	$0.22	**$3.61**	$0.00	$0.00	$0.00	$0.00	$4.90	**$4.90**	**$8.51**
Standby	$1.70	$0.22							**$1.92**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$118,251	D-Off 51 HP		134

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.81	$0.82	**$13.63**	$7.21	$1.00	$0.00	$0.00	$18.49	**$26.70**	**$40.33**
Standby	$6.41	$0.82							**$7.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P10IC012	SWING 8" X 32"	PILE HAMMER ACCESSORIES, PILE LEADS, SWING, 8" X 32" X 84'	$46,235			155

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.01	$0.32	**$5.33**	$0.00	$0.00	$0.00	$0.00	$7.23	**$7.23**	**$12.56**
Standby	$2.51	$0.32							**$2.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P10 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEADS

P10 0.00 PILE HAMMER ACCESSORIES - EXTRACTORS & BOX LEA

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$141,543	D-Off 51 HP		193

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.33	$0.98	**$16.31**	$7.21	$1.00	$0.00	$0.00	$22.13	**$30.34**	**$46.65**
Standby	$7.67	$0.98							**$8.65**	

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL001	D6-42	PILE HAMMER, SINGLE ACTING, DIESEL, 10,500 FT-LBS (ADD LEADS & CRANE)	$26,772	D-Off 21 HP		36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.57	$0.17	**$3.74**	$2.97	$2.31	$0.00	$0.00	$5.23	**$10.51**	**$14.25**
Standby	$1.79	$0.17							**$1.96**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL003	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,320 FT-LBS (ADD LEADS & CRANE)	$34,793	D-Off 54 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.64	$0.22	**$4.86**	$7.63	$3.46	$0.00	$0.00	$6.80	**$17.89**	**$22.75**
Standby	$2.32	$0.22							**$2.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL004	D19-42	PILE HAMMER, SINGLE ACTING, DIESEL, 42,800 FT-LBS (ADD LEADS & CRANE)	$39,525	D-Off 68 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.27	$0.25	**$5.52**	$9.61	$4.93	$0.00	$0.00	$7.72	**$22.27**	**$27.79**
Standby	$2.64	$0.25							**$2.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL005	D25-32	PILE HAMMER, SINGLE ACTING, DIESEL, 58,248 FT-LBS (ADD LEADS & CRANE)	$68,002	D-Off 105 HP		124

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.07	$0.44	**$9.51**	$14.84	$7.36	$0.00	$0.00	$13.29	**$35.49**	**$45.00**
Standby	$4.54	$0.44							**$4.98**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL006	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,898 FT-LBS (ADD LEADS & CRANE)	$69,369	D-Off 119 HP		135

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.25	$0.44	**$9.69**	$16.82	$8.93	$0.00	$0.00	$13.56	**$39.31**	**$49.00**
Standby	$4.63	$0.44							**$5.07**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL008	D46-32	PILE HAMMER, SINGLE ACTING, DIESEL, 107,177 FT-LBS (ADD LEADS & CRANE)	$87,000	D-Off 196 HP		196

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.60	$0.56	**$12.16**	$27.71	$9.14	$0.00	$0.00	$17.00	**$53.86**	**$66.02**
Standby	$5.80	$0.56							**$6.36**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL009	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 165,000 FT-LBS (ADD LEADS & CRANE)	$127,718	D-Off 249 HP		270

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.03	$0.82	**$17.85**	$35.20	$11.48	$0.00	$0.00	$24.96	**$71.64**	**$89.49**
Standby	$8.52	$0.82							**$9.34**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

BAUER-PILECO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL010	D80-23	PILE HAMMER, SINGLE ACTING, DIESEL, 225,000 FT-LBS (ADD LEADS & CRANE)	$199,159	D-Off 290 HP		373

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.55	$1.27	**$27.82**	$40.99	$13.94	$0.00	$0.00	$38.92	**$93.85**	**$121.67**
Standby	$13.28	$1.27							**$14.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25DL011	D100-23	PILE HAMMER, SINGLE ACTING, DIESEL, 300,000 FT-LBS (ADD LEADS & CRANE)	$248,139	D-Off 362 HP		449

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$33.09	$1.59	**$34.68**	$51.17	$17.00	$0.00	$0.00	$48.49	**$116.66**	**$151.34**
Standby	$16.55	$1.59							**$18.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25MK001	D12-42	PILE HAMMER, SINGLE ACTING, DIESEL, 31,335 FT-LBS (ADD LEADS & CRANE)	$32,279	D-Off 39 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.30	$0.21	**$4.51**	$5.51	$0.76	$0.00	$0.00	$6.31	**$12.58**	**$17.09**
Standby	$2.15	$0.21							**$2.36**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25MK002	D62-22	PILE HAMMER, SINGLE ACTING, DIESEL, 162,000 FT-LBS (ADD LEADS & CRANE)	$125,760	D-Off 171 HP		321

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.77	$0.80	**$17.57**	$24.17	$3.35	$0.00	$0.00	$24.58	**$52.10**	**$69.67**
Standby	$8.39	$0.80							**$9.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25MK003	D30-32	PILE HAMMER, SINGLE ACTING, DIESEL, 69,937 FT-LBS (ADD LEADS & CRANE)	$59,091	D-Off 85 HP		160

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.88	$0.38	**$8.26**	$12.02	$1.67	$0.00	$0.00	$11.55	**$25.24**	**$33.50**
Standby	$3.94	$0.38							**$4.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P25 PILE HAMMERS, SINGLE ACTING

P25 0.10 PILE HAMMERS, SINGLE ACTING - DIESEL

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25MK004	D100-13	PILE HAMMER, SINGLE ACTING, DIESEL, 246,000 FT-LBS (ADD LEADS & CRANE)	$208,483	D-Off 256 HP		529

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$27.80	$1.33	**$29.13**	$36.19	$5.02	$0.00	$0.00	$40.74	**$81.95**	**$111.08**
Standby	$13.90	$1.33							**$15.23**	

P25 0.20 PILE HAMMERS, SINGLE ACTING - PNEUMATIC (STEAM/A

VULCAN HAMMER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU002	306	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 18,000 FT-LBS (ADD 750 CFM COMPRESSOR, LEADS & CRANE)	$67,932	Air 750 CFM		121

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.62	$0.42	**$10.04**	$0.00	$2.50	$0.00	$0.00	$13.28	**$15.78**	**$25.82**
Standby	$4.81	$0.42							**$5.23**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU003	505	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 25,000 FT-LBS (ADD 600 CFM COMPRESSOR, LEADS & CRANE)	$83,214	Air 600 CFM		127

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.79	$0.52	**$12.31**	$0.00	$2.50	$0.00	$0.00	$16.26	**$18.76**	**$31.07**
Standby	$5.90	$0.52							**$6.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU004	506	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 32,500 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)	$85,176	Air 900 CFM		140

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.07	$0.53	**$12.60**	$0.00	$2.50	$0.00	$0.00	$16.65	**$19.15**	**$31.75**
Standby	$6.04	$0.53							**$6.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU005	508	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 40,000 FT-LBS (ADD 900 CFM COMPRESSOR, LEADS & CRANE)	$114,603	Air 900 CFM		202

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.24	$0.71	**$16.95**	$0.00	$2.50	$0.00	$0.00	$22.40	**$24.90**	**$41.85**
Standby	$8.12	$0.71							**$8.83**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU010	510	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 50,000 FT-LBS (ADD 1,050 CFM COMPRESSOR, LEADS & CRANE)	$118,133	Air 1050 CFM		222

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.74	$0.73	**$17.47**	$0.00	$0.95	$0.00	$0.00	$23.09	**$24.04**	**$41.51**
Standby	$8.37	$0.73							**$9.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P25VU011	512	PILE HAMMER, SINGLE ACTING, PNUEMATIC (STEAM/AIR), 60,000 FT-LBS (ADD 1,200 CFM COMPRESSOR, LEADS & CRANE)	$118,400	Air 1200 CFM		242

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.77	$0.74	**$17.51**	$0.00	$1.17	$0.00	$0.00	$23.14	**$24.31**	**$41.82**
Standby	$8.39	$0.74							**$9.13**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS001	44 HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 180 TON DRIVE FORCE, MAX LINE PULL OF 86 TONS	$395,687	D-Off 575 HP		345

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.76	$2.53	**$55.29**	$81.28	$11.28	$0.00	$0.00	$77.33	**$169.88**	**$225.17**
Standby	$26.38	$2.53							**$28.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS002	HVR100	EXCAVATOR MOUNTED VIBRATORY HAMMER, 56 TON DRIVING FORCE, ADD 235HP - 300HP EXCAVATOR	$77,397			51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.32	$0.50	**$10.82**	$0.00	$0.00	$0.00	$0.00	$15.13	**$15.13**	**$25.95**
Standby	$5.16	$0.50							**$5.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS003	58HS	CRANE SUSPENDED VIBRATORY HAMMER/EXTRACTOR, 199 TON DRIVE FORCE, MAX LINE PULL OF 70 TONS	$298,703	D-Off 595 HP		370

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.83	$1.91	**$41.74**	$84.11	$11.67	$0.00	$0.00	$58.38	**$154.15**	**$195.89**
Standby	$19.92	$1.91							**$21.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS004	HVR60	EXCAVATOR MOUNTED VIBRATORY HAMMER, 45 TON DRIVING FORCE, ADD 130HP - 235HP EXCAVATOR	$49,636			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.62	$0.32	**$6.94**	$0.00	$0.00	$0.00	$0.00	$9.70	**$9.70**	**$16.64**
Standby	$3.31	$0.32							**$3.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS005	HVR85	EXCAVATOR MOUNTED VIBRATORY HAMMER, 55 TON DRIVING FORCE, ADD 175HP - 300HP EXCAVATOR	$73,473			50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.80	$0.47	**$10.27**	$0.00	$0.00	$0.00	$0.00	$14.36	**$14.36**	**$24.63**
Standby	$4.90	$0.47							**$5.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS014	15HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 58 TON DRIVE FORCE, MAX LINE PULL OF 35 TONS	$134,971	D-Off 215 HP		125

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.00	$0.86	**$18.86**	$30.39	$4.22	$0.00	$0.00	$26.38	**$60.98**	**$79.84**
Standby	$9.00	$0.86							**$9.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

HAMMER & STEEL

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30HS015	26HS	CRANE SUSPENDED VIBRATORY HAMMER/ EXTRACTOR, 95 TON DRIVE FORCE, MAX LINE PULL OF 55 TONS	$298,256	D-Off 350 HP		217

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.77	$1.91	**$41.68**	$49.48	$6.86	$0.00	$0.00	$58.29	**$114.63**	**$156.31**
Standby	$19.89	$1.91							**$21.80**	

INTERNATIONAL CONSTRUCTION EQUIPMENT,INC

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$234,507	D-Off 350 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.27	$1.50	**$32.77**	$49.48	$6.86	$0.00	$0.00	$45.83	**$102.17**	**$134.94**
Standby	$15.64	$1.50							**$17.14**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30MK001	V5E W/ HP185	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 53 TON FORCE DRIVE (ADD CRANE)	$156,648	D-Off 185 HP		128

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.89	$1.00	**$21.89**	$26.15	$3.63	$0.00	$0.00	$30.61	**$60.39**	**$82.28**
Standby	$10.45	$1.00							**$11.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30MK002	V2E W/ HP85	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 25 TON FORCE DRIVE (ADD CRANE)	$92,282	D-Off 85 HP		56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.30	$0.59	**$12.89**	$12.02	$1.67	$0.00	$0.00	$18.03	**$31.72**	**$44.61**
Standby	$6.15	$0.59							**$6.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30MK003	V22 W/ HP365	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 100 TON FORCE DRIVE (ADD CRANE)	$234,412	D-Off 365 HP		206

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.25	$1.50	**$32.75**	$51.60	$7.16	$0.00	$0.00	$45.81	**$104.57**	**$137.32**
Standby	$15.63	$1.50							**$17.13**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P30 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

P30 0.00 PILE HAMMERS, DRIVER/ EXTRACTOR, VIBRATORY

MKT MANUFACTURING, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P30MK004	V52 W/ HP700	PILE HAMMER, DRIVER/EXTRACTOR, VIBRATORY, 201 TON FORCE DRIVE (ADD CRANE)	$392,727	D-Off 700 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.36	$2.51	**$54.87**	$98.95	$13.73	$0.00	$0.00	$76.75	**$189.43**	**$244.30**
Standby	$26.18	$2.51							**$28.69**	

P35 PIPELAYERS

P35 0.00 PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P35CA011	PL83	PIPELAYER, 24' BOOM, 170,000 LBS CAPACITY	$825,085	D-Off 319 HP		859

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.15	$4.87	**$52.02**	$24.73	$4.29	$0.00	$0.00	$65.53	**$94.55**	**$146.57**
Severe	$57.40	$4.94	**$62.34**	$32.00	$5.55	$0.00	$0.00	$92.37	**$129.92**	**$192.26**
Standby	$23.58	$4.87							**$28.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P35 PIPELAYERS

P35 0.00 PIPELAYERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P35CA012	PL87	PIPELAYER, 28' BOOM, 216,000 LBS CAPACITY	$980,139	D-Off 323 HP		906

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$56.01	$5.79	**$61.80**	$25.04	$4.34	$0.00	$0.00	$77.85	**$107.23**	**$169.03**
Severe	$68.18	$5.86	**$74.04**	$32.40	$5.62	$0.00	$0.00	$109.73	**$147.75**	**$221.79**
Standby	$28.01	$5.79							**$33.80**	

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40XX025	COMMANDER 4047	DIGGER DERRICK, 47' SHEAVE HEIGHT WITH 35' HORIZONTAL REACH, 25K LB LOAD CAPACITY, MOUNTED ON FREIGHTLINER M2 TRUCK	$205,447	D-On 300 HP		330

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.60	$1.19	**$23.79**	$39.24	$4.76	$0.78	$0.12	$23.09	**$67.99**	**$91.78**
Standby	$11.30	$1.19							**$12.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$119,595	D-On 300 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.20	$0.69	**$13.89**	$39.24	$4.76	$0.40	$0.06	$13.49	**$57.95**	**$71.84**
Standby	$6.60	$0.69							**$7.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$112,651	D-On 360 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.42	$0.65	**$13.07**	$47.09	$5.72	$0.40	$0.06	$12.69	**$65.95**	**$79.02**
Standby	$6.21	$0.65							**$6.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P40 PLATFORMS & MAN-LIFTS

P40 0.00 PLATFORMS & MAN-LIFTS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$197,982	D-On 300 HP		450

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.88	$1.15	**$23.03**	$39.24	$4.76	$0.61	$0.09	$22.35	**$67.05**	**$90.08**
Standby	$10.94	$1.15							**$12.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40XX064	F550 BUCKET TRUCK	LINETRUCK, F550 WITH VERSALIFT TRUGUARD 2.0, 1000 LB CAPACITY, TOOL BOX BODY	$130,484	D-On 330 HP		195

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.43	$0.76	**$15.19**	$43.16	$5.24	$0.38	$0.06	$14.74	**$63.57**	**$78.76**
Standby	$7.22	$0.76							**$7.98**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$23,757	Elec 1.07 HP		21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.67	$0.14	**$2.81**	$0.07	$0.08	$0.00	$0.00	$2.72	**$2.88**	**$5.69**
Standby	$1.34	$0.14							**$1.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$136,646	D-Off 48 HP		134

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.78	$0.79	**$15.57**	$5.25	$0.64	$1.46	$0.22	$15.13	**$22.70**	**$38.27**
Standby	$7.39	$0.79							**$8.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$268,625	D-Off 58 HP		355

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$30.03	$1.56	**$31.59**	$6.35	$0.77	$0.30	$0.05	$30.64	**$38.10**	**$69.69**
Standby	$15.02	$1.56							**$16.58**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$201,109	D-Off 48 HP		219

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$22.44	$1.17	**$23.61**	$5.25	$0.64	$0.30	$0.05	$22.90	**$29.12**	**$52.73**
Standby	$11.22	$1.17							**$12.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40TE021	S60XC	MAN-LIFT, STRAIGHT BOOM, 64' WORKING HEIGHT, 500 LBS, 51' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM	$194,077	D-Off 48 HP		208

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.65	$1.13	**$22.78**	$5.25	$0.64	$0.30	$0.05	$22.09	**$28.32**	**$51.10**
Standby	$10.83	$1.13							**$11.96**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40TE022	SX-105XC	MAN-LIFT, STRAIGHT BOOM, 111' HEIGHT, 660 LBS, 80' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM	$352,833	D-Off 74 HP		426

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.51	$2.05	**$41.56**	$8.10	$0.98	$0.30	$0.05	$40.30	**$49.72**	**$91.28**
Standby	$19.76	$2.05							**$21.81**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40TE023	S-40	MAN-LIFT, STRAIGHT BOOM, 46' WORKING HEIGHT, 660 LBS, 32' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM	$143,908	D-Off 48 HP		124

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.03	$0.84	**$16.87**	$5.25	$0.64	$0.25	$0.04	$16.36	**$22.54**	**$39.41**
Standby	$8.02	$0.84							**$8.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P40TE024	S-85XC	MAN-LIFT, STRAIGHT BOOM, 91' HEIGHT, 660 LBS, 76.5' REACH, 4X4, SELF PROPELLED, 3' X 8' PLATFORM	$279,912	D-Off 74 HP		380

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.30	$1.62	**$32.92**	$8.10	$0.98	$0.30	$0.05	$31.93	**$41.36**	**$74.28**
Standby	$15.65	$1.62							**$17.27**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$38,848	Elec 2 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.33	$0.23	**$4.56**	$0.13	$0.06	$0.05	$0.01	$4.42	**$4.68**	**$9.24**
Standby	$2.17	$0.23							**$2.40**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$46,740	Elec 2 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.22	$0.27	**$5.49**	$0.13	$0.06	$0.05	$0.01	$5.33	**$5.58**	**$11.07**
Standby	$2.61	$0.27							**$2.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$25,520	Elec 2 HP		36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.83	$0.15	**$2.98**	$0.13	$0.06	$0.05	$0.01	$2.89	**$3.15**	**$6.13**
Standby	$1.42	$0.15							**$1.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$107,092	D-Off 24.8 HP		111

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.28	$0.62	**$11.90**	$2.71	$0.33	$1.21	$0.19	$11.58	**$16.02**	**$27.92**
Standby	$5.64	$0.62							**$6.26**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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	$140,769	D-Off 48 HP		183

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.36	$0.82	**$13.18**	$5.25	$0.64	$8.58	$1.31	$12.96	**$28.74**	**$41.92**
Standby	$6.18	$0.82							**$7.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$444,329	D-Off 74 HP		465

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$49.80	$2.58	**$52.38**	$8.10	$0.98	$0.30	$0.05	$50.79	**$60.22**	**$112.60**
Standby	$24.90	$2.58							**$27.48**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45AF003	HG-9	PUMP, GROUT, HAND PUMP, 15 CF/HR, 0-100 PSI, W/5 GAL HOPPER (ADD 1" HOSES)	$1,585			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	$0.23	**$0.23**	**$0.41**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45AF010	PC3	PUMP, GROUT/SHOTCRETE, SELF CONTAINED W/ 7 CY/HR MIXER, HIGH PRESSURE DUAL CYLINDER PUMP, S-TUBE, TRAILER MTD	$78,262	D-Off 46 HP		38

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.28	$0.47	**$8.75**	$9.44	$1.15	$0.04	$0.01	$11.43	**$22.06**	**$30.81**
Standby	$4.14	$0.47							**$4.61**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$38,538	Gas 35 HP		14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.09	$0.23	**$4.32**	$12.43	$1.72	$0.00	$0.00	$5.65	**$19.80**	**$24.12**
Standby	$2.05	$0.23							**$2.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$7,201			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	$1.06	**$1.06**	**$1.87**
Standby	$0.39	$0.04							**$0.43**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
P45CG001	CG-050	PUMP, GROUT, MINI, AIR, 40 CF/HR, 225 PSI, PORTABLE, SKID MTD (ADD 15 CFM - 100 PSI COMPRESSOR)	$1,707			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	$0.25	**$0.30**	**$0.49**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
P45CG002	CG-550P	PUMP, GROUT, MIXER, AIR, 40 CF/HR, 225 PSI, SKID MTD (ADD 85 CFM - 100 PSI COMPRESSOR)	$7,556			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.80	$0.05	**$0.85**	$0.00	$0.10	$0.00	$0.00	$1.11	**$1.21**	**$2.06**
Standby	$0.40	$0.05							**$0.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$20,827			12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.21	$0.12	**$2.33**	$0.00	$0.15	$0.00	$0.00	$3.05	**$3.20**	**$5.53**
Standby	$1.11	$0.12							**$1.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45CG006	CG575/3C6/DH20	PUMP, GROUT, THICK MIX, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT	$30,680	D-Off 20 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.24	$0.18	**$3.42**	$4.10	$0.50	$0.03	$0.00	$4.47	**$9.10**	**$12.52**
Standby	$1.62	$0.18							**$1.80**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

CHEMGROUT, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45CG007	CG575/3C6/DH24/AC	PUMP, GROUT, SPRAY, 64 CF/HR, 261 PSI, TRAILER MTD, 15 GAL HOPPER & 45 GAL MIXING TANK, W/AIR COMPRESSOR, POWER UNIT	$39,349	D-Off 24 HP		23

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.16	$0.24	**$4.40**	$4.92	$0.60	$0.03	$0.00	$5.74	**$11.29**	**$15.69**
Standby	$2.08	$0.24							**$2.32**	

OLIN PUMP

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45OE002	5 45	PUMP, GROUT PUMP, 1,350 CF/HR, 750 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT	$57,513	D-Off 74 HP		42

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.08	$0.34	**$6.42**	$15.18	$1.84	$0.04	$0.01	$8.39	**$25.46**	**$31.88**
Standby	$3.04	$0.34							**$3.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

OLIN PUMP

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45OE003	5 80	PUMP, GROUT PUMP, 2,160 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT	$85,147	D-Off 97 HP		48

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.02	$0.51	**$9.53**	$19.90	$2.42	$0.04	$0.01	$12.44	**$34.80**	**$44.33**
Standby	$4.51	$0.51							**$5.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45OE004	5 95	PUMP, GROUT PUMP, 2,565 CF/HR, 1100 PSI, 37 GAL HOPPER, TRAILER MTD, W/POWER UNIT	$92,542	D-Off 116 HP		56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.80	$0.55	**$10.35**	$23.80	$2.89	$0.04	$0.01	$13.53	**$40.26**	**$50.61**
Standby	$4.90	$0.55							**$5.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P45OE005	5 140CA	PUMP, GROUT PUMP, 3,780 CF/HR, 900 PSI, 37 GAL HOPPER, TRAILER MTD TANDEM, W/POWER UNIT	$147,469	D-Off 173 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.61	$0.88	**$16.49**	$35.50	$4.31	$0.08	$0.01	$21.54	**$61.44**	**$77.93**
Standby	$7.81	$0.88							**$8.69**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P45 PUMPS, GROUT

P45 0.00 PUMPS, GROUT

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$64,068	D-Off 46 HP		35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.78	$0.38	**$7.16**	$9.44	$1.15	$0.04	$0.01	$9.35	**$19.98**	**$27.14**
Standby	$3.39	$0.38							**$3.77**	

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50XX001	6" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,600 GPM, LIQUID COOLED, TRAILER MTD (ADD HOSES)	$45,429	D-Off 74 HP		29

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.51	$0.28	**$4.79**	$14.51	$2.38	$0.06	$0.01	$5.96	**$22.93**	**$27.72**
Standby	$2.26	$0.28							**$2.54**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50XX002	8" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 8" DIA, 2,500 GPM, TRAILER MTD (ADD HOSES)	$53,074	D-Off 74 HP		39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.28	$0.33	**$5.61**	$14.51	$2.38	$0.06	$0.01	$6.97	**$23.93**	**$29.54**
Standby	$2.64	$0.33							**$2.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50XX003	4" DIESEL	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 526 GPM, AIR COOLED, SKID MTD (ADD HOSES)	$7,093	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**	$1.96	$0.32	$0.00	$0.00	$0.94	**$3.22**	**$3.97**
Standby	$0.36	$0.04							**$0.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50WC001	PT 2A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 2" DIA, 205 GPM @ 100' HEAD (ADD HOSES)	$1,300	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**	$3.35	$0.46	$0.00	$0.00	$0.17	**$3.99**	**$4.13**
Standby	$0.07	$0.01							**$0.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50WC002	PT 3A	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 3" DIA, 425 GPM @ 95' HEAD (ADD HOSES)	$1,625	D-Off 15 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.16	$0.01	**$0.17**	$2.94	$0.48	$0.00	$0.00	$0.21	**$3.64**	**$3.81**
Standby	$0.08	$0.01							**$0.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50WC003	PTS 4V	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 4" DIA, 705 GPM @ 106' HEAD (ADD HOSES)	$3,180	D-Off 16 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.32	$0.02	**$0.34**	$3.14	$0.52	$0.00	$0.00	$0.42	**$4.08**	**$4.42**
Standby	$0.16	$0.02							**$0.18**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.11 ENGINE DRIVE

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50WC004	PT6LT	PUMP, WATER, CENTRIFUGAL, TRASH, ENGINE DRIVE, 6" DIA, 1,300 GPM @ 100' HEAD ,TRAILER MTD (ADD HOSES)	$16,914	D-Off 33 HP		25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.66	$0.10	**$1.76**	$6.47	$1.06	$0.06	$0.01	$2.20	**$9.80**	**$11.56**
Standby	$0.83	$0.10							**$0.93**	

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50GR001	C221-90	PUMP HOSE, SUCTION, 2" DIA X 20' WITH COUPLING (PER SECTION)	$128			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.03	$0.00	**$0.03**	$0.00	$0.00	$0.00	$0.00	$0.06	**$0.06**	**$0.09**
Standby	$0.02	$0.00							**$0.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR002	C356-90	PUMP HOSE, SUCTION, 3" DIA X 20' WITH COUPLING (PER SECTION)	$189			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.00	$0.00	$0.00	$0.00	$0.08	**$0.08**	**$0.12**
Standby	$0.02	$0.00							**$0.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR003	C357-90	PUMP HOSE, SUCTION, 4" DIA X 20' WITH COUPLING (PER SECTION)	$330			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	$0.15	**$0.15**	**$0.22**
Standby	$0.04	$0.00							**$0.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR004	C354-90	PUMP HOSE, SUCTION, 6" DIA X 20' WITH COUPLING (PER SECTION)	$604			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	$0.27	**$0.27**	**$0.41**
Standby	$0.07	$0.00							**$0.07**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR005	C373-90	PUMP HOSE, DISCH, 2" DIA X 50' WITH COUPLING (PER SECTION)	$114			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.03	$0.00	**$0.03**	$0.00	$0.00	$0.00	$0.00	$0.05	**$0.05**	**$0.08**
Standby	$0.02	$0.00							**$0.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR006	C374-90	PUMP HOSE, DISCH, 3" DIA X 50' WITH COUPLING (PER SECTION)	$177			1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.00	$0.00	$0.00	$0.00	$0.08	**$0.08**	**$0.12**
Standby	$0.02	$0.00							**$0.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
P50GR007	C375-90	PUMP HOSE, DISCH, 4" DIA X 50' WITH COUPLING (PER SECTION)	$278			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.06	$0.00	**$0.06**	$0.00	$0.00	$0.00	$0.00	$0.12	**$0.12**	**$0.18**
Standby	$0.03	$0.00							**$0.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P50 PUMPS, WATER, CENTRIFUGAL, TRASH

P50 0.31 PUMPS, WATER, CENTRIFUGAL, TRASH - HOSES, PUMP,

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P50GR008	C376-90	PUMP HOSE, DISCH, 6" DIA X 50' WITH COUPLING (PER SECTION)	$432			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.10	$0.00	**$0.10**	$0.00	$0.00	$0.00	$0.00	$0.19	**$0.19**	**$0.29**
Standby	$0.05	$0.00							**$0.05**	

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55GF001	04MH & 250HPND	PUMP, WATER, SUBMERSIBLE, 4" DIA, 455 GPM MAX FLOW, 59' MAX HEAD (INCLUDES TRAILER MTD POWER UNIT MODEL 250)(ADD HOSES)	$30,858	D-Off 21 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.03	$0.19	**$3.22**	$4.12	$0.68	$0.12	$0.02	$4.46	**$9.39**	**$12.61**
Standby	$1.52	$0.19							**$1.71**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$33,311	D-Off 21 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.27	$0.21	**$3.48**	$4.12	$0.68	$0.12	$0.02	$4.82	**$9.75**	**$13.23**
Standby	$1.64	$0.21							**$1.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$42,877	D-Off 72 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.23	$0.27	**$4.50**	$14.12	$2.32	$0.12	$0.02	$6.22	**$22.79**	**$27.29**
Standby	$2.12	$0.27							**$2.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$44,474	D-Off 72 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.39	$0.27	**$4.66**	$14.12	$2.32	$0.12	$0.02	$6.45	**$23.02**	**$27.68**
Standby	$2.20	$0.27							**$2.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.01 ENGINE DRIVE

GRIFFIN DEWATERING CORP.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$60,726	D-Off 113 HP		39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.02	$0.38	**$6.40**	$22.16	$3.64	$0.12	$0.02	$8.83	**$34.77**	**$41.17**
Standby	$3.01	$0.38							**$3.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$64,527	D-Off 140 HP		39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.40	$0.40	**$6.80**	$27.45	$4.51	$0.12	$0.02	$9.39	**$41.48**	**$48.28**
Standby	$3.20	$0.40							**$3.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$45,095	D-Off 72 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.45	$0.28	**$4.73**	$14.12	$2.32	$0.12	$0.02	$6.54	**$23.11**	**$27.84**
Standby	$2.23	$0.28							**$2.51**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55GR001	S2A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 138 GPM @ 20' HEAD (ADD HOSES), 115V 1-PHASE	$5,653	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**	$0.24	$0.12	$0.00	$0.00	$0.50	**$0.85**	**$1.48**
Standby	$0.30	$0.03							**$0.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55GR002	S3A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 3" DIA, 278 GPM @ 20' HEAD (ADD HOSES), 230V 1-PHASE	$6,447	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**	$0.59	$0.29	$0.00	$0.00	$0.57	**$1.44**	**$2.17**
Standby	$0.35	$0.04							**$0.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55GR003	S4A1	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 4" DIA, 860 GPM @ 40' HEAD (ADD HOSES), 460V 3-PHASE	$16,185	Elec 25 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.72	$0.10	**$1.82**	$2.97	$1.45	$0.00	$0.00	$1.42	**$5.84**	**$7.66**
Standby	$0.86	$0.10							**$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	Model	Equipment Description	Value TEV 7/1/2019	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)	$23,587	Elec 60 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.51	$0.14	**$2.65**	$7.13	$3.47	$0.00	$0.00	$2.07	**$12.67**	**$15.32**
Standby	$1.26	$0.14							**$1.40**	

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55WC001	PS2 500	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 66 GPM @ 39' HEAD (ADD HOSES)	$350	Elec 1 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.12	$0.06	$0.00	$0.00	$0.03	**$0.21**	**$0.25**
Standby	$0.02	$0.00							**$0.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P55 PUMPS, WATER, SUBMERSIBLE

P55 0.02 ELECTRIC DRIVE (PROVIDE POWER SOURCE)

WACKER CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P55WC002	PS2 800	PUMP, WATER, SUBMERSIBLE, ELECTRIC, 2" DIA, 82 GPM @ 59' HEAD (ADD HOSES)	$521	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**	$0.12	$0.06	$0.00	$0.00	$0.05	**$0.22**	**$0.28**
Standby	$0.03	$0.00							**$0.03**	

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P60HO002	S2B	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 150 GPM (ADD HOSES)	$947	Gas 3.5 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.09	$0.01	**$0.10**	$1.17	$0.16	$0.00	$0.00	$0.12	**$1.46**	**$1.56**
Standby	$0.05	$0.01							**$0.06**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
P60HO003	TP3B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 328 GPM (ADD HOSES)	$1,713	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**	$2.68	$0.37	$0.00	$0.00	$0.23	**$3.28**	**$3.46**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
P60HO004	TP2B	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 2" DIA, 173 GPM (ADD HOSES)	$1,152	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**	$2.17	$0.30	$0.00	$0.00	$0.15	**$2.62**	**$2.75**
Standby	$0.06	$0.01							**$0.07**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
P60HO005	TP4V	PUMP, WATER, CENTRIFUGAL, TRASH, SKID MTD, ENGINE DRIVE, 3" DIA, 662 GPM (ADD HOSES)	$3,758	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**	$5.35	$0.74	$0.00	$0.00	$0.50	**$6.59**	**$6.99**
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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P60WC001	PG 2A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 2" DIA, 159 GPM @ 98' HEAD (ADD HOSES)	$517	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**	$1.34	$0.19	$0.00	$0.00	$0.07	**$1.59**	**$1.64**
Standby	$0.03	$0.00							**$0.03**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P60WC002	PG 3A	PUMP, WATER, CENTRIFUGAL, DEWATERING, SKID MOUNTED, ENGINE DRIVE, 3" DIA, 264 GPM @ 98' HEAD (ADD HOSES)	$607	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**	$2.01	$0.28	$0.00	$0.00	$0.08	**$2.37**	**$2.43**
Standby	$0.03	$0.00							**$0.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P60 PUMPS, WATER, CENTRIFUGAL, DEWATERING

P60 0.21 WHEEL MOUNTED, ENGINE DRIVE

GORMAN-RUPP COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P60GR001	14C2-F3L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 4" DIA, 600 GPM @ 80' HEAD (ADD HOSES)	$29,551	D-Off 47 HP		20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.91	$0.18	**$3.09**	$9.22	$1.51	$0.10	$0.02	$3.85	**$14.70**	**$17.79**
Standby	$1.46	$0.18							**$1.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P60GR002	16C2-F4L	PUMP, WATER, CENTRIFUGAL, DEWATERING, WHEEL, 6" DIA, 1,825 GPM @ 40' HEAD (ADD HOSES)	$36,890	Gas 73 HP		26

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.64	$0.23	**$3.87**	$24.42	$3.39	$0.10	$0.02	$4.81	**$32.74**	**$36.61**
Standby	$1.82	$0.23							**$2.05**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P65 PUMPS, WATER, DIAPHRAGM

P65 0.11 SKID MOUNTED, ENGINE DRIVE

RIVERSIDE PUMP MANUFACTURING

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P65HO001	DP2B	PUMP, WATER, DIAPHRAGM, SKID MTD, 2" DIA, 33 GPM (ADD HOSES)	$1,560	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**	$1.17	$0.16	$0.00	$0.00	$0.21	**$1.54**	**$1.71**
Standby	$0.08	$0.01							**$0.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P65HO002	DP3B	PUMP, WATER, DIAPHRAGM, SKID MTD, 3" DIA, 80 GPM (ADD HOSES)	$1,690	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**	$1.17	$0.16	$0.00	$0.00	$0.22	**$1.56**	**$1.74**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
P65GR002	3D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 560 GPM @ 25' HEAD (ADD HOSES)	$6,067	Gas	2	HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.59	$0.04	**$0.63**	$0.67	$0.09	$0.03	$0.00	$0.70	**$1.49**	**$2.12**
Standby	$0.30	$0.04							**$0.34**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
P65GR003	4D-B	PUMP, WATER, DIAPHRAGM, WHEEL, 4" DIA, 74 GPM @ 25' HEAD (ADD HOSES)	$11,665	Gas	3	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.15	$0.07	**$1.22**	$1.00	$0.14	$0.03	$0.00	$1.35	**$2.53**	**$3.75**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P65WC001	PDT 2A	PUMP, WATER, DIAPHRAGM, WHEEL, 2" DIA, 50 GPM @ 25' HEAD (ADD HOSES)	$1,831	Gas 4 HP		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**	$1.34	$0.19	$0.00	$0.00	$0.21	**$1.74**	**$1.93**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P65WC002	PDT 3A	PUMP, WATER, DIAPHRAGM, WHEEL, 3" DIA, 88 GPM @ 25' HEAD (ADD HOSES)	$1,901	Gas 4 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.19	$0.01	**$0.20**	$1.34	$0.19	$0.00	$0.00	$0.22	**$1.75**	**$1.95**
Standby	$0.10	$0.01							**$0.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

P70 PUMPS, WATER (For core drills)

P70 0.01 PUMPS, WATER (For core drills) - ENGINE DRIVE

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
P70XX001	75-7.6	PUMP, WATER, FOR CORE DRILLS, 7.6 GPM, 75 PSI, MANUAL, SKID (ADD HOSES)	$4,475	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**	$0.67	$0.09	$0.00	$0.00	$0.52	**$1.29**	**$1.74**
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA001	D-3 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-3 TRACTOR DOZER & COST FOR POINT WEAR)	$13,240			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.32	$0.08	**$1.40**	$0.00	$0.00	$0.00	$0.00	$1.74	**$1.74**	**$3.14**
Severe	$1.63	$0.08	**$1.71**	$0.00	$0.00	$0.00	$0.00	$2.38	**$2.38**	**$4.09**
Standby	$0.66	$0.08							**$0.74**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA003	D4 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-4 TRACTOR DOZER & COST FOR POINT WEAR)	$13,240			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.32	$0.08	**$1.40**	$0.00	$0.00	$0.00	$0.00	$1.74	**$1.74**	**$3.14**
Severe	$1.63	$0.08	**$1.71**	$0.00	$0.00	$0.00	$0.00	$2.38	**$2.38**	**$4.09**
Standby	$0.66	$0.08							**$0.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA005	D5 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-5 TRACTOR DOZER & COST FOR POINT WEAR)	$14,381			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.44	$0.09	**$1.53**	$0.00	$0.00	$0.00	$0.00	$1.89	**$1.89**	**$3.42**
Severe	$1.77	$0.09	**$1.86**	$0.00	$0.00	$0.00	$0.00	$2.59	**$2.59**	**$4.45**
Standby	$0.72	$0.09							**$0.81**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA006	D5 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D5 RIPPER (RIPPER HAS 3 SHANKS)	$1,358			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	$0.18	**$0.18**	**$0.33**
Severe	$0.17	$0.01	**$0.18**	$0.00	$0.00	$0.00	$0.00	$0.24	**$0.24**	**$0.42**
Standby	$0.07	$0.01							**$0.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA007	D6 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-6 TRACTOR DOZER & COST FOR POINT WEAR)	$26,106			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.61	$0.16	**$2.77**	$0.00	$0.08	$0.00	$0.00	$3.44	**$3.52**	**$6.29**
Severe	$3.21	$0.17	**$3.38**	$0.00	$0.08	$0.00	$0.00	$4.70	**$4.78**	**$8.16**
Standby	$1.31	$0.16							**$1.47**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA009	D7 RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-7 TRACTOR DOZER & COST FOR POINT WEAR)	$56,453			77

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.65	$0.35	**$6.00**	$0.00	$0.00	$0.00	$0.00	$7.43	**$7.43**	**$13.43**
Severe	$6.95	$0.36	**$7.31**	$0.00	$0.00	$0.00	$0.00	$10.17	**$10.17**	**$17.48**
Standby	$2.83	$0.35							**$3.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA011	D8 RIPPER 1S	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)	$81,946			91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.19	$0.51	**$8.70**	$0.00	$0.00	$0.00	$0.00	$10.79	**$10.79**	**$19.49**
Severe	$10.09	$0.52	**$10.61**	$0.00	$0.00	$0.00	$0.00	$14.76	**$14.76**	**$25.37**
Standby	$4.10	$0.51							**$4.61**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA012	D8 RIPPER 3S	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-8T TRACTOR DOZER & COST FOR POINT WEAR)	$80,053			102

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.01	$0.49	**$8.50**	$0.00	$0.00	$0.00	$0.00	$10.54	**$10.54**	**$19.04**
Severe	$9.85	$0.51	**$10.36**	$0.00	$0.00	$0.00	$0.00	$14.42	**$14.42**	**$24.78**
Standby	$4.01	$0.49							**$4.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA013	D8 3 SHANK TOOTH	SINGLE SHANK FOR TRIPLE SHANK D8 RIPPER (RIPPER HAS 3 SHANKS)	$5,510			8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.55	$0.03	**$0.58**	$0.00	$0.00	$0.00	$0.00	$0.73	**$0.73**	**$1.31**
Severe	$0.68	$0.03	**$0.71**	$0.00	$0.00	$0.00	$0.00	$0.99	**$0.99**	**$1.70**
Standby	$0.28	$0.03							**$0.31**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
R10CA014	D9 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)	$142,264			102

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.23	$0.88	**$15.11**	$0.00	$0.00	$0.00	$0.00	$18.73	**$18.73**	**$33.84**
Severe	$17.51	$0.90	**$18.41**	$0.00	$0.00	$0.00	$0.00	$25.62	**$25.62**	**$44.03**
Standby	$7.12	$0.88							**$8.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
R10CA015	D9 RIPPER 3 SHANK	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-9 TRACTOR DOZER & COST FOR POINT WEAR)	$137,051			91

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.71	$0.85	**$14.56**	$0.00	$0.00	$0.00	$0.00	$18.05	**$18.05**	**$32.61**
Severe	$16.87	$0.87	**$17.74**	$0.00	$0.00	$0.00	$0.00	$24.68	**$24.68**	**$42.42**
Standby	$6.86	$0.85							**$7.71**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA016	D9 RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D9 RIPPER	$8,097			10

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	$1.07	**$1.07**	**$1.93**
Severe	$1.00	$0.05	**$1.05**	$0.00	$0.00	$0.00	$0.00	$1.46	**$1.46**	**$2.51**
Standby	$0.41	$0.05							**$0.46**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA017	D10 RIPPER 1 SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)	$170,617			161

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.06	$1.05	**$18.11**	$0.00	$0.00	$0.00	$0.00	$22.47	**$22.47**	**$40.58**
Severe	$21.00	$1.08	**$22.08**	$0.00	$0.00	$0.00	$0.00	$30.72	**$30.72**	**$52.80**
Standby	$8.53	$1.05							**$9.58**	

* - Adjustable Elements

Region: 2
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA018	D10 RIPPER 3S	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-10 TRACTOR DOZER & COST FOR POINT WEAR)	$171,184			179

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.12	$1.06	**$18.18**	$0.00	$0.00	$0.00	$0.00	$22.54	**$22.54**	**$40.72**
Severe	$21.07	$1.08	**$22.15**	$0.00	$0.00	$0.00	$0.00	$30.83	**$30.83**	**$52.98**
Standby	$8.56	$1.06							**$9.62**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA019	D10 RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D10 RIPPER (RIPPER HAS 1 SHANK)	$11,577			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.16	$0.07	**$1.23**	$0.00	$0.00	$0.00	$0.00	$1.52	**$1.52**	**$2.75**
Severe	$1.42	$0.07	**$1.49**	$0.00	$0.00	$0.00	$0.00	$2.08	**$2.08**	**$3.57**
Standby	$0.58	$0.07							**$0.65**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA021	D11 3 SHANK RIPPER	RIPPER, 3-SHANKS & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)	$176,433			103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.64	$1.09	**$18.73**	$0.00	$0.25	$0.00	$0.00	$23.23	**$23.48**	**$42.21**
Severe	$21.71	$1.12	**$22.83**	$0.00	$0.25	$0.00	$0.00	$31.77	**$32.02**	**$54.85**
Standby	$8.82	$1.09							**$9.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA023	D8T RIPPER SHANK	SINGLE SHANK FOR SINGLE SHANK D8 RIPPER (RIPPER HAS 1 SHANK)	$6,290			9

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	$0.83	**$0.83**	**$1.50**
Severe	$0.77	$0.04	**$0.81**	$0.00	$0.00	$0.00	$0.00	$1.13	**$1.13**	**$1.94**
Standby	$0.32	$0.04							**$0.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R10 RIPPERS (Add cost for point wear)

R10 0.00 RIPPERS (Add cost for point wear)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA024	D6 RIPPER SHANK	RIPPER SHANK, EACH (ADD D-6 TRACTOR DOZER & RIPPER & COST FOR POINT WEAR)	$1,462			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.15	$0.01	**$0.16**	$0.00	$0.00	$0.00	$0.00	$0.19	**$0.19**	**$0.35**
Severe	$0.18	$0.01	**$0.19**	$0.00	$0.00	$0.00	$0.00	$0.26	**$0.26**	**$0.45**
Standby	$0.08	$0.01							**$0.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA025	D9 RIPPER SHANK MULT	SINGLE SHANK FOR TRIPLE SHANK D9 RIPPER (RIPPER HAS 3 SHANKS)	$6,004			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.60	$0.04	**$0.64**	$0.00	$0.00	$0.00	$0.00	$0.79	**$0.79**	**$1.43**
Severe	$0.74	$0.04	**$0.78**	$0.00	$0.00	$0.00	$0.00	$1.08	**$1.08**	**$1.86**
Standby	$0.30	$0.04							**$0.34**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
R10CA030	D11 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D11 RIPPER (RIPPER HAS 3 SHANKS)	$11,282			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.13	$0.07	**$1.20**	$0.00	$0.00	$0.00	$0.00	$1.49	**$1.49**	**$2.69**
Severe	$1.39	$0.07	**$1.46**	$0.00	$0.00	$0.00	$0.00	$2.03	**$2.03**	**$3.49**
Standby	$0.57	$0.07							**$0.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
R10CA031	D10 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D10 RIPPER (RIPPER HAS 3 SHANKS)	$10,323			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.03	$0.06	**$1.09**	$0.00	$0.00	$0.00	$0.00	$1.36	**$1.36**	**$2.45**
Severe	$1.27	$0.07	**$1.34**	$0.00	$0.00	$0.00	$0.00	$1.86	**$1.86**	**$3.20**
Standby	$0.52	$0.06							**$0.58**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA032	D11 RIPPER SHANK	RIPPER, 1-SHANK & BEAM, HYDRAULIC (ADD D-11 TRACTOR DOZER & COST FOR POINT WEAR)	$181,085			103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.11	$1.12	**$19.23**	$0.00	$0.25	$0.00	$0.00	$23.84	**$24.09**	**$43.32**
Severe	$22.29	$1.15	**$23.44**	$0.00	$0.25	$0.00	$0.00	$32.61	**$32.86**	**$56.30**
Standby	$9.06	$1.12							**$10.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
R10CA033	D7 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D7 RIPPER (RIPPER HAS 3 SHANKS)	$2,470			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.25	$0.02	**$0.27**	$0.00	$0.00	$0.00	$0.00	$0.33	**$0.33**	**$0.60**
Severe	$0.30	$0.02	**$0.32**	$0.00	$0.00	$0.00	$0.00	$0.44	**$0.44**	**$0.76**
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)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA040	D4 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D4 RIPPER	$1,358			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	$0.18	**$0.18**	**$0.33**
Severe	$0.17	$0.01	**$0.18**	$0.00	$0.00	$0.00	$0.00	$0.24	**$0.24**	**$0.42**
Standby	$0.07	$0.01							**$0.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R10CA041	D3 RIPPER SHANK	SINGLE SHANK FOR TRIPLE SHANK D3 RIPPER	$1,358			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	$0.18	**$0.18**	**$0.33**
Severe	$0.17	$0.01	**$0.18**	$0.00	$0.00	$0.00	$0.00	$0.24	**$0.24**	**$0.42**
Standby	$0.07	$0.01							**$0.08**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R15 ROLLERS, STATIC, TOWED, PNEUMATIC

R15 0.00 ROLLERS, STATIC, TOWED, PNEUMATIC

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R15XX002	CA1600	ROLLER, STATIC, TOWED, PNEUMATIC, 9 TON, 88" WIDE, 13 TIRE (ADD TOWING UNIT)	$15,326			47

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.23	$0.09	**$1.32**	$0.00	$0.00	$0.00	$0.00	$1.28	**$1.28**	**$2.60**
Standby	$0.62	$0.09							**$0.71**	

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R20HJ001	60X60	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 9-15 TON, 60" WIDE X 60" DIA, SHEEPSFOOT (ADD TOWING UNIT)	$56,544			184

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.52	$0.34	**$4.86**	$0.00	$0.25	$0.00	$0.00	$5.41	**$5.66**	**$10.52**
Standby	$2.26	$0.34							**$2.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R20 ROLLERS, STATIC, TOWED, STEEL DRUM

R20 0.00 ROLLERS, STATIC, TOWED, STEEL DRUM

HOLMES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R20HJ002	48X48	ROLLER, STATIC, TOWED, 2 STEEL DRUMS, 3.5-6 TON, 48" WIDE X 48" DIA, SHEEPSFOOT (ADD TOWING UNIT)	$28,496			68

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.28	$0.17	**$2.45**	$0.00	$0.25	$0.00	$0.00	$2.73	**$2.98**	**$5.43**
Standby	$1.14	$0.17							**$1.31**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R20XX040	LAWN ROLLER	LAWN ROLLER, TOW BEHIND, 60" W X 24" DIA, 11,250 LBS WHEN FILLED W/ 117 GAL WATER	$530			2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.04	$0.00	**$0.04**	$0.00	$0.00	$0.00	$0.00	$0.05	**$0.05**	**$0.09**
Standby	$0.02	$0.00							**$0.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30BO003	BW27RH-4I	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 30.00 TON, 80.4" WIDE, 8 TIRE, ASPHALT COMPACTOR	$205,638	D-Off 170 HP		194

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.33	$1.23	**$22.56**	$29.46	$3.07	$1.10	$0.17	$21.10	**$54.89**	**$77.45**
Standby	$10.67	$1.23							**$11.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30BO004	BW11RH-5	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 12 TON, 68" WIDE, 9 TIRE, ASPHALT COMPACTOR	$136,681	D-Off 74 HP		119

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.94	$0.82	**$14.76**	$12.82	$1.33	$1.26	$0.19	$13.83	**$29.44**	**$44.20**
Standby	$6.97	$0.82							**$7.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.01 PNEUMATIC

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30CA002	CW34	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 17.6 TON, 82" WIDE, 9 TIRE, ASPHALT COMPACTOR	$201,669	D-Off 129 HP		221

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.92	$1.21	**$22.13**	$22.35	$2.33	$1.30	$0.20	$20.70	**$46.87**	**$69.00**
Standby	$10.46	$1.21							**$11.67**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30CA004	CW16	ROLLER, STATIC, SELF-PROPELLED, PNEUMATIC, 16.5 TON, 84" WIDE, 11 TIRE, ASPHALT COMPACTOR	$122,598	D-Off 102 HP		117

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.64	$0.73	**$13.37**	$17.67	$1.84	$0.84	$0.13	$12.51	**$32.99**	**$46.36**
Standby	$6.32	$0.73							**$7.05**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30WG001	CS1400	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, 3 DRUMS, 14.5 TON, 83" WIDE, 3X2, ASPHALT COMPACTOR	$202,742	D-Off 74 HP		291

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.23	$1.19	**$18.42**	$12.82	$1.33	$0.00	$0.00	$19.41	**$33.57**	**$51.99**
Standby	$8.62	$1.19							**$9.81**	

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R30BO005	BW100SL-5	ROLLER, STATIC, SELF-PROPELLED, SMOOTH DRUM, DOUBLE DRUM, 2.6 TON, 39.4" WIDE ASPHALT COMPACTOR	$36,359	D-Off 25 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.09	$0.21	**$3.30**	$4.33	$0.45	$0.00	$0.00	$3.48	**$8.26**	**$11.56**
Standby	$1.55	$0.21							**$1.76**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$689,242	D-Off 456 HP		816

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.95	$4.11	**$50.06**	$79.02	$8.22	$0.00	$0.00	$55.00	**$142.24**	**$192.30**
Standby	$22.98	$4.11							**$27.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$628,507	D-Off 456 HP		719

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.90	$3.75	**$45.65**	$79.02	$8.22	$0.00	$0.00	$50.15	**$137.39**	**$183.04**
Standby	$20.95	$3.75							**$24.70**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$610,091	D-Off 284 HP		494

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.67	$3.64	**$44.31**	$49.21	$5.12	$0.00	$0.00	$48.68	**$103.01**	**$147.32**
Standby	$20.34	$3.64							**$23.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$915,379	D-Off 435 HP		783

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$61.03	$5.46	**$66.49**	$75.38	$7.84	$0.00	$0.00	$73.04	**$156.26**	**$222.75**
Standby	$30.52	$5.46							**$35.98**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R30 ROLLERS, STATIC, SELF-PROPELLED

R30 0.03 TAMPING FOOT, LANDFILL & SOIL COMPACTORS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$618,022	D-Off 284 HP		569

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.20	$3.69	**$44.89**	$49.21	$5.12	$0.00	$0.00	$49.31	**$103.64**	**$148.53**
Standby	$20.60	$3.69							**$24.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$928,919	D-Off 435 HP		836

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$61.93	$5.54	**$67.47**	$75.38	$7.84	$0.00	$0.00	$74.12	**$157.34**	**$224.81**
Standby	$30.97	$5.54							**$36.51**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R40 ROLLERS, VIBRATORY, TOWED

R40 0.00 ROLLERS, VIBRATORY, TOWED

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
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)	$84,122	D-Off 50 HP		128

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.41	$0.52	**$8.93**	$9.80	$1.36	$0.00	$0.00	$10.07	**$21.23**	**$30.16**
Standby	$4.21	$0.52							**$4.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
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)	$91,224	D-Off 50 HP		148

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.12	$0.56	**$9.68**	$9.80	$1.36	$0.00	$0.00	$10.92	**$22.08**	**$31.76**
Standby	$4.56	$0.56							**$5.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45BO004	BW120AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR	$41,682	D-Off 33 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.17	$0.26	**$4.43**	$6.47	$0.90	$0.00	$0.00	$6.86	**$14.23**	**$18.66**
Standby	$2.09	$0.26							**$2.35**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45BO005	BW138AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.2 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR	$82,458	D-Off 45 HP		94

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.25	$0.51	**$8.76**	$8.82	$1.22	$0.00	$0.00	$13.57	**$23.61**	**$32.37**
Standby	$4.13	$0.51							**$4.64**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45BO006	BW151AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.2 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR	$190,674	D-Off 75 HP		168

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.07	$1.18	**$20.25**	$14.71	$2.04	$0.00	$0.00	$31.38	**$48.13**	**$68.38**
Standby	$9.54	$1.18							**$10.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45BO007	BW161AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.0 TON, 66.1" WIDE, 2X1, ASPHALT COMPACTOR	$154,000	D-Off 114 HP		221

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.40	$0.95	**$16.35**	$22.35	$3.10	$0.00	$0.00	$25.34	**$50.79**	**$67.14**
Standby	$7.70	$0.95							**$8.65**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45BO008	BW190AD-5	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 78.3" WIDE, 2X1, ASPHALT COMPACTOR	$201,462	D-Off 114 HP		266

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.15	$1.25	**$21.40**	$22.35	$3.10	$0.00	$0.00	$33.15	**$58.60**	**$80.00**
Standby	$10.08	$1.25							**$11.33**	

* - Adjustable Elements

Region: 2
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

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS001	DV23E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.8 TON, 39.4" WIDE, 2X1, ASPHALT COMPACTOR	$55,321	D-Off 30.6 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.53	$0.34	**$5.87**	$6.00	$0.83	$0.00	$0.00	$9.10	**$15.94**	**$21.81**
Standby	$2.77	$0.34							**$3.11**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS002	DV26E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47.2" WIDE, 2X1, ASPHALT COMPACTOR	$60,617	D-Off 31.5 HP		54

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.06	$0.37	**$6.43**	$6.18	$0.86	$0.00	$0.00	$9.98	**$17.01**	**$23.44**
Standby	$3.03	$0.37							**$3.40**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS003	DV36E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.7 TON, 51.2" WIDE, 2X1, ASPHALT COMPACTOR	$78,583	D-Off 40.4 HP		50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.86	$0.49	**$8.35**	$7.92	$1.10	$0.00	$0.00	$12.93	**$21.95**	**$30.30**
Standby	$3.93	$0.49							**$4.42**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS004	DV45E	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 5.6 TON, 54.3" WIDE, 2X1, ASPHALT COMPACTOR	$85,521	D-Off 41.6 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.55	$0.53	**$9.08**	$8.16	$1.13	$0.00	$0.00	$14.07	**$23.37**	**$32.45**
Standby	$4.28	$0.53							**$4.81**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS005	DV209D HF	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR	$188,048	D-Off 100 HP		211

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.80	$1.16	**$19.96**	$19.61	$2.72	$0.00	$0.00	$30.95	**$53.28**	**$73.24**
Standby	$9.40	$1.16							**$10.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CS006	DV210D	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 66" WIDE, 2X1 ASPHALT COMPACTOR	$185,117	D-Off 100 HP		229

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.51	$1.14	**$19.65**	$19.61	$2.72	$0.00	$0.00	$30.46	**$52.79**	**$72.44**
Standby	$9.26	$1.14							**$10.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA003	CB32B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR	$63,243	D-Off 36.2 HP		62

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.32	$0.39	**$6.71**	$7.10	$0.98	$0.00	$0.00	$10.41	**$18.49**	**$25.20**
Standby	$3.16	$0.39							**$3.55**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA004	CB34B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 2X1, ASPHALT COMPACTOR	$69,597	D-Off 48.8 HP		82

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.96	$0.43	**$7.39**	$9.57	$1.33	$0.00	$0.00	$11.45	**$22.35**	**$29.74**
Standby	$3.48	$0.43							**$3.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA006	CB36B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 4.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR	$83,120	D-Off 48.8 HP		84

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.31	$0.51	**$8.82**	$9.57	$1.33	$0.00	$0.00	$13.68	**$24.58**	**$33.40**
Standby	$4.16	$0.51							**$4.67**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA011	CB24B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3.2 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR	$56,723	D-Off 36.2 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.67	$0.35	**$6.02**	$7.10	$0.98	$0.00	$0.00	$9.33	**$17.42**	**$23.44**
Standby	$2.84	$0.35							**$3.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA016	CB22B	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 3 TON, 39" WIDE, 2X1, ASPHALT COMPACTOR	$48,256	D-Off 36.2 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.83	$0.30	**$5.13**	$7.10	$0.98	$0.00	$0.00	$7.94	**$16.03**	**$21.16**
Standby	$2.42	$0.30							**$2.72**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA026	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1 ASPHALT COMPACTOR	$189,089	D-Off 131 HP		235

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.91	$1.17	**$20.08**	$25.69	$3.56	$0.00	$0.00	$31.12	**$60.37**	**$80.45**
Standby	$9.46	$1.17							**$10.63**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA027	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.8 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	$200,835	D-Off 142 HP		276

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.08	$1.24	**$21.32**	$27.84	$3.86	$0.00	$0.00	$33.05	**$64.75**	**$86.07**
Standby	$10.04	$1.24							**$11.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA028	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR	$243,760	D-Off 142 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.38	$1.51	**$25.89**	$27.84	$3.86	$0.00	$0.00	$40.12	**$71.82**	**$97.71**
Standby	$12.19	$1.51							**$13.70**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA029	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 16.0 TON, 84" WIDE, 2X1, ASPHALT COMPACTOR	$253,740	D-Off 142 HP		319

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.37	$1.57	**$26.94**	$27.84	$3.86	$0.00	$0.00	$41.76	**$73.46**	**$100.40**
Standby	$12.69	$1.57							**$14.26**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA031	CB7	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 11.5 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR	$141,467	D-Off 100 HP		206

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.15	$0.87	**$15.02**	$19.61	$2.72	$0.00	$0.00	$23.28	**$45.61**	**$60.63**
Standby	$7.08	$0.87							**$7.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA032	CB8	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 10.4 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	$175,945	D-Off 100 HP		192

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.59	$1.09	**$18.68**	$19.61	$2.72	$0.00	$0.00	$28.96	**$51.29**	**$69.97**
Standby	$8.80	$1.09							**$9.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA033	CD10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 12.6 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	$180,491	D-Off 100.5 HP		223

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.05	$1.12	**$19.17**	$19.71	$2.73	$0.00	$0.00	$29.70	**$52.15**	**$71.32**
Standby	$9.03	$1.12							**$10.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA071	CB10	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 13.3 TON, 67" WIDE, 2X1, ASPHALT COMPACTOR	$201,484	D-Off 131 HP		235

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.15	$1.25	**$21.40**	$25.69	$3.56	$0.00	$0.00	$33.16	**$62.41**	**$83.81**
Standby	$10.08	$1.25							**$11.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA072	CB13	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	$200,835	D-Off 142 HP		276

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.08	$1.24	**$21.32**	$27.84	$3.86	$0.00	$0.00	$33.05	**$64.75**	**$86.07**
Standby	$10.04	$1.24							**$11.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA073	CB15	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	$243,760	D-Off 142 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.38	$1.51	**$25.89**	$27.84	$3.86	$0.00	$0.00	$40.12	**$71.82**	**$97.71**
Standby	$12.19	$1.51							**$13.70**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45CA074	CB16	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 14.5 TON, 79" WIDE, 2X1, ASPHALT COMPACTOR	$284,028	D-Off 142 HP		290

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.40	$1.76	**$30.16**	$27.84	$3.86	$0.00	$0.00	$46.74	**$78.44**	**$108.60**
Standby	$14.20	$1.76							**$15.96**	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45DY001	CC1200VI	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 2.9 TON, 47" WIDE, 2X1, ASPHALT COMPACTOR	$51,607	D-Off 35 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.16	$0.32	**$5.48**	$6.86	$0.95	$0.00	$0.00	$8.49	**$16.30**	**$21.78**
Standby	$2.58	$0.32							**$2.90**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R45 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM

R45 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, DOUBLE DRU

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45DY002	CC2200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 9.9 TON, 59" WIDE, 2X1, ASPHALT COMPACTOR	$154,772	D-Off 75 HP		198

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.48	$0.96	**$16.44**	$14.71	$2.04	$0.00	$0.00	$25.47	**$42.22**	**$58.66**
Standby	$7.74	$0.96							**$8.70**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R45DY003	CC5200	ROLLER, VIBRATORY, SELF-PROPELLED, DOUBLE DRUM, SMOOTH, 12 TON, 77" WIDE, 2X1, ASPHALT COMPACTOR	$196,229	D-Off 130 HP		280

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.62	$1.21	**$20.83**	$25.49	$3.54	$0.00	$0.00	$32.29	**$61.32**	**$82.15**
Standby	$9.81	$1.21							**$11.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO005	BW124DH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.2 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR	$76,202	D-Off 45 HP		73

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.05	$0.49	**$7.54**	$6.36	$0.88	$0.21	$0.03	$11.28	**$18.77**	**$26.31**
Standby	$3.53	$0.49							**$4.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO006	BW145D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR	$118,383	D-Off 75 HP		124

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.99	$0.75	**$11.74**	$10.60	$1.47	$0.24	$0.04	$17.58	**$29.93**	**$41.67**
Standby	$5.50	$0.75							**$6.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO007	BW177D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.6 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR	$95,572	D-Off 75 HP		146

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.76	$0.61	**$9.37**	$10.60	$1.47	$0.45	$0.07	$14.06	**$26.64**	**$36.01**
Standby	$4.38	$0.61							**$4.99**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO008	BW211D-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.7 TON, 83.9" WIDE, 3X2, SOIL COMPACTOR	$131,232	D-Off 128 HP		234

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.77	$0.84	**$12.61**	$18.09	$2.51	$1.18	$0.18	$19.00	**$40.96**	**$53.57**
Standby	$5.89	$0.84							**$6.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO010	BW124PDH-40	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 4.3 TON, 47.2" WIDE, 3X2, SOIL COMPACTOR	$79,586	D-Off 45 HP		74

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.36	$0.51	**$7.87**	$6.36	$0.88	$0.21	$0.03	$11.79	**$19.28**	**$27.15**
Standby	$3.68	$0.51							**$4.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO011	BW145PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 6.2 TON, 56.1" WIDE, 3X2, SOIL COMPACTOR	$132,219	D-Off 75 HP		112

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.29	$0.84	**$13.13**	$10.60	$1.47	$0.24	$0.04	$19.65	**$32.00**	**$45.13**
Standby	$6.15	$0.84							**$6.99**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO012	BW177PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.4 TON, 66.4" WIDE, 3X2, SOIL COMPACTOR	$157,030	D-Off 75 HP		166

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.52	$1.00	**$15.52**	$10.60	$1.47	$0.45	$0.07	$23.25	**$35.84**	**$51.36**
Standby	$7.26	$1.00							**$8.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50BO013	BW211PDH-5	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 13.8 TON, 83.8" WIDE, 3X2, SOIL COMPACTOR	$185,075	D-Off 128 HP		277

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.05	$1.18	**$18.23**	$18.09	$2.51	$1.03	$0.16	$27.33	**$49.12**	**$67.35**
Standby	$8.53	$1.18							**$9.71**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$151,872	D-Off 75 HP		163

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.14	$0.97	**$15.11**	$10.60	$1.47	$0.21	$0.03	$22.61	**$34.92**	**$50.03**
Standby	$7.07	$0.97							**$8.04**	

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA003	CP34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 5.5 TON, 50" WIDE, 3X2, SOIL COMPACTOR	$126,666	D-Off 74 HP		110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.61	$0.81	**$12.42**	$10.46	$1.45	$0.59	$0.09	$18.63	**$31.22**	**$43.64**
Standby	$5.81	$0.81							**$6.62**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA004	CP44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 8.9 TON, 66" WIDE, 3X2, SOIL COMPACTOR	$181,061	D-Off 101 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.81	$1.15	**$17.96**	$14.28	$1.98	$0.37	$0.06	$26.89	**$43.58**	**$61.54**
Standby	$8.41	$1.15							**$9.56**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA007	CS64B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.8 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$226,258	D-Off 131 HP		297

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.71	$1.44	**$22.15**	$18.52	$2.57	$1.12	$0.17	$33.25	**$55.62**	**$77.77**
Standby	$10.36	$1.44							**$11.80**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA008	CS74B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH & PADFOOT, 18.3 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$314,862	D-Off 176 HP		367

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.01	$2.01	**$31.02**	$24.88	$3.45	$1.12	$0.17	$46.50	**$76.12**	**$107.14**
Standby	$14.51	$2.01							**$16.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA009	CP68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 16.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$265,748	D-Off 159 HP		338

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.36	$1.69	**$26.05**	$22.48	$3.12	$1.23	$0.19	$39.10	**$66.11**	**$92.16**
Standby	$12.18	$1.69							**$13.87**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA011	CS68B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 15.5 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$272,000	D-Off 156 HP		310

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.97	$1.73	**$26.70**	$22.05	$3.06	$1.18	$0.18	$40.06	**$66.52**	**$93.22**
Standby	$12.49	$1.73							**$14.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA012	CS34	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 4.9 TON, 50" WIDE, 3X2, SOIL COMPACTOR	$104,381	D-Off 74 HP		98

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.60	$0.67	**$10.27**	$10.46	$1.45	$0.70	$0.11	$15.39	**$28.11**	**$38.38**
Standby	$4.80	$0.67							**$5.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA013	CS44B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.6 TON, 66" WIDE, 3X2, SOIL COMPACTOR	$148,594	D-Off 100 HP		152

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.74	$0.95	**$14.69**	$14.14	$1.96	$0.42	$0.06	$22.00	**$38.59**	**$53.28**
Standby	$6.87	$0.95							**$7.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA015	CS56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$215,508	D-Off 156 HP		248

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.67	$1.37	**$21.04**	$22.05	$3.06	$1.18	$0.18	$31.61	**$58.07**	**$79.11**
Standby	$9.84	$1.37							**$11.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA016	CP56B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.4 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$257,461	D-Off 156 HP		248

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.61	$1.64	**$25.25**	$22.05	$3.06	$1.18	$0.18	$37.88	**$64.35**	**$89.60**
Standby	$11.81	$1.64							**$13.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA017	CS54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.6 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$188,421	D-Off 131 HP		226

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.13	$1.20	**$18.33**	$18.52	$2.57	$1.18	$0.18	$27.55	**$50.00**	**$68.33**
Standby	$8.57	$1.20							**$9.77**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA019	CP54B	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PAD FOOT, 12.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$203,703	D-Off 131 HP		240

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.57	$1.30	**$19.87**	$18.52	$2.57	$1.18	$0.18	$29.84	**$52.29**	**$72.16**
Standby	$9.29	$1.30							**$10.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA033	CC24B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 47" WIDE 5X4, ASPHALT COMPACTOR	$56,630	D-Off 36.2 HP		36

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.09	$0.36	**$5.45**	$5.12	$0.71	$0.48	$0.07	$8.21	**$14.60**	**$20.05**
Standby	$2.55	$0.36							**$2.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA034	CC34B	ROLLER, VIBRATORY, SELF-PROPELLED PNEUMATIC/SINGLE DRUM, SMOOTH, 3.7 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR	$74,747	D-Off 48.8 HP		90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.79	$0.48	**$7.27**	$6.90	$0.96	$0.48	$0.07	$10.92	**$19.33**	**$26.60**
Standby	$3.40	$0.48							**$3.88**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA035	CCS7	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 8.2 TON, 67" WIDE 3X2, SOIL COMPACTOR	$156,770	D-Off 101 HP		163

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.51	$1.00	**$15.51**	$14.28	$1.98	$0.70	$0.11	$23.23	**$40.30**	**$55.81**
Standby	$7.26	$1.00							**$8.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50CA036	CCS9	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH 9.9 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$203,734	D-Off 131 HP		198

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.82	$1.30	**$20.12**	$18.52	$2.57	$0.63	$0.10	$30.14	**$51.95**	**$72.07**
Standby	$9.41	$1.30							**$10.71**	

* - Adjustable Elements

Region: 2
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

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$194,602	D-Off 134 HP		240

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.79	$1.24	**$19.03**	$18.94	$2.63	$1.01	$0.15	$28.57	**$51.30**	**$70.33**
Standby	$8.90	$1.24							**$10.14**	

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY001	CA2500PD (4.5)	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT, 12.1 TON, 83" WIDE, 3X2, SOIL COMPACTOR	$176,236	D-Off 132 HP		243

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.97	$1.12	**$17.09**	$18.66	$2.59	$1.23	$0.19	$25.70	**$48.37**	**$65.46**
Standby	$7.99	$1.12							**$9.11**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY002	CA4000D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 14.4 TON, 83" WIDE, 3X2, SOIL COMPACTOR	$204,494	D-Off 160 HP		289

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.62	$1.30	**$19.92**	$22.62	$3.14	$1.23	$0.19	$29.93	**$57.11**	**$77.03**
Standby	$9.31	$1.30							**$10.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY003	CC1100C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 2.7 TON, 42" WIDE, 5X4, ASPHALT COMPACTOR	$59,023	D-Off 35 HP		54

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.32	$0.38	**$5.70**	$4.95	$0.69	$0.48	$0.07	$8.57	**$14.76**	**$20.46**
Standby	$2.66	$0.38							**$3.04**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY004	CC1300C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 4.3 TON, 51" WIDE, 5X4, ASPHALT COMPACTOR	$78,527	D-Off 45 HP		86

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.15	$0.50	**$7.65**	$6.36	$0.88	$0.48	$0.07	$11.49	**$19.28**	**$26.93**
Standby	$3.58	$0.50							**$4.08**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY005	CC2200C	ROLLER, VIBRATORY, SELF-PROPELLED, PNEUMATIC/SINGLE DRUM, SMOOTH, 9.1 TON, 59" WIDE, 5X4, ASPHALT COMPACTOR	$182,060	D-Off 100 HP		181

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.85	$1.16	**$18.01**	$14.14	$1.96	$0.48	$0.07	$26.98	**$43.63**	**$61.64**
Standby	$8.43	$1.16							**$9.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY006	CA1300D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR	$99,470	D-Off 75 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.03	$0.63	**$9.66**	$10.60	$1.47	$1.03	$0.16	$14.53	**$27.78**	**$37.44**
Standby	$4.52	$0.63							**$5.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY007	CA1300PD	ROLLER, VIBRATORY, SELF-PROPELLED, PADFOOT DRUM, 5 TON, 54" WIDE, 3X2, SOIL COMPACTOR	$109,134	D-Off 75 HP		105

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.82	$0.70	**$10.52**	$10.60	$1.47	$1.43	$0.22	$15.83	**$29.55**	**$40.07**
Standby	$4.91	$0.70							**$5.61**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R50 0.00 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

DYNAPAC DIVISION - SVEDALA INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY008	CA1500D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR	$136,078	D-Off 100 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.49	$0.87	**$13.36**	$14.14	$1.96	$0.60	$0.09	$20.04	**$36.83**	**$50.19**
Standby	$6.25	$0.87							**$7.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY009	CA1500PD	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, PADFOOT DRUM, 7.5 TON, 65" WIDE, 3X2, SOIL COMPACTOR	$145,823	D-Off 100 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.40	$0.93	**$14.33**	$14.14	$1.96	$0.60	$0.09	$21.49	**$38.29**	**$52.62**
Standby	$6.70	$0.93							**$7.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R50DY010	CA2500D	ROLLER, VIBRATORY, SELF-PROPELLED, SINGLE DRUM, SMOOTH, 11.0 TON, 84" WIDE, 3X2, SOIL COMPACTOR	$162,692	D-Off 110 HP		220

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.97	$1.04	**$16.01**	$15.55	$2.16	$0.62	$0.10	$24.00	**$42.43**	**$58.44**
Standby	$7.49	$1.04							**$8.53**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R50 ROLLERS, VIBRATORY, SELF-PROPELLED, SINGLE DRUM

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL007	ATLAS PRO 2000	ROOFING EQUIPMENT, HYDRAULIC SWING HOIST, W/225' CABLE, 2,000 LB CAP	$23,106	Gas 18 HP		12

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.27	$0.14	**$3.41**	$4.01	$0.42	$0.00	$0.00	$3.61	**$8.04**	**$11.45**
Standby	$1.64	$0.14							**$1.78**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL009	ROTARY PLANER	ROOFING EQUIPMENT, ROTARY PLANER, 24" WIDE	$6,111	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**	$2.34	$0.24	$0.00	$0.00	$0.96	**$3.54**	**$4.45**
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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL011	ENFORCER TWIN CUTTER	ROOFING EQUIPMENT, 2-BLADE CUTTER, 25" WIDE, SELF PROPELLED (ADD BLADE COST)	$11,108	Gas 20 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.57	$0.07	**$1.64**	$4.46	$0.46	$0.00	$0.00	$1.74	**$6.66**	**$8.30**
Standby	$0.79	$0.07							**$0.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL016	DUST MSTR ULTRA CUTR	ROOFING EQUIPMENT, 1-BLADE CUTTER, W/WATER DAMPENING SYSTEM AND H.E.P.A. VACUUM SYSTEM	$7,391	Gas 9 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.05	$0.05	**$1.10**	$2.01	$0.21	$0.00	$0.00	$1.16	**$3.37**	**$4.47**
Standby	$0.53	$0.05							**$0.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

R55 ROOFING EQUIPMENT

R55 0.00 ROOFING EQUIPMENT

GARLOCK EQUIPMENT CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL017	ULTRA CUTTER MINI	ROOFING EQUIPMENT, 1-BLADE CUTTER, 17" HEIGHT & 2" WALL CLEARANCE	$3,252	Gas 5 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.46	$0.02	**$0.48**	$1.12	$0.12	$0.00	$0.00	$0.51	**$1.74**	**$2.22**
Standby	$0.23	$0.02							**$0.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL018	NO.12 SCRATCHER	ROOFING EQUIPMENT, SCRATCHER, 18" WIDE	$3,806	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**	$1.23	$0.13	$0.00	$0.00	$0.59	**$1.95**	**$2.51**
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 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
R55GL020	MUSTANG WORKHORSE	ROOFING EQUIPMENT, MATERIAL BUGGY, 36" WIDE, WALK BEHIND GRAVEL SPREADER, HOPPER 800 LBS, 6 CF, 4X2	$6,585	Gas	5.5	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.93	$0.04	**$0.97**	$1.23	$0.13	$0.00	$0.00	$1.03	**$2.39**	**$3.36**
Standby	$0.47	$0.04							**$0.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
R55GL021	ULTRACUTTER PRO	ROOFING EQUIPMENT, 1-BLADE CUTTER, 3.75" DEEP, WALK BEHIND 13 HP (ADD BLADE COST)	$3,774	Gas	13	HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.53	$0.02	**$0.55**	$2.90	$0.30	$0.00	$0.00	$0.59	**$3.79**	**$4.34**
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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL023	ROOF WARRIOR	ROOFING EQUIPMENT, ROOF PEELER, 16" WIDE, WALK BEHIND, POWERED WHEEL 2X2, STD W/ 18" FLAT BLADE	$9,897	Gas 13 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.40	$0.06	**$1.46**	$2.90	$0.30	$0.00	$0.00	$1.55	**$4.75**	**$6.21**
Standby	$0.70	$0.06							**$0.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL026	GS-36	ROOFING EQUIPMENT, POWER SWEEPER, 36" WIDE, WALK BEHIND	$5,548	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**	$1.23	$0.13	$0.00	$0.00	$0.87	**$2.23**	**$3.05**
Standby	$0.40	$0.03							**$0.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55GL027	RAM 150	ROOFING EQUIPMENT, ASPHALT KETTLE, 150 GAL, TRAILER MTD	$38,019	D-Off 6 HP		26

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.35	$0.24	**$5.59**	$0.79	$0.58	$0.04	$0.01	$5.91	**$7.33**	**$12.92**
Standby	$2.68	$0.24							**$2.92**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
R55GL028	RAM 230	ROOFING EQUIPMENT, ASPHALT KETTLE, 230 GAL, W/PUMP, TRAILER MTD	$40,995	Gas	5	HP		40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.77	$0.26	**$6.03**	$1.12	$0.62	$0.04	$0.01	$6.37	**$8.15**	**$14.18**
Standby	$2.89	$0.26							**$3.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
R55GL029	RAM 410	ROOFING EQUIPMENT, ASPHALT KETTLE, 410 GAL, W/PUMP, TRAILER MTD	$47,160	Gas	9	HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.64	$0.29	**$6.93**	$2.01	$0.96	$0.04	$0.01	$7.34	**$10.35**	**$17.28**
Standby	$3.32	$0.29							**$3.61**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55XX027	200 GAL KETTLE	ASPHALT KETTLE, 200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)	$28,582	Gas 9 HP		25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.01	$0.18	**$4.19**	$2.01	$0.71	$0.04	$0.01	$4.43	**$7.20**	**$11.39**
Standby	$2.01	$0.18							**$2.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55XX028	350 GAL KETTLE	ASPHALT KETTLE, 350 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)	$24,117	Gas 9 HP		24

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.38	$0.15	**$3.53**	$2.01	$0.71	$0.04	$0.01	$3.74	**$6.50**	**$10.03**
Standby	$1.69	$0.15							**$1.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55XX029	695 GAL KETTLE	ASPHALT KETTLE, 695 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)	$27,336	Gas 9 HP		37

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.83	$0.17	**$4.00**	$2.01	$0.96	$0.04	$0.01	$4.24	**$7.25**	**$11.25**
Standby	$1.92	$0.17							**$2.09**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55XX030	845 GAL KETTLE	ASPHALT KETTLE, 845 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)	$31,953	Gas 9 HP		42

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.49	$0.20	**$4.69**	$2.01	$0.96	$0.04	$0.01	$4.96	**$7.97**	**$12.66**
Standby	$2.25	$0.20							**$2.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
R55XX031	1200 GAL KETTLE	ASPHALT KETTLE, 1200 GAL, TRAILER MTD (ADD FUEL FOR MATERIAL HEATING)	$39,522	Gas 9 HP		61

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.56	$0.25	**$5.81**	$2.01	$0.96	$0.04	$0.01	$6.14	**$9.16**	**$14.97**
Standby	$2.78	$0.25							**$3.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S10 SCRAPERS, ELEVATING

S10 0.02 OVER 200 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S10CA003	623K	SCRAPER, ELEVATING LOADING, 23 CY, 27.6 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED	$745,323	D-Off 407 HP		833

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.00	$4.57	**$44.57**	$57.53	$7.98	$20.29	$3.10	$58.72	**$147.62**	**$192.19**
Severe	$45.21	$4.61	**$49.82**	$76.09	$10.56	$63.53	$9.72	$69.88	**$229.78**	**$279.60**
Standby	$20.00	$4.57							**$24.57**	

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S15CA001	621K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 24 HEAPED CY, 29 TON, 10.3' CUT WIDTH, 4X2 - SINGLE POWERED	$667,788	D-Off 407 HP		770

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$33.01	$3.93	**$36.94**	$53.82	$7.47	$20.29	$3.10	$38.15	**$122.83**	**$159.77**
Severe	$39.61	$3.97	**$43.58**	$68.67	$9.53	$63.53	$9.72	$48.65	**$200.09**	**$243.67**
Standby	$16.51	$3.93							**$20.44**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

S15 SCRAPERS, CONVENTIONAL

S15 0.00 SCRAPERS, CONVENTIONAL

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S15CA002	631K	SCRAPER, CONVENTIONAL, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X2 - SINGLE POWERED	$900,026	D-Off 570 HP		1028

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.91	$5.29	**$50.20**	$75.38	$10.46	$24.05	$3.68	$51.81	**$165.37**	**$215.57**
Severe	$53.90	$5.35	**$59.25**	$96.17	$13.34	$75.31	$11.52	$66.05	**$262.40**	**$321.65**
Standby	$22.46	$5.29							**$27.75**	

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S20CA001	627K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 24 HEAPED CY, 28.8 TON, 10.3' CUT WIDTH, 4X4	$779,473	D-Off 407 HP	D-Off 290 HP	876

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.97	$4.58	**$43.55**	$95.35	$10.70	$24.67	$3.77	$47.74	**$182.23**	**$225.78**
Severe	$43.30	$4.61	**$47.91**	$123.95	$13.91	$80.58	$12.33	$56.16	**$286.93**	**$334.84**
Standby	$19.49	$4.58							**$24.07**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S20CA003	637K	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 CY, 41.1 TON, 11.5' CUT WIDTH, 4X4	$1,301,682	D-Off 570 HP	D-Off 290 HP	1150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$66.34	$7.65	**$73.99**	$117.65	$13.20	$29.24	$4.47	$80.94	**$245.51**	**$319.50**
Severe	$73.71	$7.70	**$81.41**	$152.94	$17.16	$95.52	$14.61	$95.23	**$375.46**	**$456.87**
Standby	$33.17	$7.65							**$40.82**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S20CA004	637K PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 34 HEAPED CY, 41.1 TON, 11.5' CUT WIDTH, 4X4, PUSH-PULL	$1,184,734	D-Off 450 HP	D-Off 250 HP	1117

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.10	$6.96	**$67.06**	$95.76	$10.74	$29.24	$4.47	$73.40	**$213.62**	**$280.68**
Severe	$66.78	$7.01	**$73.79**	$124.49	$13.97	$95.52	$14.61	$86.36	**$334.95**	**$408.74**
Standby	$30.05	$6.96							**$37.01**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S20 SCRAPERS, TANDEM POWERED

S20 0.00 SCRAPERS, TANDEM POWERED

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S20CA005	657	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 CY, 52 TON, 12.6' CUT WIDTH, 4X4	$1,513,189	D-Off 564 HP	D-Off 410 HP	1508

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$76.46	$8.90	**$85.36**	$133.25	$14.95	$40.16	$6.14	$93.46	**$287.97**	**$373.33**
Severe	$84.96	$8.95	**$93.91**	$173.21	$19.43	$131.19	$20.07	$109.96	**$453.87**	**$547.78**
Standby	$38.23	$8.90							**$47.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S20CA006	657 PP	SCRAPER, TANDEM POWERED, STANDARD LOADING, 44 CY, 52 TON, 12.6' CUT WIDTH, 4X4, PUSH-PULL	$1,541,157	D-Off 564 HP	D-Off 410 HP	1605

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$77.96	$9.06	**$87.02**	$133.25	$14.95	$40.16	$6.14	$95.27	**$289.77**	**$376.79**
Severe	$86.62	$9.12	**$95.74**	$173.21	$19.43	$131.19	$20.07	$112.08	**$455.99**	**$551.73**
Standby	$38.98	$9.06							**$48.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25JD001	1510DC	SCRAPER, TOWED, STANDARD LOADING, 15 HEAPED CY, 19 TON, 10' CUT WIDTH (ADD 460 HP TRACTOR)	$84,447			168

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.25	$0.51	**$5.76**	$0.00	$1.50	$2.66	$0.41	$5.35	**$9.91**	**$15.67**
Severe	$6.03	$0.51	**$6.54**	$0.00	$1.50	$7.69	$1.18	$6.59	**$16.96**	**$23.50**
Standby	$2.63	$0.51							**$3.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25JD002	1814DC	SCRAPER, TOWED, STANDARD LOADING, 18 HEAPED CY, 23 TON, 14' CUT WIDTH (ADD 460HP TRACTOR)	$107,038			210

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.51	$0.64	**$7.15**	$0.00	$1.50	$3.98	$0.61	$6.66	**$12.76**	**$19.91**
Severe	$7.48	$0.65	**$8.13**	$0.00	$1.50	$11.54	$1.77	$8.21	**$23.02**	**$31.15**
Standby	$3.26	$0.64							**$3.90**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S25 SCRAPERS, TRACTOR DRAWN

S25 0.00 SCRAPERS, TRACTOR DRAWN

REYNOLDS INTERNATIONAL, L.P.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RI001	14CS10	SCRAPER, TOWED, PIVOT DUMP, 10.7-14 HEAPED CY, 15 TON, 10' CUT WIDTH (ADD 250 - 300 HP TRACTOR)	$70,339			136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.35	$0.42	**$4.77**	$0.00	$1.50	$2.31	$0.35	$4.44	**$8.60**	**$13.37**
Severe	$5.00	$0.43	**$5.43**	$0.00	$1.50	$6.68	$1.02	$5.47	**$14.67**	**$20.10**
Standby	$2.18	$0.42							**$2.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RI002	17C12 (RG)	SCRAPER, TOWED, PIVOT DUMP, 13-17 HEAPED CY, 17 TON, 12' CUT WIDTH (ADD 350 - 400 HP TRACTOR)	$81,521			170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.95	$0.49	**$5.44**	$0.00	$1.50	$3.05	$0.47	$5.07	**$10.09**	**$15.53**
Severe	$5.69	$0.49	**$6.18**	$0.00	$1.50	$8.84	$1.35	$6.25	**$17.94**	**$24.12**
Standby	$2.48	$0.49							**$2.97**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RM001	RP-150CFB	SCRAPER, TOWED, 15 HEAPED CY, 17 TON, 14' CUT WIDTH (ADD 200-360 HP TRACTOR)	$72,968			157

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.51	$0.44	**$1.95**	$0.00	$1.50	$15.10	$2.31	$2.21	**$21.13**	**$23.08**
Severe	$1.74	$0.44	**$2.18**	$0.00	$1.50	$43.74	$6.69	$2.73	**$54.66**	**$56.84**
Standby	$0.76	$0.44							**$1.20**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RM002	RP-212HDE	SCRAPER, TOWED, 23 HEAPED CY, 29 TON, 12.5' CUT WIDTH (ADD 375-600 HP TRACTOR)	$123,862			292

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.43	$0.74	**$8.17**	$0.00	$1.50	$5.03	$0.77	$7.63	**$14.94**	**$23.11**
Severe	$8.54	$0.75	**$9.29**	$0.00	$1.50	$14.58	$2.23	$9.40	**$27.72**	**$37.01**
Standby	$3.72	$0.74							**$4.46**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RM003	RP-90CS	SCRAPER, TOWED, 9 HEAPED CY, 12.5 TON, 7' CUT WIDTH (ADD 125-200 HP TRACTOR)	$38,532			97

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.40	$0.23	**$2.63**	$0.00	$0.00	$0.71	$0.11	$2.45	**$3.26**	**$5.89**
Severe	$2.76	$0.23	**$2.99**	$0.00	$0.00	$2.04	$0.31	$3.02	**$5.37**	**$8.36**
Standby	$1.20	$0.23							**$1.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S25RM004	RP-120CFB	SCRAPER, TOWED, 18-26 HEAPED CY, 25 TON, 10.8' CUT WIDTH (ADD 310-410 HP TRACTOR)	$66,518			146

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.49	$0.40	**$3.89**	$0.00	$1.50	$4.82	$0.74	$3.70	**$10.76**	**$14.65**
Severe	$4.01	$0.40	**$4.41**	$0.00	$1.50	$13.97	$2.14	$4.56	**$22.17**	**$26.58**
Standby	$1.75	$0.40							**$2.15**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ002	13-24100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 100' LONG, PORTABLE, 250 TPH	$101,076	Elec 15 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.32	$0.57	**$8.89**	$1.29	$0.63	$1.75	$0.27	$7.66	**$11.59**	**$20.48**
Severe	$10.41	$0.59	**$11.00**	$1.54	$0.91	$4.93	$0.75	$11.63	**$19.76**	**$30.76**
Standby	$4.16	$0.57							**$4.73**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ004	13-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 100' LONG, PORTABLE, 500 TPH	$117,032	Elec 15 HP		64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.74	$0.66	**$10.40**	$1.29	$0.63	$1.81	$0.28	$8.95	**$12.95**	**$23.35**
Severe	$12.17	$0.68	**$12.85**	$1.54	$0.91	$5.11	$0.78	$13.59	**$21.92**	**$34.77**
Standby	$4.87	$0.66							**$5.53**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
S30KJ006	13-36100	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 100' LONG, PORTABLE, 750 TPH	$117,290	Elec	30	HP		38

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.76	$0.66	**$10.42**	$2.57	$1.25	$1.81	$0.28	$8.97	**$14.88**	**$25.30**
Severe	$12.20	$0.68	**$12.88**	$3.09	$1.82	$5.11	$0.78	$13.62	**$24.42**	**$37.30**
Standby	$4.88	$0.66							**$5.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
S30KJ010	31-3080	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 80' LONG, PORTABLE, 500 TPH	$87,218	Elec	20	HP		32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.10	$0.49	**$7.59**	$1.72	$0.84	$1.69	$0.26	$6.55	**$11.05**	**$18.64**
Severe	$8.88	$0.51	**$9.39**	$2.06	$1.21	$4.75	$0.73	$9.94	**$18.69**	**$28.08**
Standby	$3.55	$0.49							**$4.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ011	31-30100	SCREENING & CRUSHING PLANTS, CONVEYOR, SIDE FOLDING STACKER, 30" WIDE X 100' LONG, PORTABLE, 550 TPH	$97,887	Elec 25 HP		39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.96	$0.55	**$8.51**	$2.15	$1.05	$1.93	$0.30	$7.34	**$12.76**	**$21.27**
Severe	$9.95	$0.57	**$10.52**	$2.57	$1.51	$5.46	$0.84	$11.14	**$21.52**	**$32.04**
Standby	$3.98	$0.55							**$4.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ035	12-3070	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 30" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 500 TPH	$105,197	Elec 20 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.47	$0.60	**$9.07**	$1.72	$0.84	$2.29	$0.35	$7.82	**$13.02**	**$22.09**
Severe	$10.59	$0.61	**$11.20**	$2.06	$1.21	$6.53	$1.00	$11.87	**$22.66**	**$33.86**
Standby	$4.24	$0.60							**$4.84**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
S30KJ041	12-3670	SCREENING & CRUSHING PLANTS, FEEDER CONVEYOR, 36" WIDE X 70' LONG, 7 CY HOPPER & 6' FEED, PORTABLE, 750 TPH	$126,411	Elec	20	HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.38	$0.72	**$11.10**	$1.72	$0.84	$2.29	$0.35	$9.56	**$14.76**	**$25.86**
Severe	$12.98	$0.73	**$13.71**	$2.06	$1.21	$6.53	$1.00	$14.51	**$25.31**	**$39.02**
Standby	$5.19	$0.72							**$5.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$194,703	Elec	30	HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.83	$1.10	**$17.93**	$2.57	$1.25	$1.56	$0.24	$15.41	**$21.03**	**$38.96**
Severe	$21.03	$1.13	**$22.16**	$3.09	$1.82	$4.40	$0.67	$23.39	**$33.37**	**$55.53**
Standby	$8.42	$1.10							**$9.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
S30KJ043	1936-3	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 36" WIDE X 40' LONG CONVEYOR, PORTABLE, 2,000 TPH	$202,140	Elec	15	HP		20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.49	$1.14	**$18.63**	$1.29	$0.63	$1.56	$0.24	$16.02	**$19.74**	**$38.37**
Severe	$21.87	$1.17	**$23.04**	$1.54	$0.91	$4.40	$0.67	$24.31	**$31.83**	**$54.87**
Standby	$8.75	$1.14							**$9.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$126,224	Elec	40	HP		20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.66	$0.71	**$11.37**	$3.43	$1.67	$1.56	$0.24	$9.79	**$16.69**	**$28.06**
Severe	$13.33	$0.73	**$14.06**	$4.12	$2.42	$4.40	$0.67	$14.86	**$26.47**	**$40.53**
Standby	$5.33	$0.71							**$6.04**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ054	1936-2	SCREENING & CRUSHING PLANTS, SURGE BIN, 25CY, BELT FEEDER, & 30" WIDE X 40' LONG CONVEYOR, PORTABLE, 1,500 TPH	$145,130	Elec 15 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.36	$0.82	**$13.18**	$1.29	$0.63	$1.56	$0.24	$11.34	**$15.06**	**$28.24**
Severe	$15.46	$0.84	**$16.30**	$1.54	$0.91	$4.40	$0.67	$17.21	**$24.73**	**$41.03**
Standby	$6.18	$0.82							**$7.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$194,995	Elec 75 HP		125

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.15	$1.10	**$17.25**	$6.44	$3.13	$3.64	$0.56	$14.86	**$28.62**	**$45.87**
Severe	$20.19	$1.13	**$21.32**	$7.72	$4.54	$10.77	$1.65	$22.55	**$47.23**	**$68.55**
Standby	$8.08	$1.10							**$9.18**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$130,725	Elec 40 HP		65

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.02	$0.74	**$11.76**	$3.43	$1.67	$1.69	$0.26	$10.12	**$17.16**	**$28.92**
Severe	$13.77	$0.76	**$14.53**	$4.12	$2.42	$4.75	$0.73	$15.36	**$27.38**	**$41.91**
Standby	$5.51	$0.74							**$6.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$162,428	Elec 57.5 HP		82

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.87	$0.92	**$14.79**	$4.93	$2.40	$1.69	$0.26	$12.72	**$21.99**	**$36.78**
Severe	$17.34	$0.94	**$18.28**	$5.92	$3.48	$4.75	$0.73	$19.31	**$34.19**	**$52.47**
Standby	$6.94	$0.92							**$7.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$190,963	Elec 60 HP		103

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.79	$1.08	**$16.87**	$5.15	$2.51	$3.64	$0.56	$14.53	**$26.38**	**$43.25**
Severe	$19.74	$1.11	**$20.85**	$6.18	$3.64	$10.77	$1.65	$22.05	**$44.28**	**$65.13**
Standby	$7.90	$1.08							**$8.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ065	13-30150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 150' LONG, PORTABLE, 500 TPH	$193,773	Elec 57.5 HP		82

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.74	$1.10	**$16.84**	$4.93	$2.40	$4.36	$0.67	$14.51	**$26.87**	**$43.71**
Severe	$19.68	$1.12	**$20.80**	$5.92	$3.48	$12.90	$1.97	$22.03	**$46.30**	**$67.10**
Standby	$7.87	$1.10							**$8.97**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ066	13-36125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 125' LONG, PORTABLE, 750 TPH	$169,931	Elec 67.5 HP		93

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.60	$0.96	**$14.56**	$5.79	$2.82	$4.36	$0.67	$12.56	**$26.20**	**$40.76**
Severe	$17.00	$0.99	**$17.99**	$6.95	$4.09	$12.90	$1.97	$19.06	**$44.97**	**$62.96**
Standby	$6.80	$0.96							**$7.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ067	13-36150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 36" WIDE X 150' LONG, PORTABLE, 750 TPH	$199,179	Elec 82.5 HP		110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.23	$1.13	**$17.36**	$7.08	$3.44	$4.36	$0.67	$14.96	**$30.51**	**$47.87**
Severe	$20.29	$1.16	**$21.45**	$8.49	$5.00	$12.90	$1.97	$22.70	**$51.06**	**$72.51**
Standby	$8.12	$1.13							**$9.25**	

* - Adjustable Elements

Region: 2
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Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ070	13-24125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 125' LONG, PORTABLE, 250 TPH	$104,349	Elec 22.5 HP		57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.59	$0.59	**$9.18**	$1.93	$0.94	$1.81	$0.28	$7.91	**$12.86**	**$22.04**
Severe	$10.74	$0.61	**$11.35**	$2.32	$1.37	$5.11	$0.78	$12.01	**$21.58**	**$32.93**
Standby	$4.30	$0.59							**$4.89**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ071	13-24150	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 24" WIDE X 150' LONG, PORTABLE, 250 TPH	$176,175	Elec 22.5 HP		65

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.78	$1.00	**$15.78**	$1.93	$0.94	$2.34	$0.36	$13.58	**$19.15**	**$34.93**
Severe	$18.48	$1.02	**$19.50**	$2.32	$1.37	$6.49	$0.99	$20.61	**$31.78**	**$51.28**
Standby	$7.39	$1.00							**$8.39**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ072	13-30125	SCREENING & CRUSHING PLANTS, CONVEYOR, STACKING, 30" WIDE X 125' LONG, PORTABLE, 500 TPH	$147,683	Elec 32.5 HP		71

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.84	$0.84	**$12.68**	$2.79	$1.36	$3.76	$0.57	$10.93	**$19.41**	**$32.09**
Severe	$14.81	$0.86	**$15.67**	$3.35	$1.97	$11.12	$1.70	$16.60	**$34.74**	**$50.41**
Standby	$5.92	$0.84							**$6.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ082	11-2470	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 24" WIDE X 70' LONG, WHEEL MTD, 250 TPH	$62,927	Elec 10 HP		115

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.67	$0.36	**$5.03**	$0.86	$0.42	$2.29	$0.35	$4.35	**$8.27**	**$13.30**
Severe	$5.83	$0.37	**$6.20**	$1.03	$0.61	$6.53	$1.00	$6.60	**$15.76**	**$21.96**
Standby	$2.34	$0.36							**$2.70**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ083	11-3050	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 50' LONG, WHEEL MTD, 500 TPH	$48,286	Elec 15 HP		97

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.55	$0.27	**$3.82**	$1.29	$0.63	$1.81	$0.28	$3.31	**$7.31**	**$11.13**
Severe	$4.44	$0.28	**$4.72**	$1.54	$0.91	$5.11	$0.78	$5.02	**$13.36**	**$18.08**
Standby	$1.78	$0.27							**$2.05**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ084	11-3070	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 30" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH	$65,141	Elec 20 HP		124

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.87	$0.37	**$5.24**	$1.72	$0.84	$2.29	$0.35	$4.53	**$9.73**	**$14.97**
Severe	$6.08	$0.38	**$6.46**	$2.06	$1.21	$6.53	$1.00	$6.88	**$17.67**	**$24.13**
Standby	$2.44	$0.37							**$2.81**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ085	11-3650	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 50' LONG, WHEEL MTD, 750 TPH	$50,709	Elec 20 HP		101

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.77	$0.29	**$4.06**	$1.72	$0.84	$1.81	$0.28	$3.51	**$8.15**	**$12.21**
Severe	$4.71	$0.29	**$5.00**	$2.06	$1.21	$5.11	$0.78	$5.32	**$14.49**	**$19.49**
Standby	$1.89	$0.29							**$2.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ086	11-3670	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 36" WIDE X 70' LONG, WHEEL MTD, 750 TPH	$68,573	Elec 25 HP		137

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.18	$0.39	**$5.57**	$2.15	$1.05	$2.29	$0.35	$4.81	**$10.65**	**$16.22**
Severe	$6.47	$0.40	**$6.87**	$2.57	$1.51	$6.53	$1.00	$7.30	**$18.91**	**$25.78**
Standby	$2.59	$0.39							**$2.98**	

* - Adjustable Elements

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Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ087	11-4250	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 50' LONG, WHEEL MTD, 1,000 TPH	$60,521	Elec 30 HP		116

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.67	$0.34	**$5.01**	$2.57	$1.25	$1.75	$0.27	$4.33	**$10.17**	**$15.18**
Severe	$5.84	$0.35	**$6.19**	$3.09	$1.82	$4.93	$0.75	$6.58	**$17.17**	**$23.36**
Standby	$2.34	$0.34							**$2.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ088	11-4270	SCREENING & CRUSHING PLANTS, CONVEYOR, TRUSS FRAME, 42" WIDE X 70' LONG, WHEEL MTD, 1,000 TPH	$101,259	Elec 40 HP		161

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.15	$0.57	**$8.72**	$3.43	$1.67	$2.21	$0.34	$7.52	**$15.17**	**$23.89**
Severe	$10.19	$0.59	**$10.78**	$4.12	$2.42	$6.30	$0.96	$11.42	**$25.22**	**$36.00**
Standby	$4.08	$0.57							**$4.65**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.10 CONVEYORS

PUTZMEISTER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$593,956	D-On 400 HP		615

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$52.63	$3.36	**$55.99**	$67.58	$8.20	$2.95	$0.45	$48.07	**$127.25**	**$183.24**
Severe	$65.79	$3.45	**$69.24**	$80.66	$11.68	$9.51	$1.45	$72.97	**$176.27**	**$245.51**
Standby	$26.32	$3.36							**$29.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$719,089	D-On 400 HP		763

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$63.89	$4.07	**$67.96**	$67.58	$8.20	$2.76	$0.42	$58.35	**$137.31**	**$205.27**
Severe	$79.86	$4.17	**$84.03**	$80.66	$11.68	$8.78	$1.34	$88.56	**$191.03**	**$275.06**
Standby	$31.95	$4.07							**$36.02**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.20 CRUSHERS - VERTICAL & HORIZONTAL SHAFT IMPACTO

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$604,842	D-Off 360 HP		548

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.44	$3.21	**$24.65**	$50.89	$6.18	$1.60	$0.24	$27.98	**$86.89**	**$111.54**
Severe	$35.74	$3.30	**$39.04**	$60.74	$8.80	$4.15	$0.63	$58.30	**$132.61**	**$171.65**
Standby	$10.72	$3.21							**$13.93**	

S30 0.21 CRUSHERS - CONE

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ068	K200PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 385 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)	$529,593	Elec 215 HP		340

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.72	$2.81	**$21.53**	$18.45	$8.98	$1.81	$0.28	$29.33	**$58.84**	**$80.37**
Severe	$31.20	$2.89	**$34.09**	$22.14	$13.03	$4.94	$0.76	$65.17	**$106.04**	**$140.13**
Standby	$9.36	$2.81							**$12.17**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30KJ069	K300PM	SCREENING & CRUSHING PLANTS, CONE CRUSHER, 460 TPH, HOPPER FEED, 42" WIDE DISCHARGE CONVEYOR, TRAILER MTD (ADD 210KW GENERATOR)	$653,662	Elec 315 HP		825

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.08	$3.47	**$26.55**	$27.03	$13.15	$2.34	$0.36	$36.15	**$79.04**	**$105.59**
Severe	$38.47	$3.57	**$42.04**	$32.43	$19.09	$6.33	$0.97	$80.34	**$139.15**	**$181.19**
Standby	$11.54	$3.47							**$15.01**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$443,838	Elec 500 HP		123

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.68	$2.35	**$18.03**	$42.90	$20.87	$1.46	$0.22	$24.55	**$90.02**	**$108.05**
Severe	$26.13	$2.42	**$28.55**	$51.48	$30.30	$3.80	$0.58	$54.57	**$140.73**	**$169.28**
Standby	$7.84	$2.35							**$10.19**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$600,268	D-Off 175 HP		590

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.17	$3.18	**$24.35**	$24.74	$3.00	$2.27	$0.35	$17.97	**$48.32**	**$72.67**
Severe	$35.28	$3.28	**$38.56**	$29.53	$4.28	$6.10	$0.93	$39.16	**$79.99**	**$118.55**
Standby	$10.59	$3.18							**$13.77**	

TELSMITH INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30TS001	JP3258	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 32" X 58" FEED OPENING, TRAILER MTD	$703,107	D-Off 365 HP		1260

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.87	$3.73	**$28.60**	$51.60	$6.26	$2.13	$0.33	$21.10	**$81.42**	**$110.02**
Severe	$41.45	$3.84	**$45.29**	$61.58	$8.92	$5.53	$0.85	$45.99	**$122.86**	**$168.15**
Standby	$12.44	$3.73							**$16.17**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30TS002	JP3244	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 32" X 44" FEED OPENING, TRAILER MTD	$587,688	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	$3.12	**$23.95**	$38.87	$4.72	$1.60	$0.24	$17.67	**$63.10**	**$87.05**
Severe	$34.71	$3.21	**$37.92**	$46.40	$6.72	$4.15	$0.63	$38.50	**$96.40**	**$134.32**
Standby	$10.42	$3.12							**$13.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30TS003	JP2550	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 10.5 CY HOPPER, 25" X 50" FEED OPENING, TRAILER MTD	$546,089	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	$2.90	**$22.23**	$38.87	$4.72	$1.60	$0.24	$16.40	**$61.83**	**$84.06**
Severe	$32.21	$2.98	**$35.19**	$46.40	$6.72	$4.15	$0.63	$35.74	**$93.64**	**$128.83**
Standby	$9.67	$2.90							**$12.57**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.22 CRUSHERS - JAW

TELSMITH INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30TS004	JP2238	SCREENING & CRUSHING PLANTS, CRUSHER - HYDRAULIC JAW, 9.5 CY HOPPER, 22" X 38" FEED OPENING, TRAILER MTD	$501,477	D-Off 275 HP		637

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.83	$2.66	**$20.49**	$38.87	$4.72	$1.07	$0.16	$15.12	**$59.94**	**$80.43**
Severe	$29.72	$2.74	**$32.46**	$46.40	$6.72	$2.76	$0.42	$32.96	**$89.26**	**$121.72**
Standby	$8.92	$2.66							**$11.58**	

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30EM001	2" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 10'W X 7'4"D, SQUARE TUBING WITH 2" SPACES	$11,401			100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.03	$0.06	**$1.09**	$0.00	$0.00	$0.00	$0.00	$1.07	**$1.07**	**$2.16**
Severe	$1.28	$0.07	**$1.35**	$0.00	$0.00	$0.00	$0.00	$1.67	**$1.67**	**$3.02**
Standby	$0.52	$0.06							**$0.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

EXCEL MACHINERY LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30EM002	6" GRIZZLY SCREEN	SCREENING & CRUSHING PLANTS, STATIC GRIZZLY SINGLE SCREEN, 14'W X 9'D, SQUARE TUBING WITH 6" SPACES	$15,598			200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.40	$0.09	**$1.49**	$0.00	$0.00	$0.00	$0.00	$1.46	**$1.46**	**$2.95**
Severe	$1.75	$0.09	**$1.84**	$0.00	$0.00	$0.00	$0.00	$2.29	**$2.29**	**$4.13**
Standby	$0.70	$0.09							**$0.79**	

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$221,741	Elec 85 HP		280

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$19.16	$1.25	**$20.41**	$7.29	$3.55	$1.81	$0.28	$20.05	**$32.97**	**$53.38**
Severe	$23.95	$1.29	**$25.24**	$8.75	$5.15	$5.11	$0.78	$31.33	**$51.12**	**$76.36**
Standby	$9.58	$1.25							**$10.83**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$260,801	Elec	90	HP		355

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.52	$1.48	**$23.00**	$7.72	$3.76	$4.49	$0.69	$22.63	**$39.29**	**$62.29**
Severe	$26.90	$1.51	**$28.41**	$9.27	$5.46	$12.79	$1.96	$35.36	**$64.83**	**$93.24**
Standby	$10.76	$1.48							**$12.24**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$412,266	Elec	40	HP		530

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.55	$2.33	**$38.88**	$3.43	$1.67	$1.07	$0.16	$38.16	**$44.48**	**$83.36**
Severe	$45.69	$2.39	**$48.08**	$4.12	$2.42	$2.76	$0.42	$59.62	**$69.35**	**$117.43**
Standby	$18.28	$2.33							**$20.61**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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	$506,040	Elec	40	HP		752

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.72	$2.86	**$47.58**	$3.43	$1.67	$1.60	$0.24	$46.70	**$53.64**	**$101.22**
Severe	$55.90	$2.94	**$58.84**	$4.12	$2.42	$4.15	$0.63	$72.96	**$84.29**	**$143.13**
Standby	$22.36	$2.86							**$25.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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	$453,125	Elec	3	HP		423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.78	$2.56	**$43.34**	$0.26	$0.13	$0.00	$0.00	$42.51	**$42.89**	**$86.23**
Severe	$50.98	$2.63	**$53.61**	$0.31	$0.18	$0.00	$0.00	$66.42	**$66.91**	**$120.52**
Standby	$20.39	$2.56							**$22.95**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

KPI-JCI

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: 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	$461,646	Elec 10 HP		527

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$40.27	$2.61	**$42.88**	$0.86	$0.42	$2.74	$0.42	$42.11	**$46.54**	**$89.42**
Severe	$50.34	$2.68	**$53.02**	$1.03	$0.61	$7.53	$1.15	$65.79	**$76.10**	**$129.12**
Standby	$20.14	$2.61							**$22.75**	

METSO MINERALS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Carrier	CWT
S30RA002	ST2.4	MOBILE SCREENING PLANT, 2 DECKS, 6.6 CY HOPPER, 5'X12' SCREENS, 3 DISCHARGE CONVEYORS	$232,154	D-Off 102 HP		584

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$20.89	$1.31	**$22.20**	$14.42	$1.75	$0.00	$0.00	$21.78	**$37.95**	**$60.15**
Severe	$26.12	$1.35	**$27.47**	$17.21	$2.49	$0.00	$0.00	$34.03	**$53.73**	**$81.20**
Standby	$10.45	$1.31							**$11.76**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

METSO MINERALS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30RA004	ST3.8	MOBILE SCREENING PLANT, 2 DECKS, 9.6 CY HOPPER, 18' X 5' SCREENS, 3 DISCHARGE CONVEYORS	$320,470	D-Off 142 HP		620

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.84	$1.81	**$30.65**	$20.07	$2.44	$0.00	$0.00	$30.06	**$52.57**	**$83.22**
Severe	$36.05	$1.86	**$37.91**	$23.96	$3.47	$0.00	$0.00	$46.97	**$74.40**	**$112.31**
Standby	$14.42	$1.81							**$16.23**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S30XX038	STATIC GRIZZLY 2"	GRIZZLY SCREEN, 10' W X 8.5' H X 7.3' D, 2" BAR SPACING	$8,869			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.80	$0.05	**$0.85**	$0.00	$0.00	$0.00	$0.00	$0.83	**$0.83**	**$1.68**
Severe	$1.00	$0.05	**$1.05**	$0.00	$0.00	$0.00	$0.00	$1.30	**$1.30**	**$2.35**
Standby	$0.40	$0.05							**$0.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S30 SCREENING & CRUSHING PLANTS

S30 0.30 SCREENING PLANT

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S30XX039	STATIC GRIZZLY 8"	GRIZZLY SCREEN, 14' W X 9' H X 8' D, 8" BAR SPACING	$13,594			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.22	$0.08	**$1.30**	$0.00	$0.00	$0.00	$0.00	$1.28	**$1.28**	**$2.58**
Severe	$1.53	$0.08	**$1.61**	$0.00	$0.00	$0.00	$0.00	$1.99	**$1.99**	**$3.60**
Standby	$0.61	$0.08							**$0.69**	

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
S35WA001	EX1270	SNOW REMOVAL EQUIPMENT, SNOW PLOW, REVERSIBLE, 10' CUTTING WIDTH (ADD DUMP TRUCK)	$18,663			24

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.87	$0.12	**$1.99**	$0.00	$0.00	$0.00	$0.00	$2.19	**$2.19**	**$4.18**
Standby	$0.94	$0.12							**$1.06**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$186,566	D-Off 300 HP		100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.66	$1.15	**$19.81**	$42.41	$5.15	$0.00	$0.00	$21.88	**$69.43**	**$89.24**
Standby	$9.33	$1.15							**$10.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$130,235			90

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.02	$0.81	**$13.83**	$0.00	$0.00	$0.00	$0.00	$15.27	**$15.27**	**$29.10**
Standby	$6.51	$0.81							**$7.32**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S35 0.00 SNOW REMOVAL EQUIPMENT

HAULPAK DIVISION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S35WA004	TU3 BLOWER	SNOW REMOVAL EQUIPMENT, TRUCK MOUNTED SNOW BLOWER, 102" CUTTING WIDTH, 2500 TPH (ADD 45K GVW TRUCK)	$310,960	D-Off 425 HP		140

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.10	$1.92	**$33.02**	$60.08	$7.29	$0.00	$0.00	$36.46	**$103.84**	**$136.86**
Standby	$15.55	$1.92							**$17.47**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S35WA005	HSS 2658	SNOW REMOVAL EQUIPMENT, SNOW PLOW, 1-WAY 9.67' CUTTING WIDTH (ADD DUMP TRUCK)	$14,800			25

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.48	$0.09	**$1.57**	$0.00	$0.00	$0.00	$0.00	$1.74	**$1.74**	**$3.31**
Standby	$0.74	$0.09							**$0.83**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S35WA006	VX58100 V PLOW	SNOW REMOVAL EQUIPMENT, SNOW PLOW, V PLOW, 10' CUTTING WIDTH (ADD DUMP TRUCK)	$21,590			31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.16	$0.13	**$2.29**	$0.00	$0.00	$0.00	$0.00	$2.53	**$2.53**	**$4.82**
Standby	$1.08	$0.13							**$1.21**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S35 SNOW REMOVAL EQUIPMENT

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

BOMAG

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S40BO001	RS446	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE HYDROSTATIC RECLAIMER/SOIL STABILIZER, 4X2	$718,595	D-Off 415 HP		564

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.67	$4.35	**$60.02**	$64.34	$7.81	$8.81	$1.35	$67.74	**$150.04**	**$210.06**
Severe	$69.58	$4.44	**$74.02**	$83.27	$10.11	$25.62	$3.92	$94.63	**$217.55**	**$291.57**
Standby	$27.84	$4.35							**$32.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S40BO002	MPH-364 R-2	SOIL & ROAD STABILIZER, 12" DEEP X 9.6' WIDE, HYDROSTATIC RECLAIMER/ SOIL STABILIZER, 4X2	$495,607	D-Off 360 HP		390

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.94	$3.00	**$41.94**	$55.81	$6.77	$1.93	$0.30	$47.24	**$112.06**	**$154.00**
Severe	$48.67	$3.06	**$51.73**	$72.23	$8.77	$5.54	$0.85	$66.00	**$153.38**	**$205.11**
Standby	$19.47	$3.00							**$22.47**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

S40 SOIL & ROAD STABILIZERS

S40 0.00 SOIL & ROAD STABILIZERS

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S40CA003	RM-400 LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4	$474,619	D-Off 511 HP		534

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.07	$2.87	**$39.94**	$79.23	$9.62	$2.05	$0.31	$45.04	**$136.25**	**$176.19**
Severe	$46.34	$2.93	**$49.27**	$102.53	$12.45	$5.58	$0.85	$62.92	**$184.33**	**$233.60**
Standby	$18.54	$2.87							**$21.41**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
S40CA004	RM-500B LR	SOIL & ROAD STABILIZER, 20" DEEP X 96" WIDE, HYDROSTATIC ROAD RECLAIMER/ SOIL STABILIZER, 4X4	$624,826	D-Off 546 HP		592

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$48.31	$3.78	**$52.09**	$84.65	$10.27	$5.22	$0.80	$58.81	**$159.76**	**$211.85**
Severe	$60.39	$3.86	**$64.25**	$109.55	$13.30	$13.75	$2.10	$82.16	**$220.87**	**$285.12**
Standby	$24.16	$3.78							**$27.94**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

S45 0.00 SPLITTERS, ROCK & CONCRETE

ELCO INTERNATIONAL INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$17,605	Gas 3.75 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.35	$0.11	**$2.46**	$0.91	$0.13	$0.00	$0.00	$3.44	**$4.48**	**$6.94**
Standby	$1.18	$0.11							**$1.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$19,071	Gas 3.75 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.54	$0.12	**$2.66**	$0.91	$0.13	$0.00	$0.00	$3.73	**$4.76**	**$7.42**
Standby	$1.27	$0.12							**$1.39**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$21,529	Gas 3.75 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.87	$0.14	**$3.01**	$0.91	$0.13	$0.00	$0.00	$4.21	**$5.24**	**$8.25**
Standby	$1.44	$0.14							**$1.58**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

S45 SPLITTERS, ROCK & CONCRETE

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA001	D3 ACCUGRADE BLADE	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.17 CY (ADD D3 TRACTOR)	$4,477			15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.36	$0.03	**$0.39**	$0.00	$0.00	$0.00	$0.00	$0.42	**$0.42**	**$0.81**
Severe	$0.45	$0.03	**$0.48**	$0.00	$0.00	$0.00	$0.00	$0.59	**$0.59**	**$1.07**
Standby	$0.18	$0.03							**$0.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA002	D3-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D3 (ADD D3 TRACTOR)	$21,606			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.73	$0.13	**$1.86**	$0.00	$0.00	$0.00	$0.00	$2.02	**$2.02**	**$3.88**
Severe	$2.16	$0.13	**$2.29**	$0.00	$0.00	$0.00	$0.00	$2.85	**$2.85**	**$5.14**
Standby	$0.87	$0.13							**$1.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA004	D4 ACCUGRADE BLADE	TRACTOR ATTACHMENTS, BLADE, LGP, ACCUGRADE, HYDRAULIC, 2.42 CY (ADD D4 TRACTOR)	$5,407			17

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	$0.00	$0.00	$0.00	$0.51	**$0.51**	**$0.97**
Severe	$0.54	$0.03	**$0.57**	$0.00	$0.00	$0.00	$0.00	$0.71	**$0.71**	**$1.28**
Standby	$0.22	$0.03							**$0.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA005	D4-PA40	TRACTOR ATTACHMENTS, POWER WINCH, W/250' CABLE, FOR D4 (ADD D4 TRACTOR)	$21,606			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.73	$0.13	**$1.86**	$0.00	$0.00	$0.00	$0.00	$2.02	**$2.02**	**$3.88**
Severe	$2.16	$0.13	**$2.29**	$0.00	$0.00	$0.00	$0.00	$2.85	**$2.85**	**$5.14**
Standby	$0.87	$0.13							**$1.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA007	D5 XL ACCUGRADE	TRACTOR ATTACHMENTS, BLADE, ACCUGRADE, HYDRAULIC, 2.86 CY (ADD D5 TRACTOR)	$5,568			18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.45	$0.03	**$0.48**	$0.00	$0.00	$0.00	$0.00	$0.52	**$0.52**	**$1.00**
Severe	$0.56	$0.03	**$0.59**	$0.00	$0.00	$0.00	$0.00	$0.73	**$0.73**	**$1.32**
Standby	$0.23	$0.03							**$0.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA008	D5-PA40	TRACTOR ATTACHMENTS, POWER WINCH, FOR D5 (ADD D5 TRACTOR)	$21,744			26

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.74	$0.13	**$1.87**	$0.00	$0.00	$0.00	$0.00	$2.04	**$2.04**	**$3.91**
Severe	$2.17	$0.13	**$2.30**	$0.00	$0.00	$0.00	$0.00	$2.86	**$2.86**	**$5.16**
Standby	$0.87	$0.13							**$1.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T10 TRACTOR BLADES & ATTACHMENTS (including agricultural)

T10 0.00 TRACTOR BLADES & ATTACHMENTS (including agricultur

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA009	D6 S BLADE	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, 12.3 CY (ADD D6 TRACTOR)	$18,519			57

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.48	$0.11	**$1.59**	$0.00	$0.00	$0.00	$0.00	$1.73	**$1.73**	**$3.32**
Severe	$1.85	$0.11	**$1.96**	$0.00	$0.00	$0.00	$0.00	$2.44	**$2.44**	**$4.40**
Standby	$0.74	$0.11							**$0.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA011	D6-PA56 WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D6 (ADD D6 TRACTOR)	$49,952			27

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.00	$0.30	**$4.30**	$0.00	$0.00	$0.00	$0.00	$4.68	**$4.68**	**$8.98**
Severe	$5.00	$0.31	**$5.31**	$0.00	$0.00	$0.00	$0.00	$6.58	**$6.58**	**$11.89**
Standby	$2.00	$0.30							**$2.30**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA012	D7 STRAIGHT BLADE	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D7, 6.75 CY (ADD D7 TRACTOR)	$16,437			77

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.31	$0.10	**$1.41**	$0.00	$0.00	$0.00	$0.00	$1.54	**$1.54**	**$2.95**
Severe	$1.64	$0.10	**$1.74**	$0.00	$0.00	$0.00	$0.00	$2.16	**$2.16**	**$3.90**
Standby	$0.66	$0.10							**$0.76**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA013	D7 UNIVERSAL BLADE	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D7, 10.91 CY (ADD D7 TRACTOR)	$21,243			86

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.70	$0.13	**$1.83**	$0.00	$0.00	$0.00	$0.00	$1.99	**$1.99**	**$3.82**
Severe	$2.12	$0.13	**$2.25**	$0.00	$0.00	$0.00	$0.00	$2.80	**$2.80**	**$5.05**
Standby	$0.85	$0.13							**$0.98**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA015	D7 PA90 POWER WINCH	TRACTOR ATTACHMENTS, POWER WINCH, VARIABLE SPEED (ADD D7 TRACTOR)	$61,759			5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.94	$0.37	**$5.31**	$0.00	$0.00	$0.00	$0.00	$5.78	**$5.78**	**$11.09**
Severe	$6.18	$0.38	**$6.56**	$0.00	$0.00	$0.00	$0.00	$8.13	**$8.13**	**$14.69**
Standby	$2.47	$0.37							**$2.84**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA016	D8-SU	TRACTOR ATTACHMENTS, BLADE, STRAIGHT, HYDRAULIC, FOR D8, 11.4 CY (ADD D8 TRACTOR)	$29,246			73

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.34	$0.18	**$2.52**	$0.00	$0.00	$0.00	$0.00	$2.74	**$2.74**	**$5.26**
Severe	$2.92	$0.18	**$3.10**	$0.00	$0.00	$0.00	$0.00	$3.85	**$3.85**	**$6.95**
Standby	$1.17	$0.18							**$1.35**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA017	D8-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D8, 15.30 CY (ADD D8 TRACTOR)	$29,187			86

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.33	$0.18	**$2.51**	$0.00	$0.00	$0.00	$0.00	$2.73	**$2.73**	**$5.24**
Severe	$2.92	$0.18	**$3.10**	$0.00	$0.00	$0.00	$0.00	$3.84	**$3.84**	**$6.94**
Standby	$1.17	$0.18							**$1.35**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA020	D8, PA140VS WINCH	TRACTOR ATTACHMENTS, POWER WINCH, (ADD D8 TRACTOR)	$69,876			46

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.59	$0.42	**$6.01**	$0.00	$0.00	$0.00	$0.00	$6.54	**$6.54**	**$12.55**
Severe	$6.99	$0.43	**$7.42**	$0.00	$0.00	$0.00	$0.00	$9.20	**$9.20**	**$16.62**
Standby	$2.80	$0.42							**$3.22**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA021	D9-SU	TRACTOR ATTACHMENTS, BLADE, SEMI-U, LANDFILL, HYDRAULIC, FOR D9, 17.70 CY (ADD D9 TRACTOR)	$51,703			143

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.14	$0.31	**$4.45**	$0.00	$0.00	$0.00	$0.00	$4.84	**$4.84**	**$9.29**
Severe	$5.17	$0.32	**$5.49**	$0.00	$0.00	$0.00	$0.00	$6.81	**$6.81**	**$12.30**
Standby	$2.07	$0.31							**$2.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA022	D9-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D9, 21.40 CY (ADD D9 TRACTOR)	$57,663			137

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.61	$0.35	**$4.96**	$0.00	$0.00	$0.00	$0.00	$5.40	**$5.40**	**$10.36**
Severe	$5.77	$0.36	**$6.13**	$0.00	$0.00	$0.00	$0.00	$7.59	**$7.59**	**$13.72**
Standby	$2.31	$0.35							**$2.66**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA023	D9, PA140VS WINCH	TRACTOR ATTACHMENTS, POWER WINCH, W/CABLE, FOR D9 (ADD D9 TRACTOR)	$120,040			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.60	$0.73	**$10.33**	$0.00	$0.00	$0.00	$0.00	$11.24	**$11.24**	**$21.57**
Severe	$12.00	$0.74	**$12.74**	$0.00	$0.00	$0.00	$0.00	$15.81	**$15.81**	**$28.55**
Standby	$4.80	$0.73							**$5.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T10CA024	D10-SU ABRASION	TRACTOR ATTACHMENTS, BLADE, SEMI-U, HYDRAULIC, FOR D10, 24.20 CY (ADD D10 TRACTOR)	$79,859			357

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.39	$0.48	**$6.87**	$0.00	$0.00	$0.00	$0.00	$7.48	**$7.48**	**$14.35**
Severe	$7.99	$0.49	**$8.48**	$0.00	$0.00	$0.00	$0.00	$10.52	**$10.52**	**$19.00**
Standby	$3.20	$0.48							**$3.68**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA025	D10-U ABRASION	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D10, 28.80 CY (ADD D10 TRACTOR)	$91,470			251

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.32	$0.55	**$7.87**	$0.00	$0.00	$0.00	$0.00	$8.56	**$8.56**	**$16.43**
Severe	$9.15	$0.57	**$9.72**	$0.00	$0.00	$0.00	$0.00	$12.04	**$12.04**	**$21.76**
Standby	$3.66	$0.55							**$4.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA026	D11-SU	TRACTOR ATTACHMENTS, BLADE, SEMI UNIVERSAL, HYDRAULIC, FOR D11, 35.60 CY (ADD D11 TRACTOR)	$111,520			367

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.92	$0.67	**$9.59**	$0.00	$0.00	$0.00	$0.00	$10.44	**$10.44**	**$20.03**
Severe	$11.15	$0.69	**$11.84**	$0.00	$0.00	$0.00	$0.00	$14.68	**$14.68**	**$26.52**
Standby	$4.46	$0.67							**$5.13**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10CA027	D11-U	TRACTOR ATTACHMENTS, BLADE, UNIVERSAL, HYDRAULIC, FOR D11, 45.00 CY (ADD D11 TRACTOR)	$133,250			423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.66	$0.81	**$11.47**	$0.00	$0.00	$0.00	$0.00	$12.48	**$12.48**	**$23.95**
Severe	$13.32	$0.82	**$14.14**	$0.00	$0.00	$0.00	$0.00	$17.55	**$17.55**	**$31.69**
Standby	$5.33	$0.81							**$6.14**	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T10JD001	915 V-RIPPER	TRACTOR ATTACHMENTS, DEEP TILLER, 5x7 V SHAPED, 175" WIDE, 7 SHANKS (ADD 200HP TRACTOR W/PTO)	$19,761			17

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.46	$0.12	**$1.58**	$0.00	$0.25	$0.29	$0.04	$1.74	**$2.33**	**$3.91**
Severe	$1.83	$0.12	**$1.95**	$0.00	$0.25	$0.21	$0.03	$2.44	**$2.93**	**$4.88**
Standby	$0.73	$0.12							**$0.85**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS001	650M	TRACTOR, CRAWLER (DOZER) 74 HP, W/96" WIDE 1.7 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$147,544	D-Off 74 HP		158

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.33	$0.95	**$11.28**	$11.47	$1.79	$0.00	$0.00	$19.00	**$32.26**	**$43.54**
Severe	$12.91	$0.97	**$13.88**	$14.85	$2.32	$0.00	$0.00	$26.98	**$44.15**	**$58.03**
Standby	$5.17	$0.95							**$6.12**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS008	1150M	TRACTOR, CRAWLER (DOZER), 138 HP, 3.75 CY UNIVERSAL BLADE, REAR RIPPER	$311,463	D-Off 138 HP		289

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.80	$2.01	**$23.81**	$21.40	$3.34	$0.00	$0.00	$40.10	**$64.84**	**$88.65**
Severe	$27.25	$2.04	**$29.29**	$27.69	$4.32	$0.00	$0.00	$56.96	**$88.97**	**$118.26**
Standby	$10.90	$2.01							**$12.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS016	750M	TRACTOR, CRAWLER (DOZER), 92 HP, W/ 124" WIDE 2.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$227,442	D-Off 92 HP		201

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.92	$1.47	**$17.39**	$14.26	$2.23	$0.00	$0.00	$29.28	**$45.77**	**$63.16**
Severe	$19.90	$1.49	**$21.39**	$18.46	$2.88	$0.00	$0.00	$41.60	**$62.94**	**$84.33**
Standby	$7.96	$1.47							**$9.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS017	850M	TRACTOR, CRAWLER (DOZER), 112 HP, W/ 124" WIDE 2.62 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$251,133	D-Off 112 HP		220

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.58	$1.62	**$19.20**	$17.36	$2.71	$0.00	$0.00	$32.33	**$52.40**	**$71.60**
Severe	$21.97	$1.65	**$23.62**	$22.47	$3.51	$0.00	$0.00	$45.93	**$71.90**	**$95.52**
Standby	$8.79	$1.62							**$10.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

CASE CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS019	1650M	TRACTOR, CRAWLER (DOZER), 150 HP, W/ 157" WIDE 5.22 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$451,286	D-Off 150 HP		398

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.59	$2.91	**$34.50**	$23.26	$3.63	$0.00	$0.00	$58.10	**$84.99**	**$119.49**
Severe	$39.49	$2.96	**$42.45**	$30.10	$4.70	$0.00	$0.00	$82.53	**$117.33**	**$159.78**
Standby	$15.80	$2.91							**$18.71**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CS020	2050M	TRACTOR, CRAWLER (DOZER), 214 HP, W/ 135" WIDE 7.29 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$588,266	D-Off 214 HP		454

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.18	$3.79	**$44.97**	$33.18	$5.18	$0.00	$0.00	$75.74	**$114.10**	**$159.07**
Severe	$51.47	$3.86	**$55.33**	$42.94	$6.70	$0.00	$0.00	$107.58	**$157.22**	**$212.55**
Standby	$20.59	$3.79							**$24.38**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA002	D3K2 LGP	TRACTOR, CRAWLER (DOZER), 80 HP, LOW GROUND PRESSURE, W/2.17 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$126,805	D-Off 80 HP		184

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.88	$0.82	**$9.70**	$12.40	$1.94	$0.00	$0.00	$16.33	**$30.66**	**$40.36**
Severe	$11.10	$0.83	**$11.93**	$16.05	$2.50	$0.00	$0.00	$23.19	**$41.75**	**$53.68**
Standby	$4.44	$0.82							**$5.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA005	D4K2 LGP	TRACTOR, CRAWLER (DOZER), 92 HP, LOW GROUND PRESSURE, W/2.42 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$156,096	D-Off 92 HP		187

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.93	$1.01	**$11.94**	$14.26	$2.23	$0.00	$0.00	$20.10	**$36.58**	**$48.52**
Severe	$13.66	$1.02	**$14.68**	$18.46	$2.88	$0.00	$0.00	$28.55	**$49.89**	**$64.57**
Standby	$5.47	$1.01							**$6.48**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA008	D6N XL	TRACTOR, CRAWLER (DOZER), 182 HP, W/4.30 CY SEMI-U BLADE (ADD ATTACHMENTS)	$346,880	D-Off 182 HP		369

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$24.28	$2.24	**$26.52**	$28.22	$4.40	$0.00	$0.00	$44.66	**$77.28**	**$103.80**
Severe	$30.35	$2.28	**$32.63**	$36.52	$5.70	$0.00	$0.00	$63.44	**$105.66**	**$138.29**
Standby	$12.14	$2.24							**$14.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA009	D6T XW	TRACTOR, CRAWLER (DOZER), 258 HP, W/6.57 CY VARIABLE PITCH ADJUSTABLE TILT BLADE	$522,517	D-Off 258 HP		459

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$36.58	$3.37	**$39.95**	$40.00	$6.24	$0.00	$0.00	$67.27	**$113.52**	**$153.47**
Severe	$45.72	$3.43	**$49.15**	$51.77	$8.08	$0.00	$0.00	$95.56	**$155.41**	**$204.56**
Standby	$18.29	$3.37							**$21.66**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type 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)	$545,870	D-Off 258 HP		485

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.21	$3.52	**$41.73**	$40.00	$6.24	$0.00	$0.00	$70.28	**$116.52**	**$158.25**
Severe	$47.76	$3.58	**$51.34**	$51.77	$8.08	$0.00	$0.00	$99.83	**$159.68**	**$211.02**
Standby	$19.11	$3.52							**$22.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA020	D4K2 XL	TRACTOR, CRAWLER (DOZER), 92 HP, W/2.59 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$148,330	D-Off 92 HP		180

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.38	$0.96	**$11.34**	$14.26	$2.23	$0.00	$0.00	$19.10	**$35.58**	**$46.92**
Severe	$12.98	$0.97	**$13.95**	$18.46	$2.88	$0.00	$0.00	$27.13	**$48.47**	**$62.42**
Standby	$5.19	$0.96							**$6.15**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA022	D5K2 LGP	TRACTOR, CRAWLER (DOZER), 104 HP, LOW GROUND PRESSURE, W/3.06 CY POWER ANGLE BLADE (ADD ATTACHMENTS)	$247,303	D-Off 104 HP		210

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.31	$1.59	**$18.90**	$16.12	$2.52	$0.00	$0.00	$31.84	**$50.48**	**$69.38**
Severe	$21.64	$1.62	**$23.26**	$20.87	$3.26	$0.00	$0.00	$45.23	**$69.35**	**$92.61**
Standby	$8.66	$1.59							**$10.25**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA023	D6T XL	TRACTOR, CRAWLER (DOZER), 258 HP, W/7.26 CY SEMI-U BLADE (ADD ATTACHMENTS)	$472,924	D-Off 258 HP		391

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$33.10	$3.05	**$36.15**	$40.00	$6.24	$0.00	$0.00	$60.89	**$107.13**	**$143.28**
Severe	$41.38	$3.10	**$44.48**	$51.77	$8.08	$0.00	$0.00	$86.49	**$146.34**	**$190.82**
Standby	$16.55	$3.05							**$19.60**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA024	D5K2 XL	TRACTOR, CRAWLER (DOZER), 104 HP, W/2.86 CY ACCUGRADE BLADE (ADD ATTACHMENTS)	$237,900	D-Off 104 HP		203

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$16.65	$1.53	**$18.18**	$16.12	$2.52	$0.00	$0.00	$30.63	**$49.27**	**$67.45**
Severe	$20.82	$1.56	**$22.38**	$20.87	$3.26	$0.00	$0.00	$43.51	**$67.63**	**$90.01**
Standby	$8.33	$1.53							**$9.86**	

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15JD006	450K	TRACTOR, CRAWLER (DOZER), 80 HP, W/2.15 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$131,330	D-Off 80 HP		175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.19	$0.85	**$10.04**	$12.40	$1.94	$0.00	$0.00	$16.91	**$31.24**	**$41.28**
Severe	$11.49	$0.86	**$12.35**	$16.05	$2.50	$0.00	$0.00	$24.02	**$42.57**	**$54.92**
Standby	$4.60	$0.85							**$5.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15JD007	650K	TRACTOR, CRAWLER (DOZER), 101 HP, HYDROSTATIC, W/2.60 CY POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)	$205,085	D-Off 101 HP		185

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.36	$1.32	**$15.68**	$15.66	$2.44	$0.00	$0.00	$26.40	**$44.51**	**$60.19**
Severe	$17.94	$1.35	**$19.29**	$20.26	$3.16	$0.00	$0.00	$37.51	**$60.93**	**$80.22**
Standby	$7.18	$1.32							**$8.50**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$308,641	D-Off 165 HP		365

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.60	$1.99	**$23.59**	$25.58	$3.99	$0.00	$0.00	$39.74	**$69.31**	**$92.90**
Severe	$27.01	$2.03	**$29.04**	$33.11	$5.17	$0.00	$0.00	$56.45	**$94.72**	**$123.76**
Standby	$10.80	$1.99							**$12.79**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.01 0 THRU 225 HP

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15JD010	850K	TRACTOR, CRAWLER (DOZER), 187 HP, HYDROSTATIC, W/7.44 CY SEMI-U POWER ANGLE TILT (PAT) BLADE (ADD ATTACHMENTS)	$457,261	D-Off 187 HP		404

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$32.01	$2.95	**$34.96**	$28.99	$4.52	$0.00	$0.00	$58.87	**$92.39**	**$127.35**
Severe	$40.01	$3.00	**$43.01**	$37.52	$5.86	$0.00	$0.00	$83.62	**$127.00**	**$170.01**
Standby	$16.01	$2.95							**$18.96**	

T15 0.02 226 HP THRU 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA012	D7E	TRACTOR, CRAWLER (DOZER), 270 HP, W/8.98 CY SEMI-U BLADE (ADD ATTACHMENTS)	$697,696	D-Off 270 HP		484

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$45.50	$4.32	**$49.82**	$41.86	$5.08	$0.00	$0.00	$85.21	**$132.15**	**$181.97**
Severe	$49.84	$4.34	**$54.18**	$54.17	$6.58	$0.00	$0.00	$97.22	**$157.96**	**$212.14**
Standby	$22.75	$4.32							**$27.07**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA014	D7E LGP	TRACTOR, CRAWLER (DOZER), 270 HP, LOW GROUND PRESSURE, W/7.70 CY STRAIGHT BLADE (ADD ATTACHMENTS)	$740,915	D-Off 270 HP		537

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$48.32	$4.58	**$52.90**	$41.86	$5.08	$0.00	$0.00	$90.49	**$137.43**	**$190.33**
Severe	$52.92	$4.61	**$57.53**	$54.17	$6.58	$0.00	$0.00	$103.24	**$163.98**	**$221.51**
Standby	$24.16	$4.58							**$28.74**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA016	D8T	TRACTOR, CRAWLER (DOZER), 364 HP, W/11.3 CY SEMI-U BLADE (ADD ATTACHMENTS)	$882,321	D-Off 364 HP		672

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$57.54	$5.46	**$63.00**	$56.43	$6.85	$0.00	$0.00	$107.76	**$171.04**	**$234.04**
Severe	$63.02	$5.49	**$68.51**	$73.03	$8.86	$0.00	$0.00	$122.94	**$204.84**	**$273.35**
Standby	$28.77	$5.46							**$34.23**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA017	D9T	TRACTOR, CRAWLER (DOZER), 448 HP, W/17.7 CY SEMI-U BLADE (ADD ATTACHMENTS)	$1,230,156	D-Off 469 HP		801

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$80.23	$7.61	**$87.84**	$72.71	$8.83	$0.00	$0.00	$150.24	**$231.78**	**$319.62**
Severe	$87.87	$7.66	**$95.53**	$94.10	$11.42	$0.00	$0.00	$171.41	**$276.93**	**$372.46**
Standby	$40.12	$7.61							**$47.73**	

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15KM008	D155AX-8	TRACTOR, CRAWLER (DOZER), 354 HP, POWERSHIFT, W/15.6 CY FULL-U BLADE	$880,152	D-Off 354 HP		893

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$57.40	$5.45	**$62.85**	$54.88	$6.66	$0.00	$0.00	$107.50	**$169.04**	**$231.89**
Severe	$62.87	$5.48	**$68.35**	$71.03	$8.62	$0.00	$0.00	$122.64	**$202.29**	**$270.64**
Standby	$28.70	$5.45							**$34.15**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T15 TRACTORS, CRAWLER (DOZER) (includes blade)

T15 0.03 OVER 425 HP

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA018	D10T2	TRACTOR, CRAWLER (DOZER), 646 HP, POWERSHIFT, W/24.2 CY SEMI-U BLADE (ADD ATTACHMENTS)	$1,487,865	D-Off 646 HP		1064

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$79.35	$8.75	**$88.10**	$85.43	$5.75	$0.00	$0.00	$139.32	**$230.50**	**$318.60**
Severe	$95.22	$8.85	**$104.07**	$108.99	$7.34	$0.00	$0.00	$188.08	**$304.41**	**$408.48**
Standby	$39.68	$8.75							**$48.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T15CA019	D11T	TRACTOR, CRAWLER (DOZER), 913 HP, POWERSHIFT, W/35.6 CY SEMI-U BLADE (ADD ATTACHMENTS)	$2,593,419	D-Off 913 HP		2298

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$138.32	$15.25	**$153.57**	$120.74	$8.13	$0.00	$0.00	$242.84	**$371.71**	**$525.28**
Severe	$165.98	$15.42	**$181.40**	$154.04	$10.37	$0.00	$0.00	$327.83	**$492.24**	**$673.64**
Standby	$69.16	$15.25							**$84.41**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T20 TRACTORS, WHEEL TYPE (DOZER)

T20 0.00 TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T20CA001	814K	TRACTOR, WHEEL (DOZER), 240 HP, ARTICULATING, 4X4, W/3.77 CY STRAIGHT BLADE	$648,059	D-Off 232 HP		479

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.88	$3.69	**$41.57**	$30.68	$3.72	$9.91	$1.52	$32.19	**$78.02**	**$119.59**
Severe	$40.80	$3.71	**$44.51**	$39.14	$4.75	$31.71	$4.85	$37.56	**$118.01**	**$162.52**
Standby	$18.94	$3.69							**$22.63**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T20CA002	824K	TRACTOR, WHEEL (DOZER), 434 HP, ARTICULATING, 4X4, W/6.60 CY STRAIGHT BLADE	$923,377	D-Off 434 HP		750

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.27	$5.26	**$58.53**	$57.39	$6.97	$18.89	$2.89	$45.36	**$131.49**	**$190.02**
Severe	$57.37	$5.29	**$62.66**	$73.22	$8.89	$60.43	$9.25	$52.92	**$204.71**	**$267.37**
Standby	$26.64	$5.26							**$31.90**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T20 TRACTORS, WHEEL TYPE (DOZER)

T20 0.00 TRACTORS, WHEEL TYPE (DOZER)

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T20CA003	834K	TRACTOR, WHEEL (DOZER), 562 HP, ARTICULATING, 4X4, W/10.33 CY STRAIGHT BLADE	$1,398,340	D-Off 562 HP		1053

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$80.27	$7.96	**$88.23**	$74.32	$9.02	$31.31	$4.79	$68.41	**$187.85**	**$276.08**
Severe	$86.45	$8.01	**$94.46**	$94.82	$11.51	$100.21	$15.33	$79.81	**$301.67**	**$396.13**
Standby	$40.14	$7.96							**$48.10**	

T25 TRACTORS, AGRICULTURAL

T25 0.10 CRAWLER

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD001	8320RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 320 HP, 3 POINT HITCH	$345,814	D-Off 320 HP		339

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$29.39	$2.02	**$31.41**	$45.24	$5.49	$0.00	$0.00	$35.18	**$85.91**	**$117.32**
Standby	$14.70	$2.02							**$16.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.10 CRAWLER

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD002	8345RT	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 345 HP, 3 POINT HITCH	$370,408	D-Off 345 HP		339

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$31.48	$2.17	**$33.65**	$48.77	$5.92	$0.00	$0.00	$37.68	**$92.37**	**$126.02**
Standby	$15.74	$2.17							**$17.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD003	8400R	TRACTOR, AGRICULTURAL, CRAWLER-RUBBER TRACK, 400 HP, 3 POINT HITCH	$404,057	D-Off 400 HP		366

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.34	$2.37	**$36.71**	$56.54	$6.86	$0.00	$0.00	$41.11	**$104.51**	**$141.22**
Standby	$17.17	$2.37							**$19.54**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD021	6145M	TRACTOR, AGRICULTURAL, WHEEL, 145 HP, 4X4, PTO, 3 POINT HITCH	$110,690	D-Off 161 HP		137

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.55	$0.66	**$11.21**	$22.76	$2.76	$2.88	$0.44	$10.58	**$39.42**	**$50.63**
Standby	$5.28	$0.66							**$5.94**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD022	6175R	TRACTOR, AGRICULTURAL, WHEEL, 190HP, 4X4, PTO, 3 POINT HITCH	$170,127	D-Off 190 HP		191

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.16	$1.02	**$18.18**	$26.86	$3.26	$2.11	$0.32	$17.05	**$49.60**	**$67.78**
Standby	$8.58	$1.02							**$9.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD023	8245R	TRACTOR, AGRICULTURAL, WHEEL, 245 HP, 4X4, PTO, 3 POINT HITCH	$259,391	D-Off 245 HP		280

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$26.60	$1.55	**$28.15**	$34.63	$4.20	$2.23	$0.34	$26.36	**$67.77**	**$95.92**
Standby	$13.30	$1.55							**$14.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD024	8270R	TRACTOR, AGRICULTURAL, WHEEL, 270 HP, 4X4, PTO, 3 POINT HITCH	$276,637	D-Off 270 HP		315

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.39	$1.66	**$30.05**	$38.17	$4.63	$2.34	$0.36	$28.13	**$73.64**	**$103.69**
Standby	$14.20	$1.66							**$15.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD025	9370R	TRACTOR, AGRICULTURAL, WHEEL, 370 HP, 4X4, PTO, 3 POINT HITCH	$279,353	D-Off 370 HP		400

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.46	$1.67	**$27.13**	$52.30	$6.35	$11.21	$1.72	$25.72	**$97.29**	**$124.42**
Standby	$12.73	$1.67							**$14.40**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD026	9470R	TRACTOR, AGRICULTURAL, WHEEL, 470 HP, 4X4, PTO, 3 POINT HITCH	$363,822	D-Off 470 HP		423

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$34.43	$2.18	**$36.61**	$66.44	$8.06	$11.21	$1.72	$34.56	**$121.99**	**$158.60**
Standby	$17.22	$2.18							**$19.40**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD027	5045E	TRACTOR, AGRICULTURAL, WHEEL, 50 HP, 4X2, PTO, 3 POINT HITCH	$20,678	D-Off 50 HP		56

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.70	$0.12	**$1.82**	$7.07	$0.86	$1.27	$0.20	$1.75	**$11.15**	**$12.97**
Standby	$0.85	$0.12							**$0.97**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD028	5055E	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH	$23,054	D-Off 55 HP		39

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.09	$0.14	**$1.23**	$7.77	$0.94	$3.85	$0.59	$1.28	**$14.43**	**$15.66**
Standby	$0.55	$0.14							**$0.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T25JD029	5055E W/MX5 MOWER	TRACTOR, AGRICULTURAL, WHEEL, 55 HP, 4X2, PTO, 3 POINT HITCH, WITH 60" HEAVY DUTY ROTARY MOWER	$54,197	D-Off 55 HP		51

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.40	$0.32	**$4.72**	$7.77	$0.94	$3.85	$0.59	$4.54	**$17.69**	**$22.41**
Standby	$2.20	$0.32							**$2.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T25 TRACTORS, AGRICULTURAL

T25 0.20 WHEEL

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
T25JD030	5065E	TRACTOR, AGRICULTURAL, WHEEL, 65 HP, 4X2, PTO, 3 POINT HITCH	$25,251	D-Off	65 HP		27

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.36	$0.15	**$2.51**	$9.19	$1.12	$0.81	$0.12	$2.37	**$13.61**	**$16.12**
Standby	$1.18	$0.15							**$1.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main		Carrier	CWT
T25JD032	5101R	TRACTOR, AGRICULTURAL, WHEEL, 100 HP, 4X2, PTO, 3 POINT HITCH	$52,787	D-Off	100 HP		98

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.99	$0.32	**$5.31**	$14.14	$1.72	$1.59	$0.24	$5.01	**$22.70**	**$28.01**
Standby	$2.50	$0.32							**$2.82**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW001	RT125 QUAD	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" MAX WIDTH, RIDE-ON, 4-CRAWLERS	$232,991	D-Off 121 HP		153

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$23.30	$1.44	**$24.74**	$17.10	$2.08	$0.00	$0.00	$31.37	**$50.55**	**$75.29**
Severe	$31.07	$1.49	**$32.56**	$22.62	$2.75	$0.00	$0.00	$46.48	**$71.85**	**$104.41**
Standby	$11.65	$1.44							**$13.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW019	C12	TRENCHER, CHAIN TYPE CUTTER, 24" MAX DEPTH X 3.5" - 6" WIDTH, WALK BEHIND, WHEELED	$12,771	Gas 12 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.26	$0.08	**$1.34**	$2.92	$0.35	$0.03	$0.00	$1.70	**$5.01**	**$6.35**
Severe	$1.68	$0.08	**$1.76**	$3.82	$0.46	$0.09	$0.01	$2.52	**$6.91**	**$8.67**
Standby	$0.63	$0.08							**$0.71**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW020	C16	TRENCHER, CHAIN TYPE CUTTER, 30" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, WHEELED	$12,771	Gas 16 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.26	$0.08	**$1.34**	$3.90	$0.47	$0.03	$0.00	$1.70	**$6.11**	**$7.45**
Severe	$1.68	$0.08	**$1.76**	$5.09	$0.62	$0.09	$0.01	$2.52	**$8.34**	**$10.10**
Standby	$0.63	$0.08							**$0.71**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW021	C16X	TRENCHER, CHAIN TYPE CUTTER, 36" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER	$13,376	Gas 16 HP		19

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.34	$0.08	**$1.42**	$3.90	$0.47	$0.00	$0.00	$1.80	**$6.17**	**$7.59**
Severe	$1.78	$0.09	**$1.87**	$5.09	$0.62	$0.00	$0.00	$2.67	**$8.38**	**$10.25**
Standby	$0.67	$0.08							**$0.75**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW022	C30X	TRENCHER, CHAIN TYPE CUTTER, 48" MAX DEPTH X 3.5"-6" WIDTH, WALK BEHIND, CRAWLER	$16,891	Gas 31 HP		21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.69	$0.10	**$1.79**	$7.55	$0.92	$0.00	$0.00	$2.27	**$10.74**	**$12.53**
Severe	$2.25	$0.11	**$2.36**	$9.86	$1.20	$0.00	$0.00	$3.37	**$14.43**	**$16.79**
Standby	$0.85	$0.10							**$0.95**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW023	RT100	TRENCHER, CHAIN TYPE CUTTER, 94" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4	$126,025	D-Off 100 HP		89

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.69	$0.78	**$11.47**	$14.14	$1.72	$4.00	$0.61	$14.91	**$35.38**	**$46.85**
Severe	$14.25	$0.81	**$15.06**	$18.70	$2.27	$11.84	$1.81	$22.09	**$56.71**	**$71.77**
Standby	$5.35	$0.78							**$6.13**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW024	RT30	TRENCHER, CHAIN TYPE CUTTER, 42" MAX DEPTH X 4"-8" WIDTH, RIDE-ON, WHEELED, 4X4	$34,466	D-Off 24.8 HP		31

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.39	$0.21	**$3.60**	$3.51	$0.43	$0.12	$0.02	$4.58	**$8.65**	**$12.25**
Severe	$4.52	$0.22	**$4.74**	$4.64	$0.56	$0.33	$0.05	$6.78	**$12.37**	**$17.11**
Standby	$1.70	$0.21							**$1.91**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW025	RT45	TRENCHER, CHAIN TYPE CUTTER, 63" MAX DEPTH X 6"-12" WIDTH, RIDE-ON, 4X4	$94,653	D-Off 48.8 HP		54

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$9.37	$0.59	**$9.96**	$6.90	$0.84	$0.19	$0.03	$12.65	**$20.60**	**$30.56**
Severe	$12.50	$0.61	**$13.11**	$9.12	$1.11	$0.56	$0.09	$18.74	**$29.61**	**$42.72**
Standby	$4.69	$0.59							**$5.28**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30DW026	RT80	TRENCHER, CHAIN TYPE CUTTER, 93" MAX DEPTH X 24" WIDTH, RIDE-ON, 4X4	$149,657	D-Off 74 HP		118

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.43	$0.93	**$15.36**	$10.46	$1.27	$1.11	$0.17	$19.58	**$32.59**	**$47.95**
Severe	$19.25	$0.96	**$20.21**	$13.84	$1.68	$3.29	$0.50	$29.01	**$48.32**	**$68.53**
Standby	$7.22	$0.93							**$8.15**	

TESMEC USA, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM007	775	TRENCHER, CHAIN TYPE CUTTER, 4' DEEP X 12" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET	$755,353	D-Off 225 HP		381

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$75.54	$4.67	**$80.21**	$31.81	$3.86	$0.00	$0.00	$101.71	**$137.39**	**$217.60**
Severe	$100.71	$4.83	**$105.54**	$42.07	$5.11	$0.00	$0.00	$150.69	**$197.87**	**$303.41**
Standby	$37.77	$4.67							**$42.44**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM008	775	TRENCHER, CHAIN TYPE CUTTER, 6' DEEP X 18" WIDE, CRAWLER (W/CRUMBSHOE) SELF LEVEL, OFFSET	$776,008	D-Off 225 HP		381

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$77.60	$4.80	**$82.40**	$31.81	$3.86	$0.00	$0.00	$104.50	**$140.17**	**$222.57**
Severe	$103.47	$4.96	**$108.43**	$42.07	$5.11	$0.00	$0.00	$154.81	**$201.99**	**$310.42**
Standby	$38.80	$4.80							**$43.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM012	1150	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)	$883,651	D-Off 440 HP		1120

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$88.37	$5.46	**$93.83**	$62.20	$7.55	$0.00	$0.00	$118.99	**$188.74**	**$282.57**
Severe	$117.82	$5.65	**$123.47**	$82.26	$9.98	$0.00	$0.00	$176.28	**$268.53**	**$392.00**
Standby	$44.19	$5.46							**$49.65**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM013	1475	TRENCHER, CHAIN TYPE CUTTER, 14' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)	$1,663,098	D-Off 630 HP		2061

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$166.31	$10.28	**$176.59**	$89.06	$10.81	$0.00	$0.00	$223.95	**$323.82**	**$500.41**
Severe	$221.75	$10.64	**$232.39**	$117.78	$14.30	$0.00	$0.00	$331.78	**$463.86**	**$696.25**
Standby	$83.16	$10.28							**$93.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM014	1475	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 26" WIDE, CRAWLER (W/CRUMBSHOE)	$1,611,462	D-Off 630 HP		2061

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$161.15	$9.96	**$171.11**	$89.06	$10.81	$0.00	$0.00	$217.00	**$316.87**	**$487.98**
Severe	$214.86	$10.31	**$225.17**	$117.78	$14.30	$0.00	$0.00	$321.48	**$453.55**	**$678.72**
Standby	$80.58	$9.96							**$90.54**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

TESMEC USA, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30TM015	1475	TRENCHER, CHAIN TYPE CUTTER, 16' DEEP X 42" WIDE, CRAWLER (W/CRUMBSHOE)	$1,714,733	D-Off 630 HP		2061

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$171.47	$10.60	**$182.07**	$89.06	$10.81	$0.00	$0.00	$230.90	**$330.77**	**$512.84**
Severe	$228.63	$10.97	**$239.60**	$117.78	$14.30	$0.00	$0.00	$342.08	**$474.16**	**$713.76**
Standby	$85.74	$10.60							**$96.34**	

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30VE008	T 555 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC	$477,997	D-Off 185 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$47.80	$2.95	**$50.75**	$26.15	$3.17	$0.00	$0.00	$64.37	**$93.69**	**$144.44**
Severe	$63.73	$3.06	**$66.79**	$34.59	$4.20	$0.00	$0.00	$95.36	**$134.15**	**$200.94**
Standby	$23.90	$2.95							**$26.85**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T30 TRENCHERS, CHAIN TYPE CUTTER

T30 0.00 TRENCHERS, CHAIN TYPE CUTTER

VERMEER MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30VE009	T 655 III	TRENCHER, CHAIN TYPE CUTTER, 8' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC	$721,556	D-Off 250 HP		500

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.16	$4.46	**$76.62**	$35.34	$4.29	$0.00	$0.00	$97.16	**$136.79**	**$213.41**
Severe	$96.21	$4.62	**$100.83**	$46.74	$5.67	$0.00	$0.00	$143.95	**$196.36**	**$297.19**
Standby	$36.08	$4.46							**$40.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T30VE010	T 755 III	TRENCHER, CHAIN TYPE CUTTER, 10' DEEP X 18" WIDE, CRAWLER, HYDROSTATIC	$647,652	D-Off 275 HP		660

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$64.77	$4.00	**$68.77**	$38.87	$4.72	$0.00	$0.00	$87.21	**$130.80**	**$199.57**
Severe	$86.35	$4.14	**$90.49**	$51.41	$6.24	$0.00	$0.00	$129.20	**$186.85**	**$277.34**
Standby	$32.39	$4.00							**$36.39**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T35PZ001	2620	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-32" WIDE, ROUND BUCKET, WHEELED	$528,236	D-Off 380 HP		500

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$50.95	$3.27	**$54.22**	$53.72	$6.52	$3.25	$0.50	$69.11	**$133.10**	**$187.32**
Severe	$67.93	$3.38	**$71.31**	$71.04	$8.62	$9.12	$1.40	$102.39	**$192.57**	**$263.88**
Standby	$25.48	$3.27							**$28.75**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T35PZ002	2720	TRENCHER, WHEEL TYPE CUTTER, 87" DEEP X 18"-35" WIDE, ROUND BUCKET, WHEELED	$597,135	D-Off 430 HP		550

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$57.84	$3.69	**$61.53**	$60.78	$7.38	$3.25	$0.50	$78.39	**$150.30**	**$211.83**
Severe	$77.12	$3.82	**$80.94**	$80.39	$9.76	$9.12	$1.40	$116.13	**$216.80**	**$297.74**
Standby	$28.92	$3.69							**$32.61**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T35 TRENCHERS, WHEEL TYPE CUTTER

T35 0.00 TRENCHERS, WHEEL TYPE CUTTER

PORT INDUSTRIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T35PZ004	2820	TRENCHER, CRAWLER TYPE CUTTER, 108" DEEP X 26"-48" WIDE, ROUND BUCKET, CRAWLER	$716,227	D-Off 425 HP		820

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.62	$4.43	**$76.05**	$60.08	$7.29	$0.00	$0.00	$96.45	**$163.82**	**$239.87**
Severe	$95.50	$4.58	**$100.08**	$79.46	$9.64	$0.00	$0.00	$142.88	**$231.99**	**$332.07**
Standby	$35.81	$4.43							**$40.24**	

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

ALIVA LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T40AV001	808N	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 3.25 TON, 29' BOOM (ADD 21,000 GVW TRUCK & FLATBED)	$41,286			24

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.13	$0.26	**$4.39**	$0.00	$0.25	$0.00	$0.00	$4.84	**$5.09**	**$9.48**
Standby	$2.07	$0.26							**$2.33**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

ALIVA LTD.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40AV002	815	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 5.6 TON, 33' BOOM (ADD 32,500 GVW TRUCK & FLATBED)	$50,740			32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.07	$0.31	**$5.38**	$0.00	$0.25	$0.00	$0.00	$5.95	**$6.20**	**$11.58**
Standby	$2.54	$0.31							**$2.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40AV003	820	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 9.4 TON, 33' BOOM (ADD 45,000 GVW TRUCK & FLATBED)	$62,742			32

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.27	$0.39	**$6.66**	$0.00	$0.25	$0.00	$0.00	$7.36	**$7.61**	**$14.27**
Standby	$3.14	$0.39							**$3.53**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

PALFINGER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA001	PC 2700	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 2.4 TON, 21' BOOM (ADD 25,000 GVW TRUCK & FLATBED)	$9,050			9

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.90	$0.06	**$0.96**	$0.00	$0.35	$0.00	$0.00	$1.06	**$1.41**	**$2.37**
Standby	$0.45	$0.06							**$0.51**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA002	PK 14002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 6.2 TON, 62' BOOM (ADD 28,000 GVW TRUCK & FLATBED)	$47,313			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.73	$0.29	**$5.02**	$0.00	$0.35	$0.00	$0.00	$5.55	**$5.90**	**$10.92**
Standby	$2.37	$0.29							**$2.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA004	PK 30002	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 10 TON, 69' BOOM (ADD 52,000 GVW TRUCK & FLATBED)	$63,274			64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.33	$0.39	**$6.72**	$0.00	$0.40	$0.00	$0.00	$7.42	**$7.82**	**$14.54**
Standby	$3.17	$0.39							**$3.56**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.10 CRANES / HOISTS, PERSONNEL & MATERIAL HANDLING

PALFINGER INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA005	PK 50002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 12.5 TON, 82' BOOM (ADD 60,000 GVW TRUCK & FLATBED)	$106,808			107

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.68	$0.66	**$11.34**	$0.00	$0.50	$0.00	$0.00	$12.52	**$13.02**	**$24.36**
Standby	$5.34	$0.66							**$6.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA006	PK 65002-SH	TRUCK OPTIONS, CRANE, HYDRAULIC, 2-ARM ARTICULATING, 22 TON, 82' BOOM (ADD 62,000 GVW TRUCK & FLATBED)	$133,372			126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.34	$0.82	**$14.16**	$0.00	$0.50	$0.00	$0.00	$15.64	**$16.14**	**$30.30**
Standby	$6.67	$0.82							**$7.49**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40PA007	PK 22002-EH	TRUCK OPTIONS, CRANE, HYDRAULIC, 3-ARM ARTICULATING, 8.3 TON, 70' BOOM (ADD 30,000 GVW TRUCK & FLATBED)	$59,768			53

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.98	$0.37	**$6.35**	$0.00	$0.50	$0.00	$0.00	$7.01	**$7.51**	**$13.86**
Standby	$2.99	$0.37							**$3.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.20 DUMP BODY, REAR

OX BODIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40OX001	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 10.0 CY, AIR GATE (W/HOIST) (ADD 35,000 GVW TRUCK)	$14,571			33

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.64	$0.08	**$1.72**	$0.00	$0.00	$0.00	$0.00	$1.49	**$1.49**	**$3.21**
Severe	$2.02	$0.09	**$2.11**	$0.00	$0.00	$0.00	$0.00	$2.10	**$2.10**	**$4.21**
Standby	$0.82	$0.08							**$0.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40OX002	MAVERICK	TRUCK OPTIONS, DUMP BODY, REAR, 8 CY, AIR GATE (W/HOIST) (ADD 30,000 GVW TRUCK)	$12,387			21

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.39	$0.07	**$1.46**	$0.00	$0.00	$0.00	$0.00	$1.27	**$1.27**	**$2.73**
Severe	$1.72	$0.07	**$1.79**	$0.00	$0.00	$0.00	$0.00	$1.79	**$1.79**	**$3.58**
Standby	$0.70	$0.07							**$0.77**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.20 DUMP BODY, REAR

OX BODIES

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40OX003	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 16 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)	$21,267			35

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.39	$0.12	**$2.51**	$0.00	$0.00	$0.00	$0.00	$2.18	**$2.18**	**$4.69**
Severe	$2.94	$0.13	**$3.07**	$0.00	$0.00	$0.00	$0.00	$3.07	**$3.07**	**$6.14**
Standby	$1.20	$0.12							**$1.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40OX006	STAMPEDE	TRUCK OPTIONS, DUMP BODY, REAR, 20.0 CY, AIR GATE (W/HOIST) (ADD 50,000 GVW TRUCK)	$24,510			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.76	$0.14	**$2.90**	$0.00	$0.00	$0.00	$0.00	$2.51	**$2.51**	**$5.41**
Severe	$3.39	$0.15	**$3.54**	$0.00	$0.00	$0.00	$0.00	$3.54	**$3.54**	**$7.08**
Standby	$1.38	$0.14							**$1.52**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF011	PVMXT-83C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 8'	$6,358			11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.64	$0.04	**$0.68**	$0.00	$0.00	$0.00	$0.00	$0.56	**$0.56**	**$1.24**
Standby	$0.32	$0.04							**$0.36**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF013	PVMXT-103C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 10'	$6,774			14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.68	$0.04	**$0.72**	$0.00	$0.00	$0.00	$0.00	$0.60	**$0.60**	**$1.32**
Standby	$0.34	$0.04							**$0.38**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF014	PVMXT-123C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 12'	$7,644			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.76	$0.05	**$0.81**	$0.00	$0.00	$0.00	$0.00	$0.67	**$0.67**	**$1.48**
Standby	$0.38	$0.05							**$0.43**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF016	PVMXT-163C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 16'	$9,513			16

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.95	$0.06	**$1.01**	$0.00	$0.00	$0.00	$0.00	$0.84	**$0.84**	**$1.85**
Standby	$0.48	$0.06							**$0.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF018	PVMXT-203C	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 20'	$11,472			18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.15	$0.07	**$1.22**	$0.00	$0.00	$0.00	$0.00	$1.01	**$1.01**	**$2.23**
Standby	$0.58	$0.07							**$0.65**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF020	PVMXT-243	TRUCK OPTIONS, FLATBED, W/40" SIDE RACKS, 8' X 24'	$13,407			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.34	$0.08	**$1.42**	$0.00	$0.00	$0.00	$0.00	$1.18	**$1.18**	**$2.60**
Standby	$0.67	$0.08							**$0.75**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF021	KH-1416L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 10' TO 14', 7-16 TON	$4,451			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.45	$0.03	**$0.48**	$0.00	$0.10	$0.00	$0.00	$0.46	**$0.56**	**$1.04**
Standby	$0.23	$0.03							**$0.26**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF022	KH-2538L	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, PTO, 20' TO 24', 20-45 TON	$9,302			15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.93	$0.06	**$0.99**	$0.00	$0.10	$0.00	$0.00	$0.95	**$1.05**	**$2.04**
Standby	$0.47	$0.06							**$0.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF023	KH-1416-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 10' TO 14', 7-16 TON	$3,932			6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.39	$0.02	**$0.41**	$0.00	$0.05	$0.00	$0.00	$0.40	**$0.45**	**$0.86**
Standby	$0.20	$0.02							**$0.22**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.41 HOIST, ELECTRIC DRIVE

KNAPHEIDE MANUFACTURING CO.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40KF024	KH-1627L-EE	TRUCK OPTIONS, HOIST, ELECTRIC DRIVE, 15' TO 20', 14-37 TON	$4,016			10

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.40	$0.02	**$0.42**	$0.00	$0.05	$0.00	$0.00	$0.41	**$0.46**	**$0.88**
Standby	$0.20	$0.02							**$0.22**	

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T40XX036	10CY MIXER	TRANSIT MIXER, 10 CY, HYDROSTATIC, (INCLUDES 66,000 GVW TRUCK)	$160,059	D-On 410 HP		274

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.71	$0.96	**$16.67**	$69.27	$9.61	$3.54	$0.54	$15.36	**$98.31**	**$114.98**
Standby	$7.86	$0.96							**$8.82**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T40 TRUCK OPTIONS

T40 0.50 TRANSIT MIXERS

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T40XX037	11CY MIXER	TRANSIT MIXER, 11 CY, HYDROSTATIC, (INCLUDES 70,000 GVW TRUCK)	$140,700	D-On 410 HP		285

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$13.65	$0.84	**$14.49**	$69.27	$9.61	$3.54	$0.54	$13.37	**$96.33**	**$110.82**
Standby	$6.83	$0.84							**$7.67**	

T40 0.70 ALL OTHER OPTIONS

ARROW-MASTER, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$153,239	D-Off 74 HP		96

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$15.23	$0.95	**$16.18**	$10.46	$1.45	$0.27	$0.04	$15.64	**$27.87**	**$44.05**
Standby	$7.62	$0.95							**$8.57**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX001	22CY	TRUCK TRAILER, BOTTOM DUMP, 22CY, 27 TON (ADD TOWING TRUCK)	$34,454			122

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.55	$0.19	**$2.74**	$0.00	$0.40	$1.40	$0.21	$2.38	**$4.39**	**$7.13**
Severe	$3.19	$0.20	**$3.39**	$0.00	$0.40	$4.45	$0.68	$3.39	**$8.92**	**$12.31**
Standby	$1.28	$0.19							**$1.47**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX003	26CY	TRUCK TRAILER, BOTTOM DUMP, 26CY, 30 TON (ADD TOWING TRUCK)	$41,453			136

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.97	$0.23	**$3.20**	$0.00	$0.40	$1.93	$0.30	$2.78	**$5.41**	**$8.61**
Severe	$3.71	$0.24	**$3.95**	$0.00	$0.40	$6.14	$0.94	$3.97	**$11.45**	**$15.40**
Standby	$1.49	$0.23							**$1.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT001	TK BD22-362	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 36' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	$52,901			122

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.21	$0.30	**$4.51**	$0.00	$0.30	$1.40	$0.21	$3.89	**$5.81**	**$10.32**
Severe	$5.26	$0.31	**$5.57**	$0.00	$0.30	$4.45	$0.68	$5.56	**$10.98**	**$16.55**
Standby	$2.11	$0.30							**$2.41**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT002	TK BD22-402	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	$53,756			126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.29	$0.30	**$4.59**	$0.00	$0.30	$1.40	$0.21	$3.96	**$5.88**	**$10.47**
Severe	$5.36	$0.31	**$5.67**	$0.00	$0.30	$4.45	$0.68	$5.66	**$11.08**	**$16.75**
Standby	$2.15	$0.30							**$2.45**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.10 BOTTOM DUMP

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT003	TK BD22-403	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 40' - 2 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	$60,122			146

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.86	$0.34	**$5.20**	$0.00	$0.30	$1.40	$0.21	$4.48	**$6.40**	**$11.60**
Severe	$6.08	$0.35	**$6.43**	$0.00	$0.30	$4.45	$0.68	$6.40	**$11.83**	**$18.26**
Standby	$2.43	$0.34							**$2.77**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT004	TK BD22-433	TRUCK TRAILER, BOTTOM DUMP, 22 CY, 43' - 3 AXLE, W/ TARP, CLAMSHELL (ADD TOWING TRUCK)	$61,692			149

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.73	$0.35	**$5.08**	$0.00	$0.30	$2.10	$0.32	$4.39	**$7.11**	**$12.19**
Severe	$5.91	$0.36	**$6.27**	$0.00	$0.30	$6.67	$1.02	$6.27	**$14.26**	**$20.53**
Standby	$2.37	$0.35							**$2.72**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

CANCADE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45C6003	29' TANDEM	TRUCK TRAILER, END DUMP, 25 CY, DOUBLE AXLE, (W/HOIST) (ADD TOWING TRUCK)	$75,557			150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.30	$0.43	**$6.73**	$0.00	$0.40	$1.28	$0.20	$5.37	**$7.25**	**$13.98**
Severe	$7.87	$0.44	**$8.31**	$0.00	$0.40	$4.08	$0.62	$7.75	**$12.85**	**$21.16**
Standby	$3.15	$0.43							**$3.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45C6004	33' TRIDEM	TRUCK TRAILER, END DUMP, 30 CY, 36 TON, 32' - 3 AXLE (W/HOIST) (ADD TOWING TRUCK)	$83,677			172

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.77	$0.47	**$7.24**	$0.00	$0.40	$1.93	$0.29	$5.80	**$8.42**	**$15.66**
Severe	$8.47	$0.49	**$8.96**	$0.00	$0.40	$6.11	$0.94	$8.37	**$15.81**	**$24.77**
Standby	$3.39	$0.47							**$3.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX008	25CY END DUMP TRLR	TRUCK TRAILER, END DUMP, 25 CY, 30 TON (ADD TOWING TRUCK)	$72,556			147

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.77	$0.41	**$6.18**	$0.00	$0.40	$1.93	$0.30	$4.95	**$7.58**	**$13.76**
Severe	$7.21	$0.42	**$7.63**	$0.00	$0.40	$6.14	$0.94	$7.14	**$14.62**	**$22.25**
Standby	$2.89	$0.41							**$3.30**	

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT005	TK60SSD-402	TRUCK TRAILER, SIDE DUMP, 29 CY, 40' - 2 AXLE, W/ TARP (ADD TOWING TRUCK)	$56,878			143

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.57	$0.32	**$4.89**	$0.00	$0.00	$1.40	$0.21	$3.92	**$5.53**	**$10.42**
Severe	$5.71	$0.33	**$6.04**	$0.00	$0.00	$4.45	$0.68	$5.65	**$10.77**	**$16.81**
Standby	$2.29	$0.32							**$2.61**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.20 END / SIDE DUMP

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45TT007	TK60SSD-433	TRUCK TRAILER, SIDE DUMP, 31 CY, 43' - 3 AXLE, W/ TARP (ADD TOWING TRUCK)	$64,169			164

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.95	$0.36	**$5.31**	$0.00	$0.00	$2.10	$0.32	$4.26	**$6.68**	**$11.99**
Severe	$6.19	$0.37	**$6.56**	$0.00	$0.00	$6.67	$1.02	$6.15	**$13.84**	**$20.40**
Standby	$2.48	$0.36							**$2.84**	

T45 0.30 PUP TRAILER

CANCADE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45C6001	14' PUP	TRUCK TRAILER, PUP TRAILER, 13 CY, 14', DOUBLE AXLE (W/HOIST) (ADD TOWING TRUCK)	$45,190			100

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.40	$0.26	**$4.66**	$0.00	$0.40	$1.40	$0.21	$3.49	**$5.51**	**$10.17**
Standby	$2.20	$0.26							**$2.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.30 PUP TRAILER

CANCADE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45C6002	17' PUP	TRUCK TRAILER, PUP TRAILER, 15 CY, 17', TRIPLE AXLE (W/HOIST) (ADD TOWING TRUCK)	$49,628			130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.64	$0.29	**$4.93**	$0.00	$0.40	$1.93	$0.29	$3.70	**$6.32**	**$11.25**
Standby	$2.32	$0.29							**$2.61**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45XX032	12CY PUP	TRUCK TRAILER, PUP TRAILER, 12 CY, 14.5 TON, 2 AXLE (ADD TOWING TRUCK)	$52,052			130

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.22	$0.30	**$5.52**	$0.00	$0.50	$1.28	$0.20	$4.13	**$6.11**	**$11.63**
Standby	$2.61	$0.30							**$2.91**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

EAGER BEAVER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45EA006	35GSL-BR	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE, DETATCHABLE GOOSENECK (ADD TOWING TRUCK)	$53,694			171

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.48	$0.30	**$4.78**	$0.00	$0.50	$0.90	$0.14	$2.94	**$4.48**	**$9.26**
Standby	$2.24	$0.30							**$2.54**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45EA007	50GSL-3	TRUCK TRAILER, LOWBOY, 50 TON, 3 AXLE , DETATCHABLE GOOSENECK (ADD TOWING TRUCK)	$65,788			205

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.39	$0.37	**$5.76**	$0.00	$0.50	$1.35	$0.21	$3.55	**$5.60**	**$11.36**
Standby	$2.70	$0.37							**$3.07**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX011	LBY-25	TRUCK TRAILER, LOWBOY, 25 TON, 2 AXLE (ADD TOWING TRUCK)	$25,592			109

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.87	$0.14	**$2.01**	$0.00	$0.40	$1.10	$0.17	$1.25	**$2.91**	**$4.92**
Standby	$0.94	$0.14							**$1.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX013	LBY-35	TRUCK TRAILER, LOWBOY, 35 TON, 2 AXLE (ADD TOWING TRUCK)	$71,191			135

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.25	$0.40	**$6.65**	$0.00	$0.40	$0.40	$0.06	$4.08	**$4.94**	**$11.59**
Standby	$3.13	$0.40							**$3.53**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX014	52T LOWBOY	TRUCK TRAILER, LOW BOY, 52 TON, 3 AXLE (ADD TOWING TRUCK)	$41,463			150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.04	$0.23	**$3.27**	$0.00	$0.40	$1.77	$0.27	$2.02	**$4.46**	**$7.73**
Standby	$1.52	$0.23							**$1.75**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX016	LBY-55	TRUCK TRAILER, LOWBOY, 55 TON, 3 AXLE (ADD TOWING TRUCK)	$41,325			145

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.90	$0.23	**$3.13**	$0.00	$0.50	$2.09	$0.32	$1.94	**$4.85**	**$7.98**
Standby	$1.45	$0.23							**$1.68**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX017	LBY-60	TRUCK TRAILER, LOWBOY, 60 TON, 4 AXLE (ADD TOWING TRUCK)	$75,692			175

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.43	**$6.31**	$0.00	$0.50	$2.36	$0.36	$3.89	**$7.11**	**$13.42**
Standby	$2.94	$0.43							**$3.37**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX018	LBY-65	TRUCK TRAILER, LOWBOY, 65 TON, 5 AXLE (ADD TOWING TRUCK)	$213,727			213

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.08	$1.21	**$19.29**	$0.00	$0.50	$2.95	$0.45	$11.85	**$15.75**	**$35.04**
Standby	$9.04	$1.21							**$10.25**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.41 LOWBOY, RIGID NECK, DROP DECK

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX020	70T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 70 TON, 8 AXLE (ADD TOWING TRUCK)	$298,434			268

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$25.00	$1.69	**$26.69**	$0.00	$0.60	$4.72	$0.72	$16.41	**$22.45**	**$49.14**
Standby	$12.50	$1.69							**$14.19**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX023	120T LOWBOY TRAILER	TRUCK TRAILER, LOWBOY, 120 TON, 10 AXLE (ADD TOWING TRUCK)	$459,209			350

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$39.01	$2.60	**$41.61**	$0.00	$0.60	$5.90	$0.90	$25.56	**$32.97**	**$74.58**
Standby	$19.51	$2.60							**$22.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX025	25T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 25 TON, 2 AXLE (ADD TOWING TRUCK)	$30,343			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.51	$0.17	**$2.68**	$0.00	$0.10	$0.55	$0.08	$1.65	**$2.39**	**$5.07**
Standby	$1.26	$0.17							**$1.43**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX035	40T FLATBED TRAILER	TRUCK TRAILER, FLATBED, 40 TON, 2 AXLE (ADD TOWING TRUCK)	$34,216			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.67	$0.19	**$2.86**	$0.00	$0.40	$1.05	$0.16	$1.76	**$3.37**	**$6.23**
Standby	$1.34	$0.19							**$1.53**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.50 FLATBED TRAILER

TRAIL KING INDUSTRIES, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45TT008	TK80HT	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, HYDRAULIC TAIL/RAMP (ADD TOWING TRUCK)	$86,807			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.48	$0.49	**$7.97**	$0.00	$0.00	$0.85	$0.13	$4.89	**$5.87**	**$13.84**
Standby	$3.74	$0.49							**$4.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45TT009	TK80SA	TRUCK TRAILER, FLATBED, 40 TON, 48' - 2 AXLE, SLIDING AXLE TILT FUNCTION (ADD TOWING TRUCK)	$99,435			110

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.62	$0.56	**$9.18**	$0.00	$0.00	$0.85	$0.13	$5.63	**$6.61**	**$15.79**
Standby	$4.31	$0.56							**$4.87**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX026	10T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 10 TON, 2 AXLE (ADD TOWING TRUCK)	$15,069			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.20	$0.09	**$1.29**	$0.00	$0.40	$0.39	$0.06	$0.79	**$1.64**	**$2.93**
Standby	$0.60	$0.09							**$0.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX027	15T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT BED, 15 TON, 2 AXLE (ADD TOWING TRUCK)	$18,881			30

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.48	$0.11	**$1.59**	$0.00	$0.40	$0.55	$0.08	$0.98	**$2.01**	**$3.60**
Standby	$0.74	$0.11							**$0.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX028	20T UTILITY	TRUCK TRAILER, MISCELLANEOUS/UTILITY, TILT RAMPS, WOOD DECK, 20 TON, 2 AXLE (ADD TOWING TRUCK)	$21,413			40

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.71	$0.12	**$1.83**	$0.00	$0.40	$0.55	$0.08	$1.13	**$2.16**	**$3.99**
Standby	$0.86	$0.12							**$0.98**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.60 MISCELLANEOUS / UTILITY

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX036	7T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 7 TON CAPACITY (ADD TOWING TRUCK)	$6,117			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.49	$0.03	**$0.52**	$0.00	$0.00	$0.16	$0.03	$0.32	**$0.51**	**$1.03**
Standby	$0.25	$0.03							**$0.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX037	8T UTILITY	TRUCK TRAILER, MISC/UTILITY, FOLD DOWN REAR RAMPS, WOOD DECK, STEEL FRAME, 8 TON CAPACITY (ADD TOWING TRUCK)	$6,590			20

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.52	$0.04	**$0.56**	$0.00	$0.00	$0.18	$0.03	$0.34	**$0.55**	**$1.11**
Standby	$0.26	$0.04							**$0.30**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX029	4K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 4,000 GAL (ADD TOWING TRUCK)	$74,840			170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.06	$0.47	**$5.53**	$0.00	$0.00	$1.40	$0.21	$4.88	**$6.49**	**$12.02**
Standby	$2.53	$0.47							**$3.00**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main	Engine Horsepower and Fuel Type: Carrier	CWT
T45XX030	5K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 5,000 GAL (ADD TOWING TRUCK)	$77,806			240

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.28	$0.49	**$5.77**	$0.00	$0.00	$1.40	$0.21	$5.09	**$6.70**	**$12.47**
Standby	$2.64	$0.49							**$3.13**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45XX031	6K GAL, WATER TRLR	TRUCK TRAILER, WATER TANKER, 6,000 GAL (ADD TOWING TRUCK)	$79,462			250

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.41	$0.50	**$5.91**	$0.00	$0.00	$1.40	$0.21	$5.20	**$6.82**	**$12.73**
Standby	$2.71	$0.50							**$3.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45XX038	WT5C	TRUCK TRAILER, WATER TANKER, 525 GAL W/ GAS POWERED PUMP, 158 GPM (ADD TOWING TRUCK)	$10,896	Gas 4 HP		15

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.77	$0.07	**$0.84**	$0.97	$0.12	$0.13	$0.02	$0.73	**$1.97**	**$2.81**
Standby	$0.39	$0.07							**$0.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.70 WATER TANKER TRAILER

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45XX039	1025 GAL	TRUCK TRAILER, WATER TANKER, 1025 GAL TANK, 25' X 1-1/2" FIRE HOSE & NOZZLE	$9,583	Gas 4 HP		22

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.67	$0.06	**$0.73**	$0.97	$0.12	$0.12	$0.02	$0.64	**$1.86**	**$2.59**
Standby	$0.34	$0.06							**$0.40**	

T45 0.90 TANK TRAILERS

GRACO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T45G1001	REACTOR 2H-40	FOAM SPRAY RIG, UP TO 40 LB/MIN, 40KW GENERATOR & 200 CFM COMPRESSOR INCLUDED, MOUNTED WITHIN ENCLOSED TRAILER	$81,830	D-On 54 HP		80

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.09	$0.51	**$6.60**	$9.12	$0.95	$0.13	$0.02	$6.68	**$16.89**	**$23.49**
Standby	$3.05	$0.51							**$3.56**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T45 TRUCK TRAILERS

T45 0.90 TANK TRAILERS

GRACO, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$69,293	D-On 40 HP		80

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.15	$0.43	**$5.58**	$6.76	$0.70	$0.13	$0.02	$5.65	**$13.26**	**$18.84**
Standby	$2.58	$0.43							**$3.01**	

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

GENERAL MOTORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50GM001	SILVERADO 1500	TRUCK, HIGHWAY, 6,500 GVW, 4X2	$39,058	Gas 310 HP		52

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.64	$0.24	**$3.88**	$17.92	$2.18	$0.64	$0.10	$3.58	**$24.41**	**$28.29**
Severe	$4.85	$0.25	**$5.10**	$23.05	$2.80	$1.77	$0.27	$5.11	**$33.00**	**$38.10**
Standby	$1.82	$0.24							**$2.06**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

GENERAL MOTORS

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50GM004	SUBURBAN 2500	TRUCK, HIGHWAY, 8,600 GVW, 4X2 (SUBURBAN)	$48,524	Gas 355 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.53	$0.30	**$4.83**	$20.53	$2.49	$0.77	$0.12	$4.45	**$28.37**	**$33.20**
Severe	$6.04	$0.31	**$6.35**	$26.39	$3.20	$2.13	$0.33	$6.36	**$38.42**	**$44.77**
Standby	$2.27	$0.30							**$2.57**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50GM005	SUBURBAN 2500	TRUCK, HIGHWAY, 8,600 GVW, 4X4 (SUBURBAN)	$57,372	Gas 355 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.41	$0.35	**$5.76**	$20.53	$2.49	$0.82	$0.13	$5.31	**$29.28**	**$35.04**
Severe	$7.22	$0.37	**$7.59**	$26.39	$3.20	$2.41	$0.37	$7.59	**$39.96**	**$47.55**
Standby	$2.71	$0.35							**$3.06**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX001	4X2 1/2 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X2	$25,614	Gas 290 HP		43

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.48	$0.16	**$2.64**	$16.77	$2.04	$0.19	$0.03	$2.42	**$21.45**	**$24.09**
Severe	$3.31	$0.16	**$3.47**	$21.56	$2.62	$0.53	$0.08	$3.46	**$28.24**	**$31.71**
Standby	$1.24	$0.16							**$1.40**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX002	4X2 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2	$33,761	Gas 385 HP		60

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.30	$0.21	**$3.51**	$22.26	$2.70	$0.19	$0.03	$3.21	**$28.39**	**$31.90**
Severe	$4.39	$0.22	**$4.61**	$28.62	$3.47	$0.53	$0.08	$4.59	**$37.29**	**$41.90**
Standby	$1.65	$0.21							**$1.86**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX003	4X2 1 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X2	$36,027	Gas 385 HP		66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.52	$0.22	**$3.74**	$22.26	$2.70	$0.19	$0.03	$3.43	**$28.61**	**$32.35**
Severe	$4.70	$0.23	**$4.93**	$28.62	$3.47	$0.53	$0.08	$4.90	**$37.60**	**$42.53**
Standby	$1.76	$0.22							**$1.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX004	4X4 1/2 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1/2 TON PICKUP, 4X4	$31,167	Gas 325 HP		45

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.04	$0.19	**$3.23**	$18.79	$2.28	$0.20	$0.03	$2.96	**$24.26**	**$27.49**
Severe	$4.05	$0.20	**$4.25**	$24.16	$2.93	$0.60	$0.09	$4.23	**$32.01**	**$36.26**
Standby	$1.52	$0.19							**$1.71**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX005	4X4 3/4 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4	$35,988	Gas 385 HP		64

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.52	$0.22	**$3.74**	$22.26	$2.70	$0.20	$0.03	$3.43	**$28.62**	**$32.36**
Severe	$4.69	$0.23	**$4.92**	$28.62	$3.47	$0.60	$0.09	$4.90	**$37.68**	**$42.60**
Standby	$1.76	$0.22							**$1.98**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX006	4X4 1 TON CONV GAS	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4	$38,729	Gas 385 HP		65

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.79	$0.24	**$4.03**	$22.26	$2.70	$0.20	$0.03	$3.69	**$28.89**	**$32.92**
Severe	$5.06	$0.25	**$5.31**	$28.62	$3.47	$0.60	$0.09	$5.28	**$38.06**	**$43.37**
Standby	$1.90	$0.24							**$2.14**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX007	4X2 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X2	$34,886	Gas 325 HP		47

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.41	$0.22	**$3.63**	$18.79	$2.28	$0.19	$0.03	$3.32	**$24.61**	**$28.24**
Severe	$4.54	$0.22	**$4.76**	$24.16	$2.93	$0.53	$0.08	$4.74	**$32.44**	**$37.20**
Standby	$1.71	$0.22							**$1.93**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX008	4X2 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2	$37,157	Gas 385 HP		66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.64	$0.23	**$3.87**	$22.26	$2.70	$0.19	$0.03	$3.54	**$28.72**	**$32.59**
Severe	$4.85	$0.24	**$5.09**	$28.62	$3.47	$0.53	$0.08	$5.06	**$37.76**	**$42.85**
Standby	$1.82	$0.23							**$2.05**	

* - Adjustable Elements

Region: 2
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Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX009	4X2 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2	$39,992	Gas 385 HP		66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.92	$0.25	**$4.17**	$22.26	$2.70	$0.19	$0.03	$3.82	**$29.00**	**$33.17**
Severe	$5.23	$0.26	**$5.49**	$28.62	$3.47	$0.53	$0.08	$5.45	**$38.15**	**$43.64**
Standby	$1.96	$0.25							**$2.21**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX010	4X4 1/2 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1/2 TON PICKUP, 4X4	$37,621	Gas 355 HP		50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.65	$0.23	**$3.88**	$20.53	$2.49	$0.28	$0.04	$3.56	**$26.90**	**$30.78**
Severe	$4.87	$0.24	**$5.11**	$26.39	$3.20	$0.82	$0.12	$5.09	**$35.62**	**$40.73**
Standby	$1.83	$0.23							**$2.06**	

* - Adjustable Elements

Region: 2
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Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX011	4X4 3/4 TON CREW GAS	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X4	$38,758	Gas 385 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.80	$0.24	**$4.04**	$22.26	$2.70	$0.20	$0.03	$3.70	**$28.89**	**$32.93**
Severe	$5.06	$0.25	**$5.31**	$28.62	$3.47	$0.60	$0.09	$5.28	**$38.06**	**$43.37**
Standby	$1.90	$0.24							**$2.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX012	4X4 1 TON CREW GAS	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X4	$54,588	Gas 385 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.38	$0.34	**$5.72**	$22.26	$2.70	$0.20	$0.03	$5.23	**$30.43**	**$36.15**
Severe	$7.17	$0.35	**$7.52**	$28.62	$3.47	$0.60	$0.09	$7.47	**$40.25**	**$47.77**
Standby	$2.69	$0.34							**$3.03**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX014	4X2 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X2	$44,839	D-On 475 HP		66

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.40	$0.28	**$4.68**	$18.12	$1.89	$0.19	$0.03	$4.28	**$24.51**	**$29.19**
Severe	$5.87	$0.29	**$6.16**	$25.89	$2.69	$0.53	$0.08	$6.12	**$35.31**	**$41.47**
Standby	$2.20	$0.28							**$2.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX015	4X2 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X2	$45,874	D-On 475 HP		67

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.48	$0.28	**$4.76**	$18.12	$1.89	$0.26	$0.04	$4.36	**$24.67**	**$29.43**
Severe	$5.97	$0.29	**$6.26**	$25.89	$2.69	$0.72	$0.11	$6.23	**$35.65**	**$41.91**
Standby	$2.24	$0.28							**$2.52**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX017	4X4 3/4 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 3/4 TON PICKUP, 4X4	$47,720	D-On 475 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.69	$0.30	**$4.99**	$18.12	$1.89	$0.20	$0.03	$4.56	**$24.80**	**$29.79**
Severe	$6.26	$0.31	**$6.57**	$25.89	$2.69	$0.60	$0.09	$6.52	**$35.79**	**$42.36**
Standby	$2.35	$0.30							**$2.65**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX018	4X4 1 TON CONV DSL	TRUCK, HIGHWAY, CONVENTIONAL, 1 TON PICKUP, 4X4	$47,944	D-On 475 HP		71

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.63	$0.30	**$4.93**	$18.12	$1.89	$0.42	$0.06	$4.52	**$25.01**	**$29.94**
Severe	$6.17	$0.31	**$6.48**	$25.89	$2.69	$1.24	$0.19	$6.46	**$36.47**	**$42.95**
Standby	$2.32	$0.30							**$2.62**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX019	4X2 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP, 4X2	$47,184	D-On 475 HP		73

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.64	$0.29	**$4.93**	$18.12	$1.89	$0.19	$0.03	$4.51	**$24.74**	**$29.67**
Severe	$6.18	$0.30	**$6.48**	$25.89	$2.69	$0.53	$0.08	$6.45	**$35.64**	**$42.12**
Standby	$2.32	$0.29							**$2.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX020	4X4 3/4 TON CREW DSL	TRUCK, HIGHWAY, CREW, 3/4 TON PICKUP 4X4	$47,824	D-On 475 HP		77

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.70	$0.30	**$5.00**	$18.12	$1.89	$0.20	$0.03	$4.57	**$24.81**	**$29.81**
Severe	$6.27	$0.31	**$6.58**	$25.89	$2.69	$0.60	$0.09	$6.53	**$35.81**	**$42.39**
Standby	$2.35	$0.30							**$2.65**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T50 TRUCKS, HIGHWAY (Add attachments as required)

T50 0.01 0 THRU 10,000 GVW

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX021	4X2 1 TON CREW DSL	TRUCK, HIGHWAY, CREW, 1 TON PICKUP, 4X2	$46,239	D-On 475 HP		74

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.46	$0.29	**$4.75**	$18.12	$1.89	$0.40	$0.06	$4.35	**$24.82**	**$29.57**
Severe	$5.94	$0.30	**$6.24**	$25.89	$2.69	$1.10	$0.17	$6.22	**$36.07**	**$42.31**
Standby	$2.23	$0.29							**$2.52**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX066	TRANSIT CARGO	TOOL/CARGO VAN	$40,272	Gas 275 HP		50

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.68	$0.25	**$3.93**	$15.90	$1.93	$0.82	$0.13	$3.64	**$22.41**	**$26.34**
Severe	$4.91	$0.26	**$5.17**	$20.44	$2.48	$2.26	$0.35	$5.20	**$30.73**	**$35.90**
Standby	$1.84	$0.25							**$2.09**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX022	4X2 16KGVW GAS	TRUCK, HIGHWAY, 16,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	$31,017	Gas 350 HP		88

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.07	$0.19	**$2.26**	$46.26	$5.99	$1.25	$0.19	$1.94	**$55.63**	**$57.89**
Severe	$2.59	$0.19	**$2.78**	$59.27	$7.68	$3.54	$0.54	$2.61	**$73.64**	**$76.42**
Standby	$1.04	$0.19							**$1.23**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX023	4X2 20KGVW DSL	TRUCK, HIGHWAY, 19,500 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	$54,968	D-On 360 HP		70

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.20	$0.33	**$4.53**	$33.35	$3.74	$0.63	$0.10	$3.81	**$41.63**	**$46.16**
Severe	$5.25	$0.34	**$5.59**	$43.16	$4.84	$1.86	$0.28	$5.14	**$55.28**	**$60.87**
Standby	$2.10	$0.33							**$2.43**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX024	4X2 26KGVW DSL	TRUCK, HIGHWAY, 26,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	$58,558	D-On 350 HP		72

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.47	$0.35	**$4.82**	$32.43	$3.64	$0.65	$0.10	$4.06	**$40.89**	**$45.71**
Severe	$5.59	$0.36	**$5.95**	$41.97	$4.71	$1.85	$0.28	$5.47	**$54.28**	**$60.23**
Standby	$2.24	$0.35							**$2.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX032	4X2 28KGVW DSL	DUMP TRUCK, HIGHWAY, 32,000 LBS GVW, 2 AXLE, 4X2 WITH REAR 7 CY DUMP BODY	$87,949	D-On 286 HP		160

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.62	$0.53	**$7.15**	$26.50	$2.97	$1.25	$0.19	$6.04	**$36.96**	**$44.11**
Severe	$8.28	$0.54	**$8.82**	$34.29	$3.85	$3.54	$0.54	$8.13	**$50.35**	**$59.17**
Standby	$3.31	$0.53							**$3.84**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type 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	$157,610	D-On 300 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.20	$0.95	**$13.15**	$27.80	$3.12	$1.25	$0.19	$11.05	**$43.42**	**$56.57**
Severe	$15.24	$0.97	**$16.21**	$35.97	$4.04	$3.54	$0.54	$14.88	**$58.97**	**$75.18**
Standby	$6.10	$0.95							**$7.05**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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	$116,171	D-On 330 HP		160

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.88	$0.70	**$9.58**	$30.57	$3.43	$1.25	$0.19	$8.07	**$43.52**	**$53.10**
Severe	$11.10	$0.72	**$11.82**	$39.57	$4.44	$3.54	$0.54	$10.86	**$58.95**	**$70.77**
Standby	$4.44	$0.70							**$5.14**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX065	RAM 5500 WITH DUMP	TRUCK, HIGHWAY, 19,500 GVW, 2 AXLE, 4X4 WITH DUMP BED	$71,265	D-On 400 HP		195

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.29	$0.43	**$5.72**	$37.06	$4.16	$1.25	$0.19	$4.84	**$47.50**	**$53.22**
Severe	$6.61	$0.44	**$7.05**	$47.96	$5.38	$3.54	$0.54	$6.51	**$63.93**	**$70.98**
Standby	$2.65	$0.43							**$3.08**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX067	2.5K WATER TRUCK	ON HIGHWAY WATER TRUCK, 2,500 GALLONS, 4X2	$90,778	D-On 325 HP		160

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$6.85	$0.55	**$7.40**	$30.11	$3.38	$1.25	$0.19	$6.24	**$41.17**	**$48.57**
Severe	$8.56	$0.56	**$9.12**	$38.97	$4.37	$3.54	$0.54	$8.40	**$55.82**	**$64.94**
Standby	$3.43	$0.55							**$3.98**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX068	2K WATER TRUCK	ON HIGHWAY WATER TRUCK, 2,000 GALLONS, 4X2	$82,065	D-On 260 HP		155

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$5.88	$0.50	**$6.38**	$24.09	$2.70	$2.12	$0.32	$5.41	**$34.65**	**$41.03**
Severe	$7.35	$0.51	**$7.86**	$31.17	$3.50	$6.10	$0.93	$7.29	**$48.99**	**$56.85**
Standby	$2.94	$0.50							**$3.44**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX102	BOX TRUCK	TRUCK, HIGHWAY, 33,000 LBS GVW, 2 AXEL, 4X2, 26' BOX TRUCK WITH 4,000 LB LIFT GATE	$103,251	D-On 300 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.85	$0.62	**$8.47**	$27.80	$3.12	$1.25	$0.19	$7.14	**$39.50**	**$47.97**
Severe	$9.81	$0.64	**$10.45**	$35.97	$4.04	$3.54	$0.54	$9.61	**$53.70**	**$64.15**
Standby	$3.93	$0.62							**$4.55**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX104	FUEL TRUCK	TRUCK, HIGHWAY, FUEL TRUCK 2,000 GALLON, 4X2	$141,285	D-On 300 HP		155

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.89	$0.86	**$11.75**	$27.80	$3.12	$1.25	$0.19	$9.88	**$42.24**	**$53.99**
Severe	$13.61	$0.87	**$14.48**	$35.97	$4.04	$3.54	$0.54	$13.30	**$57.38**	**$71.86**
Standby	$5.45	$0.86							**$6.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX105	ASPHALT TRUCK	TRUCK, HIGHWAY, ASPHALT, 2,000 GALLON, 4X2 WITH 12' SPRAY BAR	$156,311	D-On 260 HP		155

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.09	$0.95	**$13.04**	$24.09	$2.70	$1.25	$0.19	$10.96	**$39.20**	**$52.24**
Severe	$15.11	$0.97	**$16.08**	$31.17	$3.50	$3.54	$0.54	$14.75	**$53.50**	**$69.58**
Standby	$6.05	$0.95							**$7.00**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX107	ROLLBACK	TRUCK, HIGHWAY, ROLLBACK, 25' L BED	$117,459	D-On 330 HP		150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.98	$0.71	**$9.69**	$30.57	$3.43	$1.25	$0.19	$8.16	**$43.61**	**$53.30**
Severe	$11.23	$0.73	**$11.96**	$39.57	$4.44	$3.54	$0.54	$10.99	**$59.08**	**$71.04**
Standby	$4.49	$0.71							**$5.20**	

T50 0.03 OVER 30,000 GVW (Chassis only - Add options)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX027	4X2 37KGVW DSL	TRUCK, HIGHWAY, 37,000 LBS GVW, 2 AXLE, 4X2 (CHASSIS ONLY-ADD OPTIONS)	$60,935	D-On 260 HP		126

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.72	$0.36	**$4.08**	$34.01	$4.13	$1.25	$0.19	$3.41	**$42.99**	**$47.07**
Severe	$4.46	$0.37	**$4.83**	$43.93	$5.33	$3.54	$0.54	$4.72	**$58.06**	**$62.89**
Standby	$1.86	$0.36							**$2.22**	

* - 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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX028	6X4 55KGVW DSL	TRUCK, HIGHWAY, 45,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	$141,645	D-On 500 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.87	$0.84	**$9.71**	$65.40	$7.94	$2.12	$0.32	$8.09	**$83.87**	**$93.58**
Severe	$10.64	$0.86	**$11.50**	$84.48	$10.25	$6.10	$0.93	$11.20	**$112.96**	**$124.46**
Standby	$4.44	$0.84							**$5.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX029	6X4 52KGVW DSL	TRUCK, HIGHWAY, 52,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	$142,788	D-On 475 HP		250

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.95	$0.85	**$9.80**	$62.13	$7.54	$2.12	$0.32	$8.16	**$80.27**	**$90.07**
Severe	$10.73	$0.86	**$11.59**	$80.25	$9.74	$6.10	$0.93	$11.29	**$108.31**	**$119.90**
Standby	$4.48	$0.85							**$5.33**	

* - Adjustable Elements

Region: 2
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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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX031	6X4 75KGVW DSL	TRUCK, HIGHWAY, 75,000 LBS GVW, 3 AXLE, 6X4 (CHASSIS ONLY-ADD OPTIONS)	$144,214	D-On 605 HP		197

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.93	$0.86	**$9.79**	$79.13	$9.60	$2.55	$0.39	$8.16	**$99.84**	**$109.63**
Severe	$10.71	$0.87	**$11.58**	$102.21	$12.41	$7.38	$1.13	$11.30	**$134.42**	**$146.00**
Standby	$4.47	$0.86							**$5.33**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX034	8X4 75KGVW DSL	DUMP TRUCK, HIGHWAY, 75KGVW, 4 AXLES (1 RETRACTABLE), WITH REAR 16 CY - 18 CY DUMP BODY	$166,968	D-On 460 HP		300

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.40	$1.00	**$11.40**	$60.17	$7.30	$2.61	$0.40	$9.50	**$79.98**	**$91.38**
Severe	$12.48	$1.01	**$13.49**	$77.72	$9.43	$7.36	$1.13	$13.15	**$108.79**	**$122.28**
Standby	$5.20	$1.00							**$6.20**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX036	10X4 75KGVW DSL	DUMP TRUCK, HIGHWAY, 75KGVW, 5 AXLES (2 RETRACTABLE), WITH REAR 16 CY - 18 CY DUMP BODY	$170,860	D-On 370 HP		320

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.60	$1.02	**$11.62**	$48.40	$5.87	$2.76	$0.42	$9.69	**$67.14**	**$78.76**
Severe	$12.72	$1.03	**$13.75**	$62.51	$7.59	$7.70	$1.18	$13.41	**$92.39**	**$106.14**
Standby	$5.30	$1.02							**$6.32**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX037	12X4 80KGVW DSL	DUMP TRUCK, HIGHWAY, 80KGVW, 6 AXLES (3 RETRACTABLE), WITH REAR 18 CY - 20 CY DUMP BODY	$181,711	D-On 495 HP		280

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.22	$1.08	**$12.30**	$64.75	$7.86	$3.08	$0.47	$10.26	**$86.42**	**$98.72**
Severe	$13.47	$1.10	**$14.57**	$83.63	$10.15	$8.53	$1.31	$14.21	**$117.83**	**$132.40**
Standby	$5.61	$1.08							**$6.69**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX100	6X4 52KGVW DSL	TRUCK, HIGHWAY, 52,000 LBS GVW, 3 AXLE, DAY CAB, 6X4 (CHASSIS ONLY-ADD OPTIONS)	$130,597	D-On 500 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$8.13	$0.78	**$8.91**	$65.40	$7.94	$2.12	$0.32	$7.43	**$83.21**	**$92.12**
Severe	$9.76	$0.79	**$10.55**	$84.48	$10.25	$6.10	$0.93	$10.28	**$112.04**	**$122.59**
Standby	$4.07	$0.78							**$4.85**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T50XX106	4K GAL WATER TRUCK	TRUCK, HIGHWAY, WATER TRUCK, 4,000 GALLON, 4X2	$122,166	D-On 300 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$7.57	$0.73	**$8.30**	$39.24	$4.76	$2.12	$0.32	$6.92	**$53.37**	**$61.67**
Severe	$9.08	$0.74	**$9.82**	$50.69	$6.15	$6.10	$0.93	$9.58	**$73.45**	**$83.27**
Standby	$3.79	$0.73							**$4.52**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA002	772G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 40.8 CY HEAPED, 52 TON, 4X4, REAR DUMP	$866,815	D-Off 605 HP		769

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.04	$4.96	**$58.00**	$46.90	$6.89	$20.58	$3.15	$65.61	**$143.13**	**$201.13**
Severe	$57.46	$4.99	**$62.45**	$60.69	$8.91	$64.47	$9.86	$75.02	**$218.96**	**$281.41**
Standby	$26.52	$4.96							**$31.48**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA003	777G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.6 CY, 100 TON, 4X4, REAR DUMP	$1,453,928	D-Off 938 HP		1419

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$87.60	$8.33	**$95.93**	$72.71	$10.68	$39.64	$6.06	$108.62	**$237.71**	**$333.64**
Severe	$94.90	$8.38	**$103.28**	$94.10	$13.82	$124.15	$19.00	$124.21	**$375.28**	**$478.56**
Standby	$43.80	$8.33							**$52.13**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA007	770G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 32.9 CY HEAPED, 42 TON, 4X4, REAR DUMP	$688,887	D-Off 515 HP		732

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$41.83	$3.94	**$45.77**	$39.92	$5.86	$17.03	$2.61	$51.81	**$117.23**	**$163.00**
Severe	$45.32	$3.97	**$49.29**	$51.66	$7.59	$53.34	$8.16	$59.24	**$180.00**	**$229.29**
Standby	$20.92	$3.94							**$24.86**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA031	773G	TRUCK, OFF-HIGHWAY, RIGID FRAME, 46.8 CY, 67.8 TON, 4X4, REAR DUMP	$954,310	D-Off 825 HP		1113

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$54.93	$5.46	**$60.39**	$63.95	$9.39	$39.64	$6.06	$68.62	**$187.67**	**$248.06**
Severe	$59.51	$5.50	**$65.01**	$82.76	$12.16	$124.15	$19.00	$78.47	**$316.54**	**$381.55**
Standby	$27.47	$5.46							**$32.93**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55KM009	HD325-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 31.4 CY, 44 TON, 4X4, REAR DUMP	$838,399	D-Off 518 HP		1547

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$51.61	$4.80	**$56.41**	$40.16	$5.90	$17.79	$2.72	$63.78	**$130.35**	**$186.76**
Severe	$55.91	$4.83	**$60.74**	$51.97	$7.63	$57.61	$8.81	$72.93	**$198.96**	**$259.70**
Standby	$25.81	$4.80							**$30.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55KM012	HD785-7	TRUCK, OFF-HIGHWAY, RIGID FRAME, 78.5 CY, 100 TON, 4X4, REAR DUMP	$1,452,339	D-Off 1200 HP		3660

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$87.50	$8.32	**$95.82**	$93.02	$13.66	$41.41	$6.34	$108.49	**$262.92**	**$358.74**
Severe	$94.79	$8.37	**$103.16**	$120.38	$17.68	$134.08	$20.51	$124.06	**$416.72**	**$519.88**
Standby	$43.75	$8.32							**$52.07**	

* - Adjustable Elements

Region: 2
Pamphlet Year: 2022

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.10 RIGID FRAME

KOMATSU AMERICA INTERNATIONAL COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55KM014	730E	TRUCK, OFF-HIGHWAY, RIGID FRAME, 145 CY, 205 TON, 4X4, REAR DUMP	$2,470,703	D-Off 2000 HP		7150

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$142.63	$14.15	**$156.78**	$155.04	$22.77	$104.91	$16.05	$178.09	**$476.87**	**$633.65**
Severe	$154.52	$14.23	**$168.75**	$200.64	$29.47	$339.72	$51.98	$203.66	**$825.46**	**$994.21**
Standby	$71.32	$14.15							**$85.47**	

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA001	725C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 19.6 CY, 26.5 TON, 6X6, REAR DUMP	$456,825	D-Off 320 HP		508

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$38.61	$2.69	**$41.30**	$35.02	$2.86	$9.80	$1.50	$42.38	**$91.57**	**$132.87**
Severe	$40.75	$2.70	**$43.45**	$42.32	$3.45	$31.75	$4.86	$47.53	**$129.91**	**$173.36**
Standby	$19.31	$2.69							**$22.00**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA004	730C2	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 23 CY, 31 TON, 6X6, REAR DUMP	$517,467	D-Off 375 HP		518

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.03	$3.04	**$47.07**	$41.04	$3.35	$9.80	$1.50	$48.29	**$103.98**	**$151.05**
Severe	$46.48	$3.06	**$49.54**	$49.59	$4.05	$31.75	$4.86	$54.16	**$144.40**	**$193.94**
Standby	$22.02	$3.04							**$25.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA005	735	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY HEAPED, 36 TON, 6X6, REAR DUMP	$644,422	D-Off 435 HP		692

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.34	$3.79	**$57.13**	$47.61	$3.88	$18.65	$2.85	$58.76	**$131.76**	**$188.89**
Severe	$56.31	$3.81	**$60.12**	$57.52	$4.69	$60.40	$9.24	$65.90	**$197.76**	**$257.88**
Standby	$26.67	$3.79							**$30.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

CATERPILLAR INC. (MACHINE DIVISION)

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA006	740GC	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY HEAPED, 40 TON, 6X6, REAR DUMP	$728,026	D-Off 449 HP		705

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.82	$4.28	**$65.10**	$49.14	$4.01	$18.65	$2.85	$66.90	**$141.56**	**$206.66**
Severe	$64.20	$4.31	**$68.51**	$59.38	$4.85	$60.40	$9.24	$75.03	**$208.90**	**$277.41**
Standby	$30.41	$4.28							**$34.69**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55CA008	745	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.7 CY, 45.2 TON, 6X6, REAR DUMP	$742,190	D-Off 511 HP		727

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$62.09	$4.37	**$66.46**	$55.92	$4.56	$18.65	$2.85	$68.28	**$150.27**	**$216.73**
Severe	$65.54	$4.39	**$69.93**	$67.57	$5.51	$60.40	$9.24	$76.57	**$219.30**	**$289.23**
Standby	$31.05	$4.37							**$35.42**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55JD001	260E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 19.6 CY, 26.7 TON, 6X6, REAR DUMP	$435,905	D-Off 231 HP		496

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$37.50	$2.56	**$40.06**	$25.28	$2.06	$6.20	$0.95	$41.06	**$75.55**	**$115.61**
Severe	$39.59	$2.58	**$42.17**	$30.55	$2.49	$19.42	$2.97	$46.05	**$101.48**	**$143.65**
Standby	$18.75	$2.56							**$21.31**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55JD002	310E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.9 CY, 31.0 TON, 6X6, REAR DUMP	$490,958	D-Off 354 HP		504

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$42.43	$2.89	**$45.32**	$38.74	$3.16	$6.20	$0.95	$46.42	**$95.47**	**$140.79**
Severe	$44.79	$2.90	**$47.69**	$46.81	$3.82	$19.42	$2.97	$52.06	**$125.08**	**$172.77**
Standby	$21.22	$2.89							**$24.11**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

JOHN DEERE

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55JD003	370E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 26.8 CY, 37 TON, 6X6, REAR DUMP	$542,270	D-Off 422 HP		679

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$44.20	$3.19	**$47.39**	$46.18	$3.77	$17.86	$2.73	$48.81	**$119.35**	**$166.74**
Severe	$46.66	$3.21	**$49.87**	$55.81	$4.55	$55.93	$8.56	$54.74	**$179.59**	**$229.46**
Standby	$22.10	$3.19							**$25.29**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55JD004	410E	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 29.7 CY, 41 TON, 6X6, REAR DUMP	$647,291	D-Off 443 HP		702

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.60	$3.81	**$57.41**	$48.48	$3.96	$17.86	$2.73	$59.04	**$132.06**	**$189.47**
Severe	$56.58	$3.83	**$60.41**	$58.58	$4.78	$55.93	$8.56	$66.21	**$194.06**	**$254.47**
Standby	$26.80	$3.81							**$30.61**	

* - 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 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55KM015	HM300-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 22.4 CY, 31 TON, 6 X 6, REAR DUMP	$746,571	D-Off 332 HP		1179

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$64.53	$4.39	**$68.92**	$36.33	$2.96	$9.38	$1.44	$70.60	**$120.71**	**$189.63**
Severe	$68.12	$4.42	**$72.54**	$43.90	$3.58	$29.39	$4.50	$79.18	**$160.55**	**$233.09**
Standby	$32.27	$4.39							**$36.66**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55KM016	HM400-5	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 31.4 CY, 44.1 TON, 6 X 6, REAR DUMP	$665,064	D-Off 473 HP		1626

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$55.19	$3.91	**$59.10**	$51.77	$4.22	$17.86	$2.73	$60.77	**$137.35**	**$196.45**
Severe	$58.26	$3.93	**$62.19**	$62.55	$5.10	$55.93	$8.56	$68.15	**$200.29**	**$262.48**
Standby	$27.60	$3.91							**$31.51**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55VO003	A45G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 34.3 CY, 45 TON, 6X6, REAR DUMP	$929,785	D-Off 479 HP		685

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$77.08	$5.47	**$82.55**	$52.42	$4.28	$25.30	$3.87	$84.88	**$170.75**	**$253.30**
Severe	$81.36	$5.50	**$86.86**	$63.34	$5.17	$79.24	$12.12	$95.19	**$255.07**	**$341.93**
Standby	$38.54	$5.47							**$44.01**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55VO004	A35G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 28.9 CY, 38 TON, 6X6, REAR DUMP	$830,249	D-Off 451 HP		646

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$71.41	$4.88	**$76.29**	$49.36	$4.03	$11.90	$1.82	$78.18	**$145.29**	**$221.58**
Severe	$75.38	$4.91	**$80.29**	$59.64	$4.87	$37.28	$5.70	$87.68	**$195.17**	**$275.46**
Standby	$35.71	$4.88							**$40.59**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T55 TRUCKS, OFF-HIGHWAY

T55 0.20 ARTICULATED FRAME

VOLVO CONSTRUCTION EQUIPMENT GROUP

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55VO005	A30G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 24.1 CY, 32 TON, 6X6, REAR DUMP	$643,852	D-Off 355 HP		520

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$53.32	$3.79	**$57.11**	$38.85	$3.17	$17.74	$2.71	$58.73	**$121.20**	**$178.31**
Severe	$56.28	$3.81	**$60.09**	$46.95	$3.83	$55.56	$8.50	$65.86	**$180.70**	**$240.79**
Standby	$26.66	$3.79							**$30.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T55VO006	A40G	TRUCK, OFF-HIGHWAY, ARTICULATED FRAME, 32.3 CY, 40 TON, 6X6, REAR DUMP	$882,156	D-Off 469 HP		677

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$72.82	$5.19	**$78.01**	$51.33	$4.19	$25.30	$3.87	$80.24	**$164.93**	**$242.94**
Severe	$76.86	$5.22	**$82.08**	$62.02	$5.06	$79.24	$12.12	$89.99	**$248.44**	**$330.52**
Standby	$36.41	$5.19							**$41.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T57 0.00 TRUCKS, VACUUM

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T57XX003	4K VACUUM TRUCK	TRUCK, VACUUM, 4,000 GAL, 532 CFM, INCLUDES TRUCK CHASSIS	$183,999	D-On 360 HP		230

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$14.61	$1.11	**$15.72**	$60.82	$7.88	$0.35	$0.05	$17.15	**$86.26**	**$101.98**
Standby	$7.31	$1.11							**$8.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T57XX004	2K VACUUM TRUCK	TRUCK, VACUUM, 3,600 GAL, 3,000 CFM, REAR DOOR & HYDRAULIC DUMP SYSTEM, INCLUDES TRUCK CHASSIS	$361,322	D-On 300 HP		200

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$28.79	$2.19	**$30.98**	$50.69	$6.40	$0.35	$0.05	$33.79	**$91.28**	**$122.26**
Standby	$14.40	$2.19							**$16.59**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T57XX090	HURRICANE 500	2350 CFM TRAILER MOUNTED VACUUM, CONTAINS ALL STANDARD AND WASTE FEATURES REQUIRED FOR ASBESTOS	$145,403	D-Off 173 HP		204

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$11.58	$0.88	**$12.46**	$24.46	$2.97	$0.13	$0.02	$13.59	**$41.17**	**$53.63**
Standby	$5.79	$0.88							**$6.67**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T57 TRUCKS, VACUUM

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T60KI001	KT-50D	TRUCK, WATER, OFF-HIGHWAY, 5,000 GAL, W/CAT 621K TRACTOR	$947,390	D-Off 407 HP		789

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$59.90	$5.65	**$65.55**	$57.53	$7.98	$15.45	$2.36	$61.27	**$144.59**	**$210.14**
Severe	$71.89	$5.73	**$77.62**	$76.09	$10.56	$50.69	$7.76	$84.02	**$229.12**	**$306.74**
Standby	$29.95	$5.65							**$35.60**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T60KI002	KT-60	TRUCK, WATER, OFF-HIGHWAY, 6,000 GAL, W/CAT 621K TRACTOR	$952,656	D-Off 407 HP		789

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.26	$5.68	**$65.94**	$57.53	$7.98	$15.45	$2.36	$61.62	**$144.95**	**$210.89**
Severe	$72.31	$5.77	**$78.08**	$76.09	$10.56	$50.69	$7.76	$84.51	**$229.60**	**$307.68**
Standby	$30.13	$5.68							**$35.81**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T60KI003	KT-80	TRUCK, WATER, OFF-HIGHWAY, 8,000 GAL, W/CAT 621K TRACTOR	$957,923	D-Off 407 HP		789

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$60.61	$5.71	**$66.32**	$57.53	$7.98	$15.45	$2.36	$61.98	**$145.30**	**$211.62**
Severe	$72.73	$5.80	**$78.53**	$76.09	$10.56	$50.69	$7.76	$85.00	**$230.09**	**$308.62**
Standby	$30.31	$5.71							**$36.02**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T60KI004	KT-100	TRUCK, WATER, OFF-HIGHWAY, 10,000 GAL, W/CAT 631K TRACTOR	$1,308,358	D-Off 570 HP		1028

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$83.37	$7.80	**$91.17**	$80.58	$11.18	$18.32	$2.80	$85.13	**$198.00**	**$289.17**
Severe	$100.04	$7.92	**$107.96**	$106.57	$14.78	$60.09	$9.19	$116.74	**$307.38**	**$415.34**
Standby	$41.69	$7.80							**$49.49**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T60 TRUCKS, WATER, OFF-HIGHWAY

T60 0.00 TRUCKS, WATER, OFF-HIGHWAY

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T60KI006	KT-140	TRUCK, WATER, OFF-HIGHWAY, 14,000 GAL, W/CAT 657G TRACTOR	$1,947,086	D-Off 564 HP		1508

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$124.51	$11.61	**$136.12**	$79.73	$11.06	$25.16	$3.85	$127.04	**$246.84**	**$382.96**
Severe	$149.41	$11.78	**$161.19**	$105.45	$14.63	$82.53	$12.63	$174.23	**$389.47**	**$550.66**
Standby	$62.26	$11.61							**$73.87**	

T65 TUNNEL/MINING EQUIPMENT

T65 0.10 DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T65WG015	E2C	TUNNELING DRILL, 2 BOOM, 1,205 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)	$1,291,935	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	$77.76	$7.36	**$85.12**	$26.79	$12.64	$3.21	$0.49	$92.24	**$135.37**	**$220.49**
Standby	$38.88	$7.36							**$46.24**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

T65 TUNNEL/MINING EQUIPMENT

T65 0.10 DRIFTING & TUNNELING DRILLS

ATLAS COPCO WAGNER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$1,768,479	Elec 313 HP	D-Off 241 HP	981

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$106.69	$10.07	**$116.76**	$39.64	$18.67	$3.21	$0.49	$126.52	**$188.53**	**$305.29**
Standby	$53.35	$10.07							**$63.42**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
T65WG017	XE3C	TUNNELING DRILL, 4 BOOM, 2,130 SF CROSS SECTION, RUBBER TIRED (ADD DRILL BITS AND DRILL STEEL COST)	$1,773,528	Elec 313 HP	D-Off 241 HP	981

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$107.00	$10.10	**$117.10**	$39.64	$18.67	$3.21	$0.49	$126.88	**$188.89**	**$305.99**
Standby	$53.50	$10.10							**$63.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX005	1500 PSI, 1.6 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 1.6 GPM	$821	Elec 2 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**	$0.25	$0.11	$0.00	$0.00	$0.26	**$0.62**	**$0.79**
Standby	$0.08	$0.01							**$0.09**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX006	1500 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1,500 PSI, 3 GPM	$1,662	Elec 3.7 HP		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**	$0.46	$0.20	$0.00	$0.00	$0.54	**$1.19**	**$1.53**
Standby	$0.17	$0.01							**$0.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX007	2000 PSI, 1.9 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 2,000 PSI, 1.9 GPM	$1,577	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**	$0.40	$0.17	$0.00	$0.00	$0.51	**$1.08**	**$1.41**
Standby	$0.16	$0.01							**$0.17**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX008	3000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3,000 PSI, 3 GPM	$2,606	Elec 8 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.52	$0.02	**$0.54**	$1.00	$0.43	$0.00	$0.00	$0.84	**$2.27**	**$2.81**
Standby	$0.26	$0.02							**$0.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX009	1000 PSI, 3 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 1,000 PSI, 3 GPM, 120V, 1P (ELECTRIC FIRED)	$4,136	Elec 3.2 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.83	$0.03	**$0.86**	$0.40	$0.17	$0.00	$0.00	$1.33	**$1.91**	**$2.77**
Standby	$0.42	$0.03							**$0.45**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX010	3000 PSI, 4 GPM	PRESSURE WASHER, LOW PRESSURE, HOT WATER/STEAM, 3,000 PSI, 4 GPM, 440V, 3P (ELECTRIC FIRED)	$5,606	Elec 24 HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.12	$0.04	**$1.16**	$3.01	$1.30	$0.00	$0.00	$1.81	**$6.12**	**$7.28**
Standby	$0.56	$0.04							**$0.60**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main			Carrier	CWT
W25XX011	1700 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 1700 PSI, 1.5 GPM, CART MTD	$594	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**	$0.19	$0.08	$0.00	$0.00	$0.19	**$0.46**	**$0.58**
Standby	$0.06	$0.00							**$0.06**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main			Carrier	CWT
W25XX013	3300 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3300 PSI, 2.5 GPM, CART MTD	$868	Gas	5.5	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**	$1.95	$0.20	$0.00	$0.00	$0.28	**$2.43**	**$2.61**
Standby	$0.09	$0.01							**$0.10**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type: Main			Carrier	CWT
W25XX014	3200 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 3200 PSI, 2.6 GPM, CART MTD	$378	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**	$2.31	$0.24	$0.00	$0.00	$0.12	**$2.67**	**$2.75**
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

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25XX015	4000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, COLD WATER, 4000 PSI, 3.5 GPM, CART MTD	$1,434	Gas	12	HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.29	$0.01	**$0.30**	$4.26	$0.44	$0.00	$0.00	$0.46	**$5.17**	**$5.47**
Standby	$0.15	$0.01							**$0.16**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25XX018	1700 PSI (115V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 1700 PSI, 1.5 GPM, CART MTD	$2,028	Elec	1.5	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.41	$0.01	**$0.42**	$0.19	$0.08	$0.00	$0.00	$0.65	**$0.93**	**$1.35**
Standby	$0.21	$0.01							**$0.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25XX019	2000 PSI (120V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2000 PSI, 1.5 GPM, CART MTD	$2,378	Elec	2	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.48	$0.02	**$0.50**	$0.25	$0.11	$0.00	$0.00	$0.77	**$1.13**	**$1.63**
Standby	$0.24	$0.02							**$0.26**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.10 LOW PRESSURE, (< 5,000 PSI)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX021	2750 PSI (230V)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 2750 PSI, 2.5 GPM, CART MTD	$2,595	Elec 5 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.52	$0.02	**$0.54**	$0.63	$0.27	$0.00	$0.00	$0.84	**$1.74**	**$2.28**
Standby	$0.26	$0.02							**$0.28**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX023	3000 PSI (GAS)	PRESSURE WASHER, LOW PRESSURE, HOT WATER, 3000 PSI, 4 GPM, CART MTD	$3,945	Gas 12 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.79	$0.03	**$0.82**	$4.26	$0.44	$0.00	$0.00	$1.27	**$5.98**	**$6.80**
Standby	$0.40	$0.03							**$0.43**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25NL006	40145D	WATER BLASTER, HIGH PRESSURE, 40,000 PSI, 4.8 GPM, TRAILER MTD	$108,976	D-Off 125 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$21.68	$0.74	**$22.42**	$25.65	$3.11	$0.11	$0.02	$38.18	**$67.07**	**$89.49**
Standby	$10.84	$0.74							**$11.58**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25NL007	20145D	WATER BLASTER, HIGH PRESSURE, 20,000 PSI, 10 GPM, TRAILER MTD	$95,493	D-Off 125 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$18.99	$0.65	**$19.64**	$25.65	$3.11	$0.11	$0.02	$33.43	**$62.32**	**$81.96**
Standby	$9.50	$0.65							**$10.15**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25NL008	10145D	WATER BLASTER, HIGH PRESSURE, 10,000 PSI, 19.5 GPM, TRAILER MTD	$89,175	D-Off 125 HP		55

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$17.72	$0.61	**$18.33**	$25.65	$3.11	$0.11	$0.02	$31.21	**$60.10**	**$78.43**
Standby	$8.86	$0.61							**$9.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.20 HIGH PRESSURE, (>= 5,000 PSI)

NLB CORPORATION

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25NL009	335 DHW-TRA-SA	WATTER BLASTER, HIGH PRESSURE, 3,500 PSI, 15 GPM, TRAILER MTD	$53,903	D-Off 66 HP		49

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$10.72	$0.37	**$11.09**	$13.54	$1.64	$0.05	$0.01	$18.88	**$34.13**	**$45.22**
Standby	$5.36	$0.37							**$5.73**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX017	5000 PSI (GAS)	PRESSURE WASHER, HIGH PRESSURE, COLD WATER, 5000 PSI, 5.0 GPM, CART MTD	$4,315	Gas 25 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.86	$0.03	**$0.89**	$8.88	$0.92	$0.00	$0.00	$1.52	**$11.32**	**$12.21**
Standby	$0.43	$0.03							**$0.46**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25AO002	122	WATER BLASTER, OIL FIRED, STEAM CLEANER, 400 PSI, 1.7 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)	$5,685	Elec	1	HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.14	$0.04	**$1.18**	$0.13	$0.81	$0.00	$0.00	$1.83	**$2.77**	**$3.95**
Standby	$0.57	$0.04							**$0.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25AO003	181	WATER BLASTER, LP FIRED, STEAM CLEANER, 250 PSI, 3.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)	$10,544	Elec	2.3	HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.11	$0.07	**$2.18**	$0.29	$0.88	$0.00	$0.00	$3.40	**$4.57**	**$6.75**
Standby	$1.06	$0.07							**$1.13**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25AO004	240	WATER BLASTER, OIL FIRED, STEAM CLEANER, 350 PSI, 4.0 GPM, REQ 115V POWER (ADD COST FOR HEATING OIL)	$8,623	Elec	2.3	HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.72	$0.06	**$1.78**	$0.29	$1.13	$0.00	$0.00	$2.78	**$4.20**	**$5.98**
Standby	$0.86	$0.06							**$0.92**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.30 STEAM CLEANERS

ALKOTA CLEANING SYSTEMS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25AO005	301	WATER BLASTER, LP FIRED, STEAM CLEANER, 400 PSI, 5.0 GPM, REQ 230V POWER (ADD COST FOR HEATING LP)	$17,800	Elec	4	HP		14

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.56	$0.12	**$3.68**	$0.50	$1.72	$0.00	$0.00	$5.74	**$7.96**	**$11.64**
Standby	$1.78	$0.12							**$1.90**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main			Carrier	CWT
W25AO006	241	WATER BLASTER, LP FIRED, STEAM GENERATOR, 100 PSI, 1.0 GPM, REQ 115V POWER (ADD COST FOR HEATING LP)	$12,695	Elec	2.3	HP		8

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.54	$0.09	**$2.63**	$0.29	$0.88	$0.00	$0.00	$4.09	**$5.26**	**$7.89**
Standby	$1.27	$0.09							**$1.36**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25CJ001	XCEL6	CARBON DIOXIDE (CO2) BLASTER, 88 LBS/HR, SINGLE HOSE DELIVERY, 145 PSI MAX BLASTING PRESSURE (ADD 150 CFM COMPRESSOR)	$15,601	Elec 1 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.08	$0.10	**$2.18**	$0.09	$0.05	$0.00	$0.00	$3.05	**$3.19**	**$5.37**
Standby	$1.04	$0.10							**$1.14**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$29,885	Elec 1 HP		4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.98	$0.19	**$4.17**	$0.09	$0.05	$0.00	$0.00	$5.84	**$5.98**	**$10.15**
Standby	$1.99	$0.19							**$2.18**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25CJ004	P350	CO2 PELLETIZER, CREATES UP TO 772 LB/HR, 3MM-16MM DIA PELLETS	$92,553	Elec 8 HP		34

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$12.34	$0.59	**$12.93**	$0.74	$0.40	$0.00	$0.00	$18.09	**$19.23**	**$32.16**
Standby	$6.17	$0.59							**$6.76**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.40 CO2 BLASTERS

COLD JET

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$29,857	Elec 1 HP		3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$3.98	$0.19	**$4.17**	$0.09	$0.05	$0.00	$0.00	$5.84	**$5.97**	**$10.14**
Standby	$1.99	$0.19							**$2.18**	

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$30,749			4

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.00	$0.20	**$2.20**	$0.00	$0.25	$0.00	$0.00	$1.44	**$1.69**	**$3.89**
Standby	$1.00	$0.20							**$1.20**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W25 WATER & CO2 BLASTERS

W25 0.50 WET ABRASIVE BLASTING SYSTEM (TORBO)

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W25XX031	TORBO XL320	WATER BLASTER, WET ABRASIVE BLASTER, 11.3 CF TANK CAP, 170 PSI, (INCLUDES HOSES & NOZZLE, ADD 385 CFM AIR COMPRESSOR)	$42,068			7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.73	$0.28	**$3.01**	$0.00	$0.25	$0.00	$0.00	$1.97	**$2.22**	**$5.23**
Standby	$1.37	$0.28							**$1.65**	

W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W30KI007	KPT-100	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 10,000 GAL, 10" PIPE	$61,085	Gas 5.5 HP		170

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.19	$0.37	**$4.56**	$1.34	$0.15	$0.67	$0.10	$3.68	**$5.94**	**$10.50**
Standby	$2.10	$0.37							**$2.47**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W30 WATER TANKS

W30 0.10 PORTABLE WITH WHEELS

KLEIN PRODUCTS, INC.

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W30KI008	KPT-120	WATER TANK, PORTABLE, TRAILER MTD, SELF ELEVATING, 12,000 GAL, 10" PIPE	$61,500	Gas 5.5 HP		185

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$4.22	$0.37	**$4.59**	$1.34	$0.15	$0.67	$0.10	$3.71	**$5.97**	**$10.56**
Standby	$2.11	$0.37							**$2.48**	

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX020	GAS 140 AC-CC	WELDER, ENGINE DRIVEN, GAS, AC, 140 AMP, 4 KW, PORTABLE, SKID MTD	$2,228	Gas 9 HP		2

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.21	$0.01	**$0.22**	$2.68	$0.28	$0.00	$0.00	$0.24	**$3.20**	**$3.42**
Standby	$0.11	$0.01							**$0.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX021	GAS 225 DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC, 225 AMP, 10.5 KW, PORTABLE, SKID MTD	$4,039	Gas 23 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.38	$0.03	**$0.41**	$6.84	$0.71	$0.00	$0.00	$0.44	**$8.00**	**$8.41**
Standby	$0.19	$0.03							**$0.22**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX022	GAS 250 AC/DC-CC/CV	WELDER, ENGINE DRIVEN, GAS, AC/DC-CC/CV, 250 AMP, 11 KW, TRAILER MTD	$7,176	Gas 23 HP		6

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.65	$0.05	**$0.70**	$6.84	$0.71	$0.04	$0.01	$0.77	**$8.36**	**$9.06**
Standby	$0.33	$0.05							**$0.38**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.10 ENGINE DRIVEN

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX023	DIESEL 325 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 325 AMP, 12 KW, SKID MTD	$11,692	D-Off 24.8 HP		7

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.10	$0.07	**$1.17**	$4.30	$0.45	$0.00	$0.00	$1.29	**$6.03**	**$7.20**
Standby	$0.55	$0.07							**$0.62**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX024	DIESEL 450 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 450 AMP, 12 KW, SKID MTD	$18,528	D-Off 24.7 HP		11

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.74	$0.12	**$1.86**	$4.28	$0.45	$0.00	$0.00	$2.04	**$6.76**	**$8.62**
Standby	$0.87	$0.12							**$0.99**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35XX025	DIESEL 500 DC	WELDER, ENGINE DRIVEN, DIESEL, DC, 500 AMP, 15 KW, SKID MTD	$26,970	D-Off 49 HP		18

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$2.53	$0.17	**$2.70**	$8.49	$0.88	$0.00	$0.00	$2.96	**$12.34**	**$15.04**
Standby	$1.27	$0.17							**$1.44**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35LC012	IDEAL ARC R3R-400	WELDER, ELECTRIC DRIVEN, 400 AMP, STICK	$8,310	Elec 35 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.11	$0.05	**$1.16**	$1.39	$0.60	$0.00	$0.00	$0.81	**$2.80**	**$3.96**
Standby	$0.56	$0.05							**$0.61**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35LC013	IDEAL ARC R3R-500	WELDER, ELECTRIC DRIVEN, 500 AMP, STICK	$9,772	Elec 41 HP		5

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$1.30	$0.06	**$1.36**	$1.62	$0.70	$0.00	$0.00	$0.95	**$3.28**	**$4.64**
Standby	$0.65	$0.06							**$0.71**	

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35LC018	SP-180C MIG	WELDER, ELECTRIC DRIVEN, 30-180 AMP, WIRE FEEDER	$1,670	Elec 5 HP		1

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.22	$0.01	**$0.23**	$0.20	$0.09	$0.00	$0.00	$0.16	**$0.45**	**$0.68**
Standby	$0.11	$0.01							**$0.12**	

* - Adjustable Elements

Hourly Equipment Ownership and Operating Expense

W35 WELDERS

W35 0.20 ELECTRIC DRIVEN

LINCOLN ELECTRIC COMPANY

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type Main	Carrier	CWT
W35LC021	Tomahawk 1000	WELDER, ELECTRIC DRIVEN, 60 AMP, PLASMA CUTTER WITH 25' HAND TORCH	$2,863	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**	$0.79	$0.34	$0.00	$0.00	$0.28	**$1.41**	**$1.81**
Standby	$0.19	$0.02							**$0.21**	

NO SPECIFIC MANUFACTURER

SourceTag	Model	Equipment Description	Value TEV 7/1/2019	Engine Horsepower and Fuel Type 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)	$5,057			3

Condition	Depreciation*	FCCM*	Total Ownership	Fuel*	FOG	Tire Wear	Tire Repair	Repair	Total Operating	Total Hourly Rate
Average	$0.67	$0.03	**$0.70**	$0.00	$68.97	$0.00	$0.00	$0.49	**$69.46**	**$70.16**
Standby	$0.34	$0.03							**$0.37**	

* - Adjustable Elements

Equipment Age Adjustment Factors for Ownership Cost

Region: 2			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	.87										
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	.84										
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:	2		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	.84											
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	.84											
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:	2		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	.94										
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: 2		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	1.22	1.10	1.03	1.00	.94	.92												
C25	.30	MATERIAL/TOPPING SPREADERS	1.22	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:	2		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	.87						
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	.82			
C85	.11	DRAGLINE, CLAMSHELL, 0 THRU 1.0 CY		1.16	1.07	1.01	1.00	.93	.95	.94	.93	.92	.90								
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	.86						
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	.81			
C85	.21	LIFTING, 0 THRU 25 TON		1.16	1.07	1.01	1.00	.93	.95	.94	.94	.92	.90	.88	.86						

Equipment Age Adjustment Factors for Ownership Cost

Region: 2			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	.82			
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	.81		
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	.87						
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	.81			
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	.90								
D10	.20	DRILLS, HYDRAULIC TRACK (Add cost for drill steel and bit wear)		1.13	1.04	1.00	1.00	.98	.97	.96	.95										
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	.95										

Equipment Age Adjustment Factors for Ownership Cost

Region: 2			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	.95											
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	.95											
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	.95											
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	.91									
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	.91									
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	.91											
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	.95											

Equipment Age Adjustment Factors for Ownership Cost

Region:	2		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	.89								
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	.92										
H13	.12	COMPACTORS (Compression force) OVER 50 TONS		1.19	1.08	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	.91										
H13	.22	FILTER PRESSES, MOBILE		1.18	1.08	1.02	1.00	.95	.94	.93	.92										
H13	.30	CENTRIFUGES		1.19	1.09	1.02															
H13	.40	SHREDDERS		1.18	1.08	1.02	1.00	.95	.94	.93	.92										
H13	.51	SOIL TREATMENT PLANT, MOBILE		1.18	1.08	1.02	1.00	.95	.94	.93	.92										
H13	.61	SLUDGE PROCESSING EQUIP, SLUDGE DISPENSERS		1.18	1.08	1.02	1.00	.95	.94	.93	.92										
H13	.71	WASTE HANDLING EQUIPMENT, DRUM HANDLING		1.18	1.08	1.02															

Equipment Age Adjustment Factors for Ownership Cost

Region:	2		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	.93											
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	.90								
H25	.14	OVER 160,000 LBS		1.17	1.07	1.01	1.00	.93	.95	.94	.93	.91	.90	.87	.86	.82	.83				
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: 2		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	.93										
H35	.11	DIESEL, 0 CY THRU 5.0 CY	1.16	1.07	1.01	1.00	.93	.95	.94	.93	.92	.90								
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	.90										
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	.91										
L35	.00	LOADERS, FRONT END, CRAWLER TYPE	1.19	1.07	1.03	1.00	.93	.92	.91	.90										
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: 2			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	.89								
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	.89										
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	.92										
M10	.11	AQUATIC MAINTENANCE		1.12	1.05	1.02	1.00	.97	.96	.95	.94										
M10	.12	AQUATIC MAINTENANCE ATTACHMENTS		1.13	1.06	1.02	1.00	.97													

Equipment Age Adjustment Factors for Ownership Cost

Region:	2		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	.89							
M10	.22	HYDRAULIC CUTTERHEAD DREDGE,8" - 12",TRANSPORTABLE	1.12	1.05	1.02	1.00	.98	.96	.95	.94	.93	.91	.90	.89							
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							
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	.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	.80				
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	.85	.81	.78	.74	.71	

Equipment Age Adjustment Factors for Ownership Cost

Region:	2		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	.88						
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	.75	.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:	2		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: 2			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: 2			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	.91											
R20	.00	ROLLERS, STATIC, TOWED, STEEL DRUM	1.22	1.12	1.03	1.00	.97	.94	.93	.91											
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	.92											
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: 2			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	.93										
S10	.02	OVER 200 HP		1.16	1.07	1.02	1.00	.92	.95	.94	.93	.91	.89								
S15	.00	SCRAPERS, CONVENTIONAL		1.14	1.06	1.02	1.00	.93	.95	.95	.93	.91	.89	.86							
S20	.00	SCRAPERS, TANDEM POWERED		1.14	1.06	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	.91									
S30	.10	CONVEYORS		1.17	1.07	1.02	1.00	.95	.94	.93	.92										
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	.69
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	.69
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	.69
S30	.30	SCREENING PLANT		1.17	1.07	1.02	1.00	.95	.94	.93	.92										
S35	.00	SNOW REMOVAL EQUIPMENT		1.19	1.09	1.02	1.00	.95	.94												

Equipment Age Adjustment Factors for Ownership Cost

Region: 2		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	.93										
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	.90										
T15	.01	0 THRU 225 HP	1.22	1.08	1.03	1.00	.92	.91	.90	.88										
T15	.02	226 HP THRU 425 HP	1.20	1.07	1.03	1.00	.93	.91	.91	.89	.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	.92										
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: 2			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	.92											
T45	.20	END / SIDE DUMP	1.17	1.07	1.02	1.00	.95	.94	.93	.92											
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	.92											

Equipment Age Adjustment Factors for Ownership Cost

Region:	2		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	.92										
T45	.60	MISCELLANEOUS / UTILITY		1.17	1.07	1.02	1.00	.95	.94	.93	.92										
T45	.70	WATER TANKER TRAILER		1.21	1.09	1.02	1.00	.94	.93	.92	.91										
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	.91										
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	.93										
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	.86								
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	.79			

Equipment Age Adjustment Factors for Ownership Cost

Region: 2		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	.91										
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	.82						
T65	.50	ROCK BOLTING EQUIPMENT	1.19	1.09	1.02	1.00	.95	.94	.93	.91										
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.19	1.08	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: 2		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	.91										
T65	.70	LOCOMOTIVES	1.19	1.08	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	.91										
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	.89										
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:	2		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:	2	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	.87	.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	1.19	1.10	1.03	1.00	.94	.89	.87	.87	.85	.83	.79	.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	.66	.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	.66
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:	2	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	.87	.84	.84	.81	.79	.77	.74	.74	.71	.67	.65	.61
B10	.20	CONCRETE	1.27	1.14	1.03	1.00	.93	.88	.87	.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	.90	.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	.90	.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:	2	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:	2	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	.69	.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	.69	.65
C25	.25	VIBRATORY LASER SCREED	1.22	1.10	1.02	1.00	.94	.93	.92	.90	.89	.86	.83	.78	.74	.74	.71	.67	.64	.60
C25	.30	MATERIAL/TOPPING SPREADERS	1.22	1.10	1.02	1.00	.94	.93	.92	.90	.89	.86	.83	.78	.74	.74	.71	.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	.69	.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	.69	.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	.90	.87	.83	.80	.80	.77	.75	.73	.69

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.82	.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	.82	.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	.85	.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	.84	.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	.85	.82	.81	.80	.75

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.82	.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	.85	.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	.85	.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)	1.12	1.03	1.00	1.00	.98	.97	.96	.95	.93	.91	.89	.86	.82	.81	.78	.72	.66	.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	.59

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.59
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	.59
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	.65	.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	.59
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	.59
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:	2	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	.72	.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	1.08	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	.86	.81	.78	.78	.75	.72	.70	.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	.72	.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:	2	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	.75	.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	.92	.90	.88	.86	.83	.83	.80	.79	.78	.72
H25	.14	OVER 160,000 LBS	1.16	1.07	1.01	1.00	.93	.95	.94	.94	.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:	2	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	1.08	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	1.16	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	.84	.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:	2	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	.72	.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	.85	.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	.75	.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	.91	.89	.86	.81	.78	.78	.75	.73	.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:	2	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	1.08	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	1.11	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	1.11	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	1.11	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:	2	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	.90	.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	.77	.73	.70

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.92	.90	.89	.87	.85	.82	.79	.75	.73
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	1.08	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	1.08	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	1.08	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	.91	.90	.89	.85	.80	.77	.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:	2	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:	2	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:	2	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	.82	.79	.78	.76	.71	.67	.63
R30	.02	SMOOTH DRUM	1.20	1.11	1.02	1.00	.98	.94	.94	.92	.90	.86	.84	.82	.79	.79	.76	.71	.68	.64
R30	.03	TAMPING FOOT, LANDFILL & SOIL COMPACTORS	1.22	1.12	1.02	1.00	.97	.94	.93	.91	.89	.86	.83	.81	.78	.77	.74	.70	.66	.62
R40	.00	ROLLERS, VIBRATORY, TOWED	1.22	1.12	1.02	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	1.02	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	.93	.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	.72	.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	.65	.64	.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	.65	.64	.60

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.94	.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	.94	.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	.72	.67	.64	.63	.60
S45	.00	SPLITTERS, ROCK & CONCRETE	1.19	1.08	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	.67	.65	.61

Equipment Age Adjustment Factors for Standby Cost

Region:		2	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		1.19	1.07	1.03	1.00	.93	.92	.91	.90	.89	.88	.84	.79	.75	.75	.72	.69	.67	.64
T15	.03	OVER 425 HP		1.18	1.06	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	.68	.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	.90	.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:	2	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	.94	.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	.94	.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	.90	.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	.94	.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	.94	.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	.94	.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	.90	.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:	2	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	.90	.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	.79	.75	.73	.69
T56	.30	WAGONS, REAR DUMP	1.16	1.08	1.02	1.00	.95	.92	.90	.89	.87	.85	.84	.82	.81	.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	.72	.69	.65
T60	.00	TRUCKS, WATER, OFF-HIGHWAY	1.16	1.08	1.02	1.00	.95	.92	.90	.89	.87	.85	.84	.82	.81	.80	.78	.75	.73	.68

Equipment Age Adjustment Factors for Standby Cost

Region:	2	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	.64
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	.83	.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	.72	.69	.65
T65	.61	LOADING & HAULING EQUIPMENT, DIESEL OR GAS	1.19	1.08	1.02	1.00	.95	.94	.93	.92	.90	.88	.86	.81	.78	.78	.75	.72	.70	.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	.90	.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	.86	.81	.78	.78	.75	.72	.70	.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	.72	.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:	2	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	1.08	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	.86	.82	.77	.73	.73	.69	.65	.62	.58
W30	.10	PORTABLE WITH WHEELS	1.17	1.08	1.02	1.00	.95	.92	.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	.92	.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	1.08	1.02	1.00	.95	.94	.93	.91	.90	.88	.85	.81	.77	.77	.74	.71	.69	.65

Area Factors

Region: 2 MIDEAST

Total State Sales or Import Tax Rate:	5.95%	
Working Hours Per Year (WHPY):	1,410	hrs/yr
Labor Adjustment Factor (LAF):	1.02	
Electricity Cost Per Kilowatt-Hour:	$0.132	/kW-Hr
Gasoline Cost Per Gallon:	$4.13	/gal
*Diesel Cost Per Gallon (Off-Road Use):	$4.56	/gal
*Diesel Cost Per Gallon (On-Road Use):	$5.45	/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:	$4.23	/gal
DEF Usage Rate:	5.000%	

Freight Rates

over	0	cwt	thru	240	cwt	=	$27.64
over	240	cwt	thru	300	cwt	=	$20.78
over	300	cwt	thru	400	cwt	=	$17.42
over	400	cwt	thru	500	cwt	=	$15.25
over	500	cwt	thru	700	cwt	=	$17.78
over	700	cwt	thru	800	cwt	=	$15.23
over	800	cwt				=	$5.22

*DEF Included at DEF Usage Rate Listed