



# Tool & Equipment Rental Guide 2021–2022

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## About this Guide

The Tool and Equipment Rental Guide is a comprehensive, current guide to cost recovery for equipment used by mechanical, electrical, line, and other contractors. The rates in this guide are intended as guidelines paralleling amounts an equipment owner should charge during rental or contractual periods to recover equipment-related costs on a single-shift (8-hour) basis.

These rates are derived from cost formulas and data developed by EquipmentWatch and from analytic methods used in the construction industry. Generally, these methods consider purchase price, depreciation, maintenance and overhaul costs, indirect equipment costs, and average annual use hours. Specific market conditions, such as local supply and demand, are not considered in these calculations. **These rates are not a tabulation of rates being charged nationally.** They do not reflect rates charged by rental companies except by coincidence. Recognizing that costs may vary considerably from state to state, a Regional Rate Adjustment Table\* is provided. The publication of these rates is not intended to influence the equipment rental market as a whole. To enter into agreement, combination, understanding, or action with any person or party with intent to establish rental rates at specific levels in this or any other publication may constitute a violation of Fair Trade Practices and be subject to prosecution.

This publication is designed to provide accurate and authoritative information in regard to the subject matter covered. It is sold with the understanding that the publisher is not engaged in rendering legal or accounting services. While all efforts have been made to assure total accuracy, the variable nature of the information and informational sources precludes any warranties of specific accuracy in any specific instance.

### About EquipmentWatch

EquipmentWatch is the trusted source for heavy equipment data and intelligence. EquipmentWatch produces the leading database information products for the construction equipment industry and is the world leader in independent, third-party heavy equipment research serving more than 15,000 professional, high-volume users of construction, ag, and lift/access data. The EquipmentWatch products are valuable tools in decisions surrounding the purchase, valuation, operation, and disposal of equipment.

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For more than 60 years, EquipmentWatch has served contractors, equipment manufacturers, dealers, rental companies, lenders, insurers, and government agencies involved in heavy civil construction. EquipmentWatch owns The Rental Rate Blue Book. For more information, visit [www.equipmentwatch.com](http://www.equipmentwatch.com).

## Rate Structure: Definitions and Methodology

Rental rates in this guide are based on ownership and operating costs for contractor owned equipment. The term “rental” does not refer to third-party contracts for the use of equipment. Profit, project overhead, and general company overhead costs such as office facilities and supplies are not included in the rates shown in this guide.

### Ownership Costs

- a. **Depreciation Costs.** Depreciation in this guide is a straight line, even accrual of funds over an established economic life to offset the original purchase price of a machine, tool, or any other piece of equipment. As applied in this context, it is not to be confused with other methods of determining depreciation for taxation or other accounting purposes.
- b. **Indirect Equipment Costs.** Allowances are made for indirect costs that result directly from equipment ownership. These costs may include such costs as normal risk insurance, property taxes, mechanics’ and administrative supervision, storage, licenses, and record keeping costs.
- c. **Cost of Facilities Capital.** Cost of facilities capital (CFC), which is similar to but not exactly the same as interest charges, is an allowance for the cost of money invested in equipment, whether the equipment is purchased in cash or financed over time.
- d. **Major Overhaul.** The ownership rates in this guide include an allowance for major overhaul costs necessary to keep a machine functional throughout its economic life. This allowance covers the periodic rebuilding of engines, motors, transmissions, undercarriages, and other major equipment components.

The life-cycle ownership costs—depreciation, indirect costs, cost of facilities capital, and major overhaul—are annualized and then adjusted to reflect an average annual working season to obtain a monthly rental rate. Weekly and daily rates are then derived from the monthly rental rate. Rates for shorter use periods are increased to account for lost

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availability and productivity during shorter use periods.

## Overtime Guide

An industry practice in calculating rental rates for periods in excess of the base rate used for the job duration (daily, weekly, or monthly) is to use 1/8 of the daily rate, 1/40 of the weekly rate, or 1/176 of the monthly rate for each hour in excess of the base, but short of the next longer base duration.

## Operating Costs

Operating costs include the following items:

- a. The cost of labor and parts needed for routine, daily servicing of the equipment. This includes repairing and/or replacing small components such as pumps, carburetors, injectors, belts, filters, gaskets, and worn lines.
- b. The cost of operating expendables. These include fuel, computed in accordance with horsepower, average load factors, and the price of fuel; lubrications, including filters, oil, and grease, as well as the labor and the lube truck involved in lubrication; tires; and ground engaging components, including pads, blades, bucket teeth, etc. Tire costs are calculated by average tire life factors and take into consideration typical discounts from list prices. Electricity costs are not included.
- c. The cost of extraordinary operating expendables may not be included in all operating expenses. Certain ground engaging components, such as hammer and drill bits, drill steel, augers, saw blades, and tooth-bits, are normally excluded from the operating costs because of their highly variable wear patterns. It is recommended that these costs be recovered separately. A list of typical expendable items is provided in Appendix III.

*Operator's wages are not included in the operating costs.*

Trade Names, where used, are for descriptive purposes only. Please note that where manufacturer's names and numbers are listed, it is only for better identification of the style and capacity of the equipment, and "equal" may be inferred.

## 2021 Changes

In the 2021 edition of the Tool and Equipment Rental Guide, the EquipmentWatch team consolidated the most recent editions of guides published for MCAA, NECA, and SMACNA together into one guide. In this consolidation, we first identified which items were unique to or shared by the organizations. We then calculated rental rates based on factors that affect ownership and operating rates specific to each type of equipment.

## FAQs about the 2021 Guide Changes

**Q: If I'm going from a previous guide by MCAA, NECA, or SMACNA, has anything changed about the rates being shown?**

A: For MCAA – The rates given are the same as previous years.

For NECA – The rates given to NECA were the same as in the current guide: Daily Ownership & Operating, Weekly Ownership & Operating, Monthly Ownership & Operating. However, NECA's rate did not account for consumables (e.g.: fuel, lube, ground engaging components) or fees for delivery / field repairs. The new rates include all of these, except for electricity.

For SMACNA – In the guides given to SMACNA, the rates given included: Monthly Ownership, Weekly Ownership, Daily Ownership, Hourly Ownership, and Operating Cost / hr. The new guide gives: Daily Ownership & Operating, Weekly Ownership & Operating, Monthly Ownership & Operating.

**Q: Why did rates for some items change so much?**

A: The construction industry has experienced some dramatic changes and fluctuations in asset availability, pricing, and usage as a result of the COVID-19 Pandemic. Therefore, the market data EquipmentWatch uses to calculate factors affecting Ownership and Operating rates have been impacted more suddenly than in previous revisions. We have also expanded our data sources to calculate factors that have impacted rates, resulting in larger than normal variances in some factors like annual use hours.

**Q: If an item from a previous guide saw a large change in this edition, does that mean the rate changed that much? Or was the previous rate incorrect?**

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A: If a user's own usage situation with the item has remained unchanged, then their own rental rate for that item also would not have changed much. The changes to some items' rates have been made to reflect changes that we observed in the market and should be treated as an average.

**Q: Should we consider the Estimated Original Prices provided in this year's edition of the guide definitive?**

A: Not necessarily. Much like the rates provided, there is a lot of potential variation in item pricing. This can be observed in a small number of cases where smaller items have slightly higher original prices than larger items of the same item type. The price provided is intended to supply the user with the basis we calculated the rental rate from, and if the user's purchase price is different, it can impact their rate.

**Q: Why did a small number of items from a previous guide book not appear in this year's guide?**

A: In many of these cases, we couldn't verify through our research and analysis that the factors affecting ownership and operating costs such as typical economic life, annual usage, or typical repair costs for the life of the machine still were accurate. Because of that, we were unable to determine a rental rate for those items.



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# TOOL AND EQUIPMENT RENTAL GUIDE

## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 1: AERIAL LIFTS

#### A. Electric Self Prop Telescopic Boom Aerial Lifts

to 20'	19,200.00	68.26	284.23	1,061.79
31 to 40'	34,332.00	179.19	756.36	2,866.17
21 to 30'	52,337.00	210.18	872.35	3,247.70
41 to 60'	139,883.00	762.19	3,241.20	12,376.49

#### B. Electric Self Propelled Scissor Lifts

13 to 15'	14,760.00	57.91	247.75	951.78
13 to 15'; Narrow	15,947.00	61.20	261.15	1,000.66
19' to 24'	13,271.00	53.78	230.93	890.45
31 to 40'	49,979.00	154.62	643.69	2,404.20
41' and over	73,200.00	226.62	934.92	3,456.82

#### C. Electric Self-Propelled Articulating Aerial Lifts

to 20'	16,052.00	61.25	257.10	968.70
21 to 30'	58,013.00	177.00	735.01	2,736.87
31 to 40'	73,406.00	256.14	1,060.94	3,941.22
41 to 50'	82,688.00	284.89	1,182.10	4,399.45

#### D. I.C. Self Propelled Scissor Lifts

##### *Diesel*

to 20'; Rough Terrain	24,450.00	101.10	431.81	1,656.20
21 to 30'; Rough Terrain	50,464.20	175.04	736.21	2,779.60
31 to 40'; Rough Terrain	67,908.90	245.01	1,032.02	3,902.27
41 to 50'; Rough Terrain	82,380.10	306.87	1,287.41	4,847.73
51' and over; Rough Terrain	95,806.00	360.11	1,502.55	5,623.62

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### ***Gasoline***

21 to 30'; Rough Terrain	49,164.20	181.54	764.41	2,889.37
31 to 40'; Rough Terrain	63,511.90	249.03	1,063.83	4,080.95
41 to 50'; Rough Terrain	81,880.10	321.26	1,360.38	5,172.08

## E. I.C. Self Propelled Telescopic Boom Aerial Lifts

### ***Diesel***

to 40'	102,489.00	448.42	1,865.63	6,963.36
41 to 50'	112,418.00	514.99	2,141.95	7,992.23
60 to 70'	175,485.00	749.90	3,117.05	11,622.90
71 to 80'	171,975.00	875.99	3,644.73	13,604.75
81 to 90'	215,304.00	997.86	4,145.57	15,449.31
91 to 100'	234,088.00	1,045.71	4,358.38	16,298.32
101' to 120'	388,232.00	1,422.16	5,882.34	21,818.62

### ***Gasoline/LPG***

to 40'	102,489.00	434.42	1,792.05	6,625.36
41 to 50'	112,418.00	511.37	2,107.46	7,783.40
60 to 70'	175,485.00	749.27	3,088.07	11,405.79
71 to 80'	171,975.00	848.79	3,508.76	13,006.46
81 to 90'	215,304.00	1,000.34	4,126.27	15,254.14
91 to 100'	234,088.00	1,050.93	4,345.42	16,106.31
101' to 120'	388,232.00	1,419.28	5,867.97	21,755.37

## F. I.C. Self-Propelled Articulating Boom Aerial Lifts

### ***Diesel***

21 to 30'	38,591.00	178.68	750.51	2,828.61
31 to 40'	75,241.00	308.75	1,275.84	4,725.77
41 to 50'	76,980.00	343.06	1,430.51	5,352.10
51 to 60'	171,316.00	634.54	2,637.75	9,836.43
61 to 70'	189,177.00	678.87	2,817.42	10,488.20
71 to 80'	167,346.00	645.13	2,680.55	9,991.23

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

101' to 120'	315,435.00	898.29	3,733.64	13,921.23
125'	363,638.00	1,165.59	4,801.47	17,730.79

### **Gasoline**

21 to 30'	38,591.00	177.05	747.32	2,831.90
31 to 40'	75,241.00	302.42	1,252.48	4,652.03

### **Gasoline/LPG**

41 to 50'	76,980.00	333.21	1,372.19	5,063.65
51 to 60'	171,316.00	628.83	2,587.33	9,538.76
61 to 70'	189,177.00	675.17	2,776.47	10,229.85
71 to 80'	167,346.00	606.97	2,491.82	9,167.69
100' to 120'	315,435.00	952.24	3,899.13	14,304.53
125'	363,638.00	1,127.84	4,610.31	16,875.26

## G. Insulated Bucket Trucks

### **Gasoline**

to 50'	104,633.40	374.90	1,656.23	6,565.38
51' to 60'	116,810.00	400.90	1,765.13	6,974.77
61' to 75'	168,660.00	635.54	2,828.69	11,291.72

### **Diesel**

76' to 95'	251,732.00	712.63	3,061.58	11,811.82
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## H. Push Around Scissor Lifts

### **Electric**

to 20'	10,863.72	48.04	207.49	804.61
21 to 30'	23,327.39	86.30	364.26	1,379.91
31 to 40'	24,821.21	89.93	380.74	1,446.78

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### I. Push Around Telescopic Boom Aerial Lifts

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
to 20'	12,232.00	52.98	221.68	832.13
21 to 30'	12,229.00	110.52	467.81	1,777.42
31 to 40'	11,984.00	126.62	541.98	2,082.65

## SECTION 2: AIR COMPRESSORS

### A. Portable Reciprocating Air Compressors

#### *Gasoline*

	Est. Price \$	Day \$	Week \$	Month \$
to 20 cfm	1,650.00	42.09	192.99	791.38
21 to 36 cfm; Trailer Mounted	2,791.00	47.32	217.26	891.89
37 to 60 cfm; Trailer Mounted	7,625.00	73.14	338.30	1,397.88
61 to 85 cfm; Trailer Mounted	9,395.00	86.88	404.05	1,677.46

### B. Portable Rotary Screw Air Compressors

#### *Diesel*

	Est. Price \$	Day \$	Week \$	Month \$
to 80 cfm	15,515.00	92.46	403.45	1,580.12
90 cfm	26,169.00	118.14	513.35	2,002.89
100 cfm	27,107.00	122.19	531.28	2,074.14
101 to 125 cfm	27,698.00	147.65	643.74	2,519.82
126 to 160 cfm	29,241.00	163.78	721.00	2,848.57
161 to 175 cfm	29,524.00	178.26	792.61	3,161.05
186 to 250 cfm	41,173.00	254.76	1,113.67	4,370.37
251 to 300 cfm	53,523.00	318.09	1,401.24	5,539.50
301 to 375 cfm	53,968.00	312.24	1,371.25	5,405.19
376 to 450 cfm	75,680.00	392.48	1,722.84	6,787.91
451 to 600 cfm	85,237.00	539.35	2,405.89	9,623.70
601 to 750 cfm	89,700.00	549.99	2,449.90	9,786.94
751 to 900 cfm	103,391.00	671.36	2,984.93	11,903.45
901 to 1200 cfm	153,016.00	955.59	4,314.33	17,449.41
1201 to 1400 cfm	186,781.00	990.45	4,412.09	17,626.43
1401 cfm and over	200,071.00	1,024.20	4,551.50	18,142.68

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### **Gasoline**

to 80 cfm	8,883.00	84.06	377.47	1,518.84
81 to 100 cfm	14,123.40	121.28	555.49	2,275.80
126 to 160 cfm	15,193.30	132.35	606.84	2,488.42
101 to 125 cfm	14,411.90	135.65	625.01	2,573.86
161 to 175 cfm	15,923.30	165.55	771.25	3,206.65
181 to 249 cfm	41,173.00	231.09	1,031.54	4,128.10
251 to 300 cfm	53,523.00	312.78	1,409.56	5,690.54
301 to 375 cfm	53,598.00	302.53	1,358.11	5,463.56

## C. Tank Mounted Air Compressors

### **Electric**

to 15 cfm; 3 to 5 hp	6,787.43	12.41	52.62	200.25
15 to 25 cfm; 6 to 8 hp	7,628.65	13.95	59.19	225.54
26 to 35 cfm; 9 to 11 hp	8,438.40	15.89	67.88	260.43
40 to 60 cfm; 12 to 15 hp	11,566.20	22.89	98.13	377.76
56 - 83 cfm; 17 to 20 hp	14,719.20	29.81	128.28	495.81
84 cfm and over; 21 hp and over	15,383.20	30.83	132.53	511.70

## SECTION 3: AIR TOOLS

### A. Air Drills

3/8"	143.66	4.28	18.37	70.74
3/8"; Reversing	222.31	4.70	20.05	76.83
1/2"; Reversing	263.86	4.91	20.93	80.05
1/4 to 1/2"	383.13	5.54	23.47	89.28
7/8"	2,589.99	17.13	70.52	260.16
1-1/4"	2,739.96	21.03	86.16	316.20

### B. Asphalt Cutter

5"; Asphalt Cutter	516.70	5.87	24.86	94.51
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## C. Blow Pipe

	20.35	5.58	24.73	98.24
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## D. Chipping Hammers Rivet Busters

Chipper	185.00	3.47	14.67	55.60
Rivet, Medium Duty	265.00	4.03	16.90	63.66
Rivet, Heavy Duty	695.00	6.99	28.89	107.04

## E. Chisel Point

	181.62	2.84	12.61	50.27
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## F. Clay Diggers

to 25 lb	885.44	8.37	36.11	139.94
26 to 30 lb	890.62	8.38	36.18	140.19
31 lb and over	1,004.53	8.75	37.68	145.71

## G. Clay Spades

5.5"	2,640.00	17.79	73.26	270.46
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## H. Grease Guns

	40.00	0.60	2.88	12.33
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## I: Grinders And Sharpeners

Bench Type	197.59	2.98	13.20	52.38
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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Hand-Held	260.00	3.55	15.48	60.62
Straight	497.03	5.69	24.14	91.91
Vertical	1,719.53	16.76	68.83	253.30
Pneumatic Wire Stripper	2,895.00	27.39	111.79	408.47

## J. Hand-Held Pavement Breakers

to 40 lbs	1,697.28	12.89	54.47	206.67
41 to 55 pound	1,151.00	9.69	41.53	159.79
56 to 70 pound	1,606.10	12.59	53.26	202.29
80 to 90 pound	1,559.61	11.08	47.19	180.53

## K. Hand-Held/Hand Truck Mounted Scabblers

Single Pistons	230.00	6.52	28.55	112.17
3 Head Wall	610.00	8.21	35.42	137.21
5 Head Floor	5,765.00	68.46	287.45	1,082.97

## L. Hoses

1/2 to 5/8" diameter, 25' length	173.66	1.75	7.05	25.28
3/4" diameter, 25' length	233.10	2.35	9.46	33.93
1" diameter, 50' length	335.39	3.39	13.61	48.82
1-1/4" diameter, 50' length	457.83	4.63	18.57	66.64
1-1/2"	994.74	10.05	40.36	144.79
2"	1,301.65	13.15	52.81	189.46
100'; Allegro 9101-100B High Pressure Breathing Air Hose	257.00	2.60	10.43	37.41

## M. Line Oilers

	56.45	0.57	2.29	8.22
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### N. Moil Points

	34.12	1.50	7.22	30.80
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### O. Nailers

Finishing	202.74	3.60	15.16	57.38
Roofing	281.06	4.14	17.35	65.28
Concrete	434.70	5.20	21.63	80.78
Framing	444.23	5.26	21.90	81.74

### P. Pneumatic Grinders

5 to 14 cfm; without Grinding Wheels	74.81	1.87	8.71	36.17
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### Q. Pneumatic Impact Wrenches

3/8" to 1/2"	336.48	4.98	21.21	81.14
3/4"	1,855.72	11.53	47.87	178.34
1 to 1-1/4"	3,200.63	20.43	83.91	308.81
1-1/4" to 1-3/8"; #5 Spline, torque Control	4,563.79	26.31	107.83	396.01
1-1/4" to 1-1/2"; #5 Spline, Reversible	4,052.99	24.11	98.87	363.33
1-3/8" to 1-1/2"	4,905.34	27.78	113.82	417.86

### R. Pneumatic Post Drivers

	2,465.00	16.44	68.94	259.42
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### S. Rotary Vane Air Pumps

2"	1,803.09	10.94	45.52	169.93
2.5"	2,853.03	15.32	63.38	235.09



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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## T. Scalers

	758.28	8.55	36.82	142.33
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## U. Sheet Driver With Shank

Sheet Driver with Shank	192.64	6.28	27.55	108.53
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## V. Sludge Air Pumps

2.5"	2,528.80	14.06	59.27	224.31
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## SECTION 4: COMPACTORS

### A. Hand Held Rammers

#### *Gasoline*

4" to 13"; 50 spm - 80 spm	4,490.24	47.63	197.03	730.98
13-1/2" to 17"; 350 spm - 700 spm	5,243.33	54.92	226.82	840.04
1/2"; Reversing	263.86	4.91	20.93	80.05
1/4 to 1/2"	383.13	5.54	23.47	89.28
7/8"	2,589.99	17.13	70.52	260.16
1-1/4"	2,739.96	21.03	86.16	316.20

### B. Hand Held Vibratory Plate Compactors

#### *Diesel*

21"	6,685.38	77.18	315.26	1,153.48
25"; 280 lbs	16,361.60	148.45	606.23	2,217.37
33"; 500 lbs	27,828.20	248.19	1,010.60	3,684.68

#### *Gasoline*

17"	2,280.98	25.77	108.55	410.52
21"	3,122.09	40.11	167.19	625.29

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
25"; 280 lbs	4,238.13	44.08	185.94	704.24
33"; 500 lbs	4,833.00	56.69	240.67	917.19

## SECTION 5: CONDUIT AND OTHER RACEWAY TOOLS

### A. Drophead Ratchet Threaders

	717.38	2.21	8.93	32.29
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### B. Duct Video Inspection Cameras

#### *Electric*

100'; on fiberglass duct rod	1,039.00	3.05	13.79	55.86
500'; on fiberglass duct rod	6,500.00	12.79	54.86	211.25

### C. Feeding Sheaves

#### *Manual*

2"; Feeding Sheave	353.17	1.09	4.39	15.90
2-1/2"; Feeding Sheave	400.95	1.23	4.99	18.05

#### *Hydraulic*

3"; Feeding Sheave	454.91	13.11	54.99	206.86
3-1/2"; Feeding Sheave	496.96	13.43	56.25	211.43
4"; Feeding Sheave	533.01	13.70	57.34	215.35
5"; Feeding Sheave	611.46	14.28	59.70	223.88
6"; Feeding Sheave	805.41	15.73	65.54	244.98

### D. Fiber Optic Stripping Tools

	34.19	0.11	0.43	1.54
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## E. Fiber Optic Termination Kits

	105.81	0.33	1.32	4.76
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## F. Fish Tape

125'	110.00	0.96	4.56	19.29
240'	175.02	1.10	5.13	21.36
240'; Small Diameter	87.00	0.91	4.36	18.55

## G. Geared Pipe Threaders

	2,631.99	8.43	34.89	129.42
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## H. Knockout Punches

### *Hydraulic*

1/2" to 2"; Hydraulic, Driver Only	744.99	2.50	10.79	41.75
1-1/2" to 4"; Hydraulic, Driver Only	1,419.54	4.12	17.30	65.26

### *Manual*

1/2" to 3"; Ratchet, Driver Only	50.25	1.13	5.50	23.75
1/2" to 1-1/4"; Manual Punches	600.39	2.26	9.75	37.71
1/2" to 1"; One Shot, Driver Only	2,547.39	8.83	37.51	142.96
1/2" to 4"; One Shot, Driver Only	4,852.78	17.33	73.96	283.35

## I. Oiler

	129.99	0.87	4.00	16.39
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## J. Pipe Saws

### *Electric*

Guillotine	3,250.00	24.53	111.88	456.61
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### K. Power Mules

#### *Electric*

Toledo Wheel Power Drive	1,399.99	6.28	26.56	100.84
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### L. Stock And Dies – Gear Threader

2-1/2" to 4"	2,631.99	12.57	52.41	195.94
2-1/2" to 6"	4,015.57	19.06	79.34	296.18

### M. Stock And Dies – Ratchet

1/2" to 1-1/4"	317.49	0.98	3.95	14.29
1/2" to 2"	830.32	2.55	10.33	37.37

### N. Stock And Dies – Three Way

3/8"; 1/2"; 1"	243.92	1.38	5.94	22.93
1/2"; 3/4"; 1"	284.81	1.57	6.74	25.89

### O. Tap & Die Sets

24pc	88.36	1.37	6.50	27.44
40pc Metric	171.87	1.76	8.13	33.49
45pc	321.20	2.46	11.03	44.31

### P. Threading Machines

#### *Electric*

E.g.: 700 Portable Powerdrive with Adapter	1,440.97	17.29	73.73	282.22
E.g.: Ridgid Model 300	7,014.30	35.14	146.13	544.97

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### Q. Wrenches

#### *Hydraulic*

2" to 4"	17,123.00	97.05	394.65	1,436.77
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#### *Manual*

1" to 5"; Strap Wrench	16.34	0.05	0.20	0.74
3" to 6"; Chain Wrench	327.57	1.01	4.08	14.74

## SECTION 6: CONNECTION AND SPLICING TOOLS

### A. Cable Cutters

#### *Manual*

1"; EMT Cutter	41.63	0.37	1.71	7.13
3"; EMT Cutter	318.95	1.22	5.16	19.62
Fibre Duct Cutter	111.89	0.34	1.39	5.04

#### *Hydraulic*

4"; EMT Cutter	574.99	8.46	34.76	127.86
to 350 MCM	403.68	6.79	27.77	101.69
to 1,000 MCM	2,044.43	20.77	84.43	307.17

### B. Cable Strippers

#### *Electric*

20V	419.00	7.00	30.48	119.09
Armored Cable Battery	850.00	8.41	36.21	139.89
Armored Cable	1,500.00	10.54	44.85	171.25

#### *Manual*

Twin	252.62	0.78	3.14	11.37
Adjustable	335.83	1.03	4.18	15.12
URD End	350.53	1.08	4.36	15.78
Set	503.94	1.55	6.27	22.68

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Aluminum Set	554.80	1.71	6.90	24.97
Copper Set	575.00	1.77	7.16	25.88
Mark 1 Kit	739.93	2.28	9.21	33.31
Mark 2 Kit	747.33	2.30	9.30	33.64

## C. Soldering Pots

### *Electric*

1 lb; 320 watts	393.29	1.47	6.20	23.44
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## D. Termination Tools

### *Hydraulic*

8 to 500 MCM; Hyd. Hand Pump; No Dies	492.85	13.40	56.13	210.98
8 to 1,000 MCM; Hyd. Hand Pump; No Dies	961.81	16.89	70.24	261.99
Cable Bender; Hydraulic	2,615.61	29.21	120.03	441.87
8 to 500 MCM; Hyd. Hand Operated; No Dies	2,943.53	31.65	129.90	477.54

### *Manual*

Dies, Hand Operated - Each	93.65	0.29	1.17	4.22
Dies, Hand Pump-Small, Each	93.65	0.29	1.17	4.22
Dies, Hand Pump-Large, Each	112.35	0.35	1.40	5.06
17 to 66 MCM; with Dies; for 8 to 2 ga. Wire	315.42	0.97	3.93	14.20
8 to 500 MCM; with Dies	479.15	1.47	5.96	21.57

## SECTION 7: CRANES

### A. All Terrain Hydraulic Cranes—Single Engine

#### *Diesel*

15 to 24.9 metric tons	281,115.00	865.82	3,717.24	14,331.80
25.0 to 34.9 metric tons	474,477.00	1,267.10	5,415.99	20,788.59

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### B. Cranes For Truck Mounting

#### *Hydraulic/PTO*

4 tons	11,000.00	77.59	328.59	1,249.46
7-1/2 tons	39,650.00	168.85	704.27	2,635.70
10 tons	45,750.00	192.22	804.25	3,019.77
15 to 18 tons	71,450.00	324.89	1,355.31	5,072.98
19 to 21 ton	85,984.00	350.08	1,458.59	5,452.42
25 tons	110,025.00	926.89	3,785.71	13,849.43
30 tons	110,025.00	926.89	3,785.71	13,849.43

### C. Crawler Mounted Lattice Boom Cranes

#### *Diesel*

to 25.9 metric tons	169,185.00	765.58	3,276.61	12,589.89
26 to 35.9 metric tons	609,286.00	1,725.83	7,238.84	27,251.65
36 to 40.9 metric tons	1,154,473.00	2,758.42	11,518.03	43,142.33
41 to 45.9 metric tons	1,699,660.00	3,867.87	16,111.10	60,209.65
46.0 to 50.9 metric tons	962,261.00	2,624.37	10,978.80	41,217.45
51.0 to 55.9 metric tons	1,693,770.00	4,012.03	16,693.32	62,313.08
56.0 to 67.9 metric tons	1,696,630.00	4,151.40	17,257.55	64,356.92
68.0 to 80.9 metric tons	1,693,770.00	4,271.94	17,746.33	66,130.72
81.0 to 107.9 metric tons	1,451,980.00	3,590.77	15,014.59	56,341.08
108.0 to 149.9 metric tons	1,814,230.00	4,398.34	18,345.84	68,661.07
150.0 to 200.9 metric tons	2,231,930.00	4,817.95	20,300.17	76,784.70

### D. Hydraulic Yard Cranes

#### *Diesel*

to 9.9 metric tons	155,054.00	538.80	2,155.19	8,148.94
10.0 to 16.9 metric tons	304,378.00	860.20	3,603.90	13,551.17
17.0 to 24.9 metric tons	445,547.00	1,124.48	4,711.89	17,720.33

#### *Gasoline*

to 9.9 metric tons	155,054.00	529.31	2,249.59	8,582.55
10.0 to 16.9 metric tons	304,378.00	894.82	3,773.63	14,282.44

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### E. Rough Terrain Hydraulic Cranes

#### *Diesel*

to 9.9 metric tons	92,720.00	416.02	1,778.13	6,824.89
17.0 to 24.9 metric tons	201,806.00	699.18	2,987.45	11,462.89
25.0 to 29.9 metric tons	226,639.00	795.07	3,388.18	12,965.52
10.0 to 16.9 metric tons	228,311.00	807.79	3,438.51	13,143.19
30.0 to 34.9 metric tons	303,256.00	975.53	4,182.15	16,100.83
35.0 to 39.9 metric tons	364,245.00	1,084.07	4,614.75	17,639.87
40.0 to 49.9 metric tons	398,572.00	1,113.86	4,795.07	18,537.20
50.0 to 65.9 metric tons	464,176.00	1,292.25	5,534.86	21,288.92
66.0 to 80.9 metric tons	610,872.00	1,666.92	7,123.90	27,340.17
81.0 metric tons and over	725,752.00	1,917.20	8,193.21	31,442.74

### F. Truck Mounted Hydraulic Cranes—Single Engine

#### *Diesel*

to 16.9 metric tons	349,239.60	1,020.73	4,391.78	16,964.55
17.0 to 24.9 metric tons	325,225.68	988.04	4,255.37	16,453.79
25.0 to 29.9 metric tons	401,092.81	1,119.18	4,838.46	18,778.78
30.0 to 34.9 metric tons	270,157.00	872.70	3,817.46	14,990.54
35.0 to 39.9 metric tons	590,485.00	1,554.78	6,645.64	25,501.43
40.0 to 49.9 metric tons	524,771.00	1,434.79	6,153.99	23,703.43
50.0 to 65.9 metric tons	519,812.00	1,440.73	6,182.41	23,824.36
66.0 to 80.9 metric tons	504,140.00	1,399.93	6,142.98	24,195.15
81.0 to 110.9 metric tons	742,164.00	1,844.75	8,019.05	31,298.68

### G. Truck Mounted Lattice Boom Cranes

#### *Diesel*

35.0 to 49.9 metric tons	615,154.00	1,391.19	5,869.56	22,232.24
50.0 to 74.9 metric tons	646,139.00	1,444.90	6,142.12	23,444.84
100.0 to 149.9 metric tons	1,176,190.00	2,203.25	9,373.89	35,812.20
150.0 to 199.9 metric tons	1,315,550.00	2,418.24	10,313.45	39,498.25
200.0 to 299.9 metric tons	1,823,800.00	3,218.52	13,701.17	52,374.29



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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 8: DRILLING EQUIPMENT

### A. Bench Drill Presses

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
1/2"	294.26	4.24	18.23	70.43
3/4"	949.68	7.54	31.66	119.27

### B. Continuous Production Drills—Hand Held

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
3/4"; Taper Spindle	1,037.82	16.01	66.09	244.61
1-1/4"; ExtraHD Taper Socket	1,124.99	16.84	69.44	256.64

### C. Cordless Drills

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
3/8"; Variable, Reversible	158.11	4.27	18.09	68.74
3/8"; 2-Spd, Reversible	327.36	5.75	24.02	90.07
1/2"; 2-Speed Variable	423.64	6.58	27.39	102.21
1/2"; Right Angle Drill Kit	579.00	9.05	37.31	137.79

### D. Diamond Core Bits

#### *Manual*

	Est. Price \$	Day \$	Week \$	Month \$
1/2"	17.81	4.03	17.33	66.87
3/4"	49.99	4.37	18.69	71.76
1"	58.95	4.46	19.07	73.12
1-1/4"	72.10	4.60	19.62	75.12
1-1/2"	77.26	4.65	19.84	75.91
2"	109.31	4.99	21.19	80.78
2-1/4"	146.50	5.38	22.76	86.44
2-1/2"	161.88	5.54	23.41	88.77
3"	201.43	5.95	25.08	94.79
3-1/2"	218.40	6.13	25.79	97.37
4"	236.50	6.32	26.56	100.12
5"	258.42	6.55	27.48	103.45

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6"	262.80	6.60	27.67	104.12
7"	306.60	7.06	29.52	110.78
9"	350.40	7.51	31.36	117.44
8"	352.59	7.54	31.46	117.77
10"	468.66	8.75	36.35	135.42
12"	565.02	9.76	40.42	150.07

## E. Diamond Core Drills

### *Electric*

1" to 6-1/2"; Mechanical Hold Down	1,870.00	32.26	132.16	484.85
1" to 10"; Vacuum Hold Down	2,510.00	40.95	166.99	609.57

## F. Electric Drill Stands

1/4"	175.00	2.66	11.13	41.84
1/2"	325.00	3.36	13.98	52.13

## G. Floor Stand Drill Presses

### *Electric*

13"; 5-Speed	717.00	6.37	26.89	101.93
16"; 5-Speed	870.00	7.14	30.03	113.33
20"; 9-Speed	1,465.00	10.14	42.22	157.66
20"; 5-Speed	2,220.00	13.95	57.69	213.91
15"; Variable Speed	3,005.00	17.91	73.78	272.40
20"; Variable Speed	5,153.00	28.75	117.80	432.44
20"; Power Feed	8,143.00	43.84	179.08	655.22

## H. Hammer Drills

### *Electric*

3/8"	479.68	13.39	56.50	213.92
1/2"	581.85	14.78	62.06	233.83
3/4"; Rotary	381.08	11.03	47.02	180.05

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
3/4"; Percussion	1,037.82	18.18	75.69	282.78
7/8"; Rotary	445.94	11.73	49.86	190.20
1"; Rotary	847.29	16.10	67.37	252.98
1"; Variable Speed Reversing	917.36	19.33	80.32	299.21
1-1/4"; Rotary	806.75	15.66	65.60	246.64
1-1/2"; Rotary	1,155.39	19.46	80.82	301.17
2"; Rotary	1,347.96	21.55	89.23	331.30
2.5"; Percussion	1,520.25	23.43	96.75	358.25
over 2.5"; Percussion	1,551.10	27.94	114.81	422.71

## I. Hand Held Standard Drills

### *Electric*

3/8"; Variable Speed Reversing	549.99	10.39	43.15	160.62
1/2"; D-Handle Reversing	209.00	6.17	26.16	99.60
1/2"; Variable Speed Reversing	289.86	6.48	27.43	104.21
1/2"; Right Angle Reversing	323.93	7.59	31.89	120.17
3/4"; Right Angle Reversing	743.91	11.02	45.71	170.03

## J. Hand-Held Drills

### *Electric*

3/4"; Continuous Production	829.05	13.85	57.05	210.56
3/4"; D-Handle Reversing	833.13	13.90	57.25	211.30
1-1/4"; Continuous Production	920.37	19.37	80.48	299.80

## K. Hand-Held Rock Drills (Jackhammers)

### *Air*

to 19 lbs	1,840.00	12.75	53.91	204.64
30 to 39 lbs	2,323.00	14.63	61.56	232.52
40 to 49 lbs	2,367.00	14.79	62.22	234.93
50 lbs and over	2,474.00	15.21	63.91	241.08

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### L. Hot Tap Drill Kit

3/4" to 4"	660.31	8.99	37.37	139.31
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### M. Hydraulic Hammer Drills

#### *Hydraulic*

	3,812.00	31.25	128.68	474.95
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### N. Magnetic—Two-Coil Base Drill Presses

#### *Electric*

3/4"	2,445.95	17.35	72.13	269.03
1"	1,060.00	11.59	48.78	184.20
1/2"	1,475.33	12.55	52.71	198.68
1-1/4" to 2"	1,628.00	14.99	62.49	233.74

### O. Portable Earth Augers

#### *Gasoline*

One Man Operation	842.40	6.94	29.95	116.06
Two Man Operation	1,816.43	13.14	57.17	223.33
Mobile Wheel Mounted	1,988.06	15.91	70.30	278.76
Mobile Trailer Mounted	7,055.10	38.29	166.76	652.02

### P. Rock Drill Adapters

	47.90	4.35	18.60	71.44
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### Q. Rock Drill Shanks

12" to 24"; 0.875" Shank	842.60	12.67	52.13	192.27
24" to 48"; 0.875" Shank	1,062.60	14.97	61.41	225.72
2' to 6'; 1" Shank	596.20	8.32	34.67	129.56
6' to 10'; 1" Shank	660.01	10.75	44.43	164.51

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## R. Standard Drills—Hand Held

### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
1/4"; Variable Speed Reversing	268.58	6.27	26.57	101.13
1/4"; Variable Speed Reversing; Heavy Duty D-Handle	348.53	7.90	33.14	124.68
3/8"	779.99	12.96	53.44	197.61

## SECTION 9: FIBER OPTIC TEST AND SPLICE EQUIPMENT

### A. Fiber Inspectors

#### *Electric*

	2,900.00	17.42	72.63	271.70
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### B. Fusion Splicers

#### *Electric*

Active V-Groove Splicer	3,095.00	34.21	166.71	719.17
Clad Alignment Splicer	3,798.00	35.46	171.99	739.17
Core Alignment Splicer	7,400.00	41.89	199.08	841.66
Mass Fusion Splicer	7,400.00	41.89	199.08	841.66

### C. Light Injection Detectors

#### *Electric*

	348.53	1.60	6.72	25.27
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### D. Optical Time Domain Reflectometers

#### *Electric*

	3,944.90	21.50	89.19	331.70
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### E. Power Meters

#### *Electric*

for multi-mode with camera	2,357.67	15.29	64.04	240.56
for single mode with camera	10,800.00	79.67	334.71	1,261.76

### F. Wi-Fi Analyzers

#### *Electric*

	7,305.00	41.91	175.09	656.12
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## SECTION 10: GENERAL EQUIPMENT

### A. Beveling Machines

#### *Electric*

4" to 8"	2,001.00	19.08	81.00	308.62
8" to 12"	2,850.00	21.80	92.03	348.65
14" to 20"	5,813.00	31.29	130.52	488.34

### B. Bolt Cutters

18"	27.48	0.08	0.34	1.24
24"	29.98	0.09	0.37	1.35
30"	87.57	0.27	1.09	3.94
36"	119.17	0.37	1.48	5.36

### C. Brooms

	34.97	0.39	1.58	5.80
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### D. Chipping Hammers

#### *Hydraulic*

1/2" to 3/4"; to 12 lb	549.99	11.12	46.55	174.88
1/2" to 3/4"; 12 lb and over	779.99	12.80	53.35	199.45

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### E. Conveyor Double Bucket Elevator

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
16' to 32'	19,100.00	118.96	516.45	2,012.73
33' to 40'	26,701.00	135.23	583.36	2,259.82

### F. Copper Cleaning & Prep Machine

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
	1,797.92	15.86	66.30	248.58

### G. Cutting Machine

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
1/2" to 4"; with Stand	323.93	13.71	59.22	229.55

### H. Double Tensioners

#### *Hydraulic*

	Est. Price \$	Day \$	Week \$	Month \$
to 5,000 lbs	61,659.00	225.38	928.46	3,427.51
to 15,000 lbs	186,082.00	629.20	2,581.17	9,485.25
to 30,000 lbs	237,900.00	797.37	3,269.47	12,008.10

### I. Drinking Water Containers

	Est. Price \$	Day \$	Week \$	Month \$
2 gallon	6.35	0.20	0.81	3.00
5 gallon	13.40	0.24	1.00	3.69
10 gallon	95.02	0.79	3.21	11.67

### J. Extension Cords

	Est. Price \$	Day \$	Week \$	Month \$
50'	64.10	0.34	1.35	4.81
100'	99.98	0.53	2.10	7.51
200'	149.90	0.79	3.15	11.26

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### K. Garden Hoses

	45.35	0.46	1.84	6.60
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### L. General Purpose Portable Belt Conveyors

#### *Electric*

Up to 23" Width; 15' Length	8,560.06	77.19	330.19	1,267.96
Up to 23" Width; 27' Length	11,918.00	87.10	371.17	1,420.00

### M. Gravity Skate Wheel Conveyors

12" X 120"	134.00	0.88	4.04	16.57
18" X 120"	166.49	0.98	4.45	18.04

### N. Ladders

3'; Step Ladder	84.01	0.44	1.77	6.31
4'; Stepladders; Aluminum	47.98	0.25	1.01	3.60
4'; Stepladders; Fiberglass	62.00	0.33	1.30	4.66
6'; Step with Safety Shoes; Fiberglass	168.62	0.89	3.54	12.66
6'; Platform Step with Safety Shoes; Aluminum	169.88	0.89	3.57	12.76
6'; Step with Safety Shoes; Aluminum	198.91	1.05	4.18	14.94
8'; Step with Safety Shoes; Aluminum	149.03	0.78	3.13	11.19
8'; Step with Safety Shoes; Fiberglass	149.00	0.78	3.13	11.19
8'; Platform Step with Safety Shoes; Aluminum	319.19	1.68	6.71	23.97
10'; Platform Step with Safety Shoes; Aluminum	169.00	0.89	3.55	12.69
10'; Step with Safety Shoes; Fiberglass	265.00	1.39	5.57	19.90
12'; Step with Safety Shoes; Fiberglass	259.00	1.36	5.44	19.45
12'; Platform Step with Safety Shoes; Aluminum	320.08	1.68	6.73	24.04



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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
14'; Platform Step with Safety Shoes; Aluminum	449.22	2.36	9.44	33.73
14'; Step with Safety Shoes; Fiberglass	682.62	3.59	14.35	51.26
16'; Step with Safety Shoes; Aluminum	437.60	2.30	9.20	32.86
16'; Platform Step with Safety Shoes; Aluminum	640.95	3.37	13.47	48.13
16'; Step with Safety Shoes; Fiberglass	737.58	3.88	15.51	55.39
20'; Extension; Aluminum	137.42	0.72	2.89	10.32
20'; Extension; Fiberglass	224.00	1.18	4.71	16.82
24'; Extension; Aluminum	159.00	0.84	3.34	11.94
24'; Extension; Fiberglass	289.00	1.52	6.08	21.70
28'; Extension; Aluminum	341.81	1.80	7.19	25.67
28'; Extension; Fiberglass	349.00	1.83	7.34	26.21
30'; Extension; Fiberglass	259.33	1.36	5.45	19.47
30'; Extension; Aluminum	353.00	1.85	7.42	26.51
32'; Extension; Aluminum	369.00	1.94	7.76	27.71
32'; Extension; Fiberglass	429.00	2.25	9.02	32.22
36'; Aluminum	417.48	2.19	8.78	31.35
40'; Extension; Fiberglass	491.82	2.58	10.34	36.93
40'; Extension; Aluminum	548.94	2.88	11.54	41.22

## O. Leaf Blowers

### *Electric*

	339.00	3.80	16.47	64.09
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### *Gasoline*

	159.00	3.45	16.30	68.68
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## P. Manhole Ventilation Blower

### *Electric*

	1,512.71	5.56	23.59	89.81
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### *Gasoline*

	27,802.24	147.59	612.34	2,278.02
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### Q. Material Carts

	Est. Price \$	Day \$	Week \$	Month \$
2 Tray Narrow	235.99	1.73	7.02	25.45
2 Tray	285.00	2.06	8.34	30.24
4 Tray	395.93	2.80	11.34	41.08
Collapsible	505.00	3.53	14.29	51.75
Lockable	513.00	3.58	14.50	52.53
Lockable with Power	710.00	4.90	19.83	71.79

### R. Poly Box Trucks

	Est. Price \$	Day \$	Week \$	Month \$
6 Bushel; Poly Box Truck, 6 Bushel	195.00	1.46	5.91	21.44
16 Bushel; Poly Box Truck, 16 Bushel	300.00	2.16	8.75	31.71
20 Bushel; Poly Box Truck, 20 Bushel	360.00	2.56	10.37	37.57

### S. Portable Belt Conveyors

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
18' x 144"	40,817.00	175.51	739.73	2,798.91

### T. Portable Blower / Vacuum Systems

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
	2,858.97	17.52	72.09	265.77

### U. Portable Fans & Circulators

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
18"; 2 Speed; Pedestal Mounted	53.95	3.31	14.45	56.64
20"; 3 Speed; Floor Mounted	109.22	3.41	14.87	58.21
20"; 3 Speed; Pedestal Mounted	311.99	3.73	16.18	63.02
24"; 3 Speed; Pedestal Mounted	261.00	3.66	15.89	61.95
24"; 3 Speed; Floor Mounted	279.99	3.70	16.04	62.52
30" to 36"; 4 Speed; Wall Mounted	225.95	3.62	15.73	61.38
30" to 36"; 4 Speed; Pedestal Mounted	241.95	3.66	15.88	61.92
30" to 36"; 3 Speed; Floor Mounted	349.93	3.82	16.53	64.35

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

30" to 36"; 2 Speed; Floor Mounted	405.32	3.95	17.09	66.40
Battery Powered	139.00	3.44	14.98	58.60

### V. Post Drivers

#### *Gasoline*

	1,699.00	12.49	53.56	206.27
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### W. Reel Carrier

#### *Manual*

to 20,000 lbs	43,790.00	135.65	557.36	2,051.79
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### X. Reel Cart Or Stand

66"	6,650.00	22.63	94.78	356.19
72"	8,000.00	26.74	111.59	417.83
96"	10,680.00	34.89	144.97	540.18
108"	13,300.00	42.86	177.61	659.79

### Y. Reel Winder

#### *Hydraulic*

	18,750.00	86.12	358.50	1,338.41
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### Z. Shovel - Pole Hole

8'	111.09	0.90	3.64	13.24
10'	120.83	0.96	3.90	14.19
12'	135.69	1.06	4.30	15.64

### AA. Single Pullers

#### *Diesel*

to 6,000 lbs; E.g.: TSE DP-60	66,167.00	368.14	1,640.22	6,552.59
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# MCAA | NECA | SMACNA TOOL AND EQUIPMENT RENTAL GUIDE

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
to 15,000 lbs; E.g.: TSE DP-100	188,709.00	697.87	3,042.86	11,908.78
to 30,000 lbs	324,867.00	1,205.62	5,308.25	20,970.46

## AB. Single Tensioners

### *Hydraulic*

to 5,000 lbs	34,550.00	137.40	568.37	2,107.66
to 15,000 lbs	128,650.00	442.80	1,818.30	6,689.08
to 30,000 lbs	186,080.00	629.19	2,581.15	9,485.15

## AC. Sound Power Telephones

	746.00	4.29	17.81	66.32
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## AD. Spoon - Pole Hole

8'	106.10	0.86	3.51	12.75
10'	118.17	0.94	3.83	13.93
12'	131.28	1.03	4.19	15.21

## AE. Sprayers

### *Electric*

Airless with Gun and Hose (Self-contained)	987.36	8.25	34.38	128.47
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### *Gasoline*

Airless with Gun and Hose (Self-contained)	3,667.14	29.16	123.39	468.62
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## AF. Tape Embossers

### *Manual*

	160.00	1.07	4.32	15.64
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AG. Track Carrier

#### *Diesel*

E.g.: Yanmar C30R-3	84,026.00	531.72	2,260.41	8,626.00
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### AH. Trailer Mounted Tar Kettles

80 gallon	3,500.00	22.29	93.83	354.59
115 gallon	4,200.00	24.79	104.06	392.07
165 gallon	4,600.00	26.22	109.91	413.48
175 gallon	6,600.00	33.37	139.15	520.54
250 gallon	9,600.00	44.10	183.00	681.12
350 gallon	11,400.00	50.54	209.32	777.48
500 gallon	15,400.00	64.85	267.79	991.60

### AI. Triple Tensioners

#### *Hydraulic*

to 5,000 lbs	61,659.00	225.38	928.46	3,427.51
to 15,000 lbs	184,480.00	624.00	2,559.90	9,407.25
to 30,000 lbs	485,960.00	1,602.44	6,564.46	24,085.31

### AJ. Ventilating Blowers

#### *Electric*

to 8"	1,325.27	6.23	24.91	88.97
10" to 12"	3,929.25	11.10	44.38	158.51
24"	5,386.56	13.83	55.32	197.56
36"	7,809.42	18.30	73.20	261.44

### AK. Ventilating Fans

#### *Hydraulic*

24"; Cooling Fan, Pedestal Type	570.06	6.38	26.64	99.76
24"; Exhaust Fan	752.59	7.41	30.81	114.86
36"; Exhaust Fan	1,509.23	11.68	48.09	177.46

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AL. Wheelbarrows

	109.00	0.75	3.07	11.18
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### AM. Work Bench

72" X 30"	562.47	2.65	10.71	38.59
96" X 36"	369.43	1.77	7.15	25.87

## SECTION 11: GENERATORS

### A. Large Generator Sets

#### *Diesel*

20 kw; Enclosed	29,652.00	119.96	534.71	2,137.42
20 kw; Open	29,652.00	119.96	534.71	2,137.42
30 kw; Enclosed	29,619.00	131.91	594.66	2,401.79
30 kw; Open	29,619.00	131.91	594.66	2,401.79
40 kw; Enclosed	29,605.00	145.89	664.58	2,709.51
40 kw; Open	29,605.00	145.89	664.58	2,709.51
45 kw; Enclosed	33,967.70	151.47	687.87	2,796.79
45 kw; Open	23,751.70	133.25	612.71	2,518.72
50 kw; Enclosed	29,540.00	161.99	744.84	3,061.83
50 kw; Open	29,540.00	161.99	744.84	3,061.83
60 kw; Enclosed	37,234.70	201.85	914.90	3,713.40
60 kw; Open	27,134.70	180.01	825.26	3,383.77
65 kw; Enclosed	41,315.00	225.23	1,020.16	4,138.13
65 kw; Open	41,315.00	225.23	1,020.16	4,138.13
75 kw; Enclosed	42,695.00	241.54	1,099.27	4,478.16
75 kw; Open	42,695.00	241.54	1,099.27	4,478.16
90 kw; Enclosed	43,794.00	257.38	1,176.45	4,811.03
90 kw; Open	43,794.00	257.38	1,176.45	4,811.03
100 kw; Enclosed	32,843.90	257.46	1,201.45	5,002.41
100 kw; Open	40,276.90	273.54	1,267.43	5,245.00
125 kw; Enclosed	39,196.00	291.02	1,357.45	5,649.79

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
125 kw; Open	39,196.00	291.02	1,357.45	5,649.79
150 kw; Enclosed	44,045.00	341.89	1,603.98	6,708.69
150 kw; Open	44,045.00	341.89	1,603.98	6,708.69
200 kw; Enclosed	48,223.00	374.97	1,761.89	7,378.72
200 kw; Open	48,223.00	374.97	1,761.89	7,378.72
225 kw; Enclosed	76,802.50	501.07	2,334.32	9,705.31
225 kw; Open	53,949.50	460.03	2,165.24	9,080.82
300 kw; Enclosed	64,883.00	561.59	2,650.84	11,144.04
300 kw; Open	64,883.00	561.59	2,650.84	11,144.04
350 kw; Enclosed	74,724.00	633.20	2,991.34	12,584.04
350 kw; Open	74,724.00	633.20	2,991.34	12,584.04
400 kw; Enclosed	139,152.00	882.91	4,133.84	17,260.23
400 kw; Open	139,152.00	882.91	4,133.84	17,260.23
450 kw; Enclosed	87,379.00	875.87	4,065.61	16,850.77
450 kw; Open	87,379.00	875.87	4,065.61	16,850.77
500 kw; Enclosed	104,344.00	949.21	4,396.49	18,188.24
500 kw; Open	104,344.00	949.21	4,396.49	18,188.24
600 kw; Enclosed	179,423.00	1,141.18	5,214.06	21,314.89
600 kw; Open	129,913.00	1,029.97	4,758.89	19,645.78
700 kw; Enclosed	166,207.00	1,416.06	6,743.60	28,558.00
700 kw; Open	166,207.00	1,416.06	6,743.60	28,558.00
800 kw; Enclosed	181,450.00	1,610.96	7,695.42	32,671.03
800 kw; Open	181,450.00	1,610.96	7,695.42	32,671.03
900 kw; Enclosed	283,926.00	1,815.51	8,275.62	33,759.98
900 kw; Open	283,926.00	1,815.51	8,275.62	33,759.98
1,000 kw; Enclosed	381,148.00	2,247.56	10,201.86	41,461.28
1,000 kw; Open	381,148.00	2,247.56	10,201.86	41,461.28
1,500 kw; Enclosed	688,845.00	3,816.36	17,887.87	74,757.03
1,500 kw; Open	688,845.00	3,816.36	17,887.87	74,757.03

## ***Gasoline***

25 to 45 kw	13,625.00	135.97	635.63	2,650.39
50 to 65 kw	17,050.00	196.85	927.10	3,890.19
70 to 85 kw	20,925.00	246.97	1,169.36	4,928.60
100 to 115 kw	40,300.00	388.77	1,836.07	7,722.21
125 kw and over	40,450.00	409.97	1,941.77	8,186.27

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<b>B. Small Generator Sets</b>				
<i><b>Diesel</b></i>				
to 2,500 watt	2,833.00	17.17	77.15	310.64
3,000 to 4,000 watt	3,733.00	20.47	91.28	365.04
5,000 to 6,000 watt	4,676.00	27.10	121.99	492.04
6,500 watts	8,929.00	43.17	191.18	759.52
5,001 to 9,999 watt	15,905.00	64.24	278.25	1,082.22
10,000 watts	16,350.00	69.53	301.60	1,174.80
10,001 to 14,000 watt	17,833.10	78.00	340.06	1,331.02
15,000 to 20,000 watt	20,797.10	96.62	425.29	1,680.08
 <i><b>Gasoline</b></i>				
1,000 watts	1,098.00	12.52	58.27	242.09
1,500 to 1,800 watt	1,123.00	12.59	58.57	243.18
2,500 watt	1,620.00	16.56	77.05	320.03
3,000 watt	2,149.00	21.25	99.06	412.10
3,500 watt	2,381.00	21.93	101.83	422.16
4,000 watt	2,699.00	26.63	124.47	518.90
5,000 watt	3,030.00	27.60	128.41	533.26
5,500 watt	4,037.00	33.24	152.26	623.79
6,000 watt	4,037.00	35.74	164.73	678.67
7,500 watt	4,856.00	42.20	194.49	801.12
9,000 watt	6,021.00	51.06	235.15	967.97
11,000 watt	5,833.00	52.59	242.81	1,001.74
12,000 watt	8,051.00	63.34	291.07	1,195.94

## SECTION 12: HEATERS

### A. Forced Air Space Heaters

<i><b>Electric</b></i>				
1,600 watt	299.00	8.28	33.71	122.77
4,000 watt	207.00	4.36	20.35	84.72



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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### **LPG**

30,000 Btu; without fuel	175.34	6.27	25.61	93.68
40,000 btu; without fuel	235.00	6.86	28.01	102.33
75,000 btu; without fuel	260.00	7.23	29.48	107.64
60000 btu; without fuel	249.59	7.48	30.47	111.15
15,000 Btu; without fuel	333.86	8.32	33.85	123.32
150,000 btu; without fuel	396.00	9.23	37.52	136.52
80,000 btu; without fuel	387.40	9.72	39.50	143.56
175,000 to 350,000 btu; without fuel	760.00	14.58	59.02	213.81

## B. Ground Thawers

### **LPG**

48" x 54"; without fuel	2,699.00	47.39	190.90	687.35
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## C. High Pressure/Oil Fired Space Heaters

### **Kerosene**

320,000 btu; without fuel	2,065.00	30.24	122.09	440.85
650,000 btu; without fuel	2,131.50	34.73	140.05	505.12
50,000 btu; without fuel	267.00	6.88	28.08	102.65
100,000 btu; without fuel	435.00	9.06	36.87	134.25
150,000 btu; without fuel	500.00	9.91	40.27	146.48

## D. Radiant Space Heaters

### **LPG**

30,000 to 80,000 btu; without fuel	208.00	9.93	40.76	149.86
30,000 to 250,000 btu; without fuel	358.00	12.18	49.78	182.32

## E. Sunflower Heaters

### **LPG**

Single Head	79.99	4.72	19.37	71.25
Double Head	118.11	5.34	21.86	80.22

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 13: HOISTS

#### A. Block & Tackle Hoists

1/2"; Block and Tackle	109.99	0.81	3.75	15.49
3/4"; Block and Tackle	434.46	1.79	7.75	30.15
1"; Block and Tackle	655.54	2.46	10.48	40.13

#### B. Cable Chokers

1/4" diameter; 60" height	33.83	0.38	1.55	5.68
1/4" diameter; 120" height	49.53	0.48	1.98	7.22
1/4" diameter; 180" height	76.00	0.66	2.69	9.81
1/4" diameter; 240" height	105.73	0.86	3.50	12.71
1/2" diameter; 60" height	56.39	0.53	2.16	7.89
1/2" diameter; 120" height	36.40	0.40	1.62	5.94
1/2" diameter; 180" height	47.20	0.47	1.91	6.99
1/2" diameter; 240" height	48.70	0.48	1.95	7.14
3/4" diameter; 60" height	132.40	1.04	4.22	15.32
3/4" diameter; 120" height	34.70	0.39	1.58	5.77
3/4" diameter; 180" height	119.31	0.95	3.86	14.04
3/4" diameter; 240" height	116.55	0.93	3.79	13.77
1" diameter; 60" height	132.40	1.04	4.22	15.32
1" diameter; 120" height	136.40	1.06	4.32	15.71
1" diameter; 180" height	219.22	1.62	6.56	23.81
1" diameter; 240" height	207.77	1.54	6.25	22.69

#### C. Coffing Hoists

1/2 ton	298.53	1.38	6.08	24.00
3/4 ton	425.95	1.77	7.65	29.76
1-1/2 tons	784.11	2.85	12.07	45.94
3 tons	1,629.20	5.40	22.50	84.12
6 tons	3,177.55	10.08	41.62	154.06

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### D. Com-Alongs

	Est. Price \$	Day \$	Week \$	Month \$
1/2 tons; Chain or Cable	160.00	0.96	4.37	17.75
3/4 tons; Chain or Cable	285.00	1.34	5.91	23.39
1 to 2 tons; Chain or Cable	450.00	1.84	7.95	30.85
3 to 4 tons; Chain or Cable	860.00	3.08	13.01	49.37
6 tons; Chain or Cable	1,400.00	4.71	19.68	73.76

### E. Drum Hoists

#### *Air*

35,000 lbs; Double-Drum	248,441.36	712.73	2,938.86	10,860.25
65,000 lbs; Double-Drum	328,117.25	936.63	3,860.37	14,258.64
125,000 lbs; Double-Drum	381,105.67	1,085.54	4,473.21	16,518.74
155,000 lbs; Double-Drum	445,068.26	1,265.28	5,212.98	19,246.91
225,000 lbs; Double-Drum	643,827.38	1,823.82	7,511.76	27,724.52
300,000 lbs; Double-Drum	830,756.55	2,349.12	9,673.72	35,697.55
35,000 lbs; Triple-Drum	323,515.50	923.70	3,807.15	14,062.36
65,000 lbs; Triple-Drum	424,260.72	1,206.81	4,972.33	18,359.42
125,000 lbs; Triple-Drum	480,407.72	1,364.59	5,621.71	20,754.24
155,000 lbs; Triple-Drum	554,553.09	1,572.95	6,479.25	23,916.74
225,000 lbs; Triple-Drum	906,856.56	2,562.97	10,553.87	38,943.42

#### *Gasoline*

14 to 22 hp	1,200.00	18.48	79.70	308.59
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### F. Duct Hoists

#### *Manual*

	3,343.00	10.58	43.66	161.54
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### G. Electric Cable Hoists

2 hp; 1 Speed, 1/2 ton Capacity	3,904.04	12.14	52.40	203.13
2 hp; 2 Speed, 1/2 ton Capacity	4,521.46	13.68	58.79	226.94

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4 hp; 1 Speed, 1 ton Capacity	5,355.13	15.76	67.43	259.08
4 hp; 1 Speed, 2 ton Capacity	5,916.14	17.16	73.24	280.72
4 hp; 2 Speed, 1 ton Capacity	5,972.55	17.30	73.82	282.89
4 hp; 1 Speed, 3 ton Capacity	7,091.42	20.09	85.41	326.04
4-1/2 hp; 1 Speed, 5 ton Capacity	7,398.57	20.86	88.60	337.88
4 hp; 2 Speed, 3 ton Capacity	7,708.84	21.63	91.81	349.84
4-1/2 hp; 2 Speed, 5 ton Capacity	8,015.98	22.40	94.99	361.69

## H. Gantry Cranes

Crane, Gantry Aluminum	2,891.21	11.19	47.96	184.59
Sumner GH2T-10	4,800.00	26.63	109.28	401.70

## I. Hand Line Hoists

	155.00	0.95	4.30	17.52
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## J. Heavy Duty Electric Chain Hoists

2 tons; 2 Speed	11,299.50	35.20	152.03	589.62
3 tons; 2 Speed	12,943.80	39.63	170.68	660.11
5 tons; 2 Speed	13,781.70	41.89	180.18	696.04
10 tons; 2 Speed	20,163.80	59.07	252.55	969.65

## K. Light Duty Manual Hoists

500 pounds; 12' Lift Height	172.40	1.00	4.52	18.31
1/2 ton; 10' Lift Height; Hand Chain	129.54	0.79	3.66	15.19
1/2 ton; 20' Lift Height; Hand Chain	220.54	1.00	4.55	18.47
1 ton; 10' Lift Height; Hand Chain	146.26	0.83	3.82	15.79
1 ton; 20' Lift Height; Hand Chain	276.26	1.14	5.09	20.47
1 ton; 25' Lift Height	285.00	1.34	5.91	23.39
1-1/2 tons; 10' Lift Height; Lever Chain	623.00	2.36	10.08	38.66
1-1/2 tons; 20' Lift Height; Lever Chain	845.00	3.03	12.82	48.69

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2 tons; 10' Lift Height; Hand Chain	297.74	1.19	5.30	21.25
2 tons; 20' Lift Height; Hand Chain	502.74	1.68	7.31	28.64
3 tons; 10' Lift Height; Hand Chain	363.56	1.34	5.95	23.62
3 tons; 20' Lift Height; Hand Chain	717.56	2.19	9.41	36.38
4 tons; 10' Lift Height; Hand Chain	593.39	2.27	9.72	37.32
4 tons; 20' Lift Height; Hand Chain	947.39	3.34	14.09	53.32
5 tons; 10' Lift Height; Hand Chain	823.22	2.44	10.45	40.18
10 tons and over	2,085.22	7.40	32.58	128.73

## L. Lightweight Electric Chain Hoists

1/4 tons; 1/4 hp; 1 Speed	3,227.44	11.95	50.14	188.81
1/4 tons; 1/4 hp; 2 Speed	2,788.30	8.72	37.12	141.86
1/2 tons; 1/2 hp; 1 Speed	2,998.29	9.27	39.37	150.17
1/2 tons; 1/2 hp; 2 Speed	3,054.70	9.42	39.98	152.40
1 ton; 1 hp; 1 Speed	3,213.50	9.83	41.68	158.68
1 ton; 1 hp; 2 Speed	3,303.34	10.07	42.65	162.23
2 tons; 2 hp; 1 Speed	3,963.59	11.79	49.74	188.35
2 tons; 2 hp; 2 Speed	4,531.91	13.28	55.84	210.83

## M. Manila Ropes

1/2" x 100'	44.42	0.45	1.84	6.72
3/4" x 100'	134.89	1.05	4.28	15.56

## N. Rope Connectors

7/16"	371.89	2.64	10.69	38.73
11/16"	519.01	3.62	14.66	53.12
1"; 10,000 capacity	520.23	3.63	14.70	53.24

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### O. Rope Grabs

5/8"	125.00	0.99	4.02	14.60
3/8"	224.50	1.65	6.70	24.32

### P. Rope Sling

	34.10	0.38	1.56	5.71
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### Q. Snatch Blocks

Manila	255.30	1.25	5.54	22.05
Wire	316.14	1.43	6.29	24.80

### R. Winches

#### *Electric*

to 8 hp; Powered	1,200.00	8.78	40.59	167.60
8 to 12 hp; Powered	2,917.67	14.50	64.46	256.93
12 to 20 hp; Powered	11,977.00	44.69	190.38	728.12

#### *Manual*

1 ton	12,043.40	43.51	185.09	707.07
2 tons	20,331.80	63.42	267.42	1,012.30

### S. Wire Rope

1/8" X 300'	139.95	1.09	4.42	16.06
1/4" X 100'	45.98	0.46	1.88	6.87
1/4" X 300'	395.00	2.79	11.31	40.99
1/4" X 600'	675.00	4.66	18.88	68.37
3/8" X 100'	113.40	0.91	3.70	13.46
3/8" X 600'	246.00	1.80	7.29	26.43
3/8" X 1200'	379.46	2.69	10.89	39.47

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1/2" X 300"	350.00	2.49	10.10	36.59
1/2" X 600'	650.00	4.50	18.20	65.92
1/2" X 1200'	900.00	6.17	24.96	90.36
1/2" X 1800'	1,350.00	9.17	37.12	134.36
9/16" X 600'	2,770.87	18.67	75.52	273.26
9/16" X 1200'	5,530.96	37.11	150.11	543.09
5/8" X 600'	1,112.42	7.59	30.70	111.13
5/8" X 1200'	1,425.00	9.67	39.15	141.69
3/4" X 600'	1,100.00	7.50	30.36	109.91
3/4" X 1200'	2,000.00	13.52	54.69	197.90
3/4" X 1800'	2,464.75	16.62	67.25	243.34
7/8" X 300'	685.00	4.73	19.15	69.34
7/8" X 600'	1,818.91	12.31	49.79	180.20
7/8" X 1200'	3,623.44	24.36	98.56	356.61
7/8" X 1800'	3,663.68	24.63	99.65	360.54
1" X 300'	876.00	6.01	24.31	88.02
1" X 600'	1,750.00	11.85	47.93	173.46
1" X 1200'	3,500.00	23.54	95.22	344.54
1-1/8" X 600'	1,200.00	8.17	33.07	119.69
1-1/4" X 600'	1,500.00	10.17	41.17	149.02

## T. Wire Rope Sling

	34.10	0.38	1.56	5.71
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 14: LIGHTING EQUIPMENT

#### A. Floodlights

##### *Electric*

500 watt; Tripod (Quartz)	224.18	4.91	20.87	79.63
1,000 watt; Tripod (Quartz)	531.80	5.96	25.13	95.08
1,000 watt; Cart (Metal Halide)	1,060.94	7.77	32.47	121.66
1,500 watt; Cart (Metal Halide)	1,110.00	7.94	33.15	124.12
2,000 watt; Cart (Metal Halide)	1,920.00	10.71	44.38	164.81
2,000 watt; Cart (Metal Halide) with Gas Generator	1,920.00	10.71	44.38	164.81
Portable Job Site Light	298.07	5.16	21.89	83.34

#### B. Portable Light Towers

##### *Diesel*

1,000 watts	8,586.00	64.64	275.13	1,051.62
2,000 watts	12,827.00	78.87	335.06	1,278.18

##### *Gasoline*

1,000 watts	6,149.00	49.12	210.59	810.85
2,000 watts	6,019.00	50.30	216.84	839.44

#### C. Work Lights

##### *Electric*

50 watts; Flood Light Lantern, M12, 400 Lumens	69.00	0.24	0.96	3.47
75 watts; Temp Light, Trouble Light	24.99	0.09	0.35	1.26
100 watts; Highbay, 25' Cord	164.00	4.70	20.03	76.61
175 watts; Wobble Light	399.99	5.51	23.30	88.46
324 watts; Fluorescent Light Fixture	104.00	4.50	19.20	73.59
400 watts; Wobble Light	449.99	5.68	24.00	90.97
500 watts; Halogen Floor light	25.00	0.09	0.35	1.26



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## SECTION 15: MATERIAL HANDLING

Est. Price \$    Day \$    Week \$    Month \$

### A. Cushion Tire Sit-Down Rider Electric Lift Trucks

2,000 to 2,499 lbs; 48 V	31,335.00	83.40	344.89	1,278.91
2,500 to 2,999 lbs; 36 V	32,258.00	85.61	353.87	1,311.63
2,500 to 2,999 lbs; 48 V	32,562.00	86.33	356.82	1,322.41
3,000 to 3,999 lbs; 36 V	33,181.00	76.58	317.81	1,182.99
3,000 to 3,999 lbs; 48 V	33,777.00	77.80	322.78	1,201.15
4,000 to 4,999 lbs; 36 V	38,707.00	107.91	443.96	1,637.29
4,000 to 4,999 lbs; 48 V	39,317.00	109.47	450.31	1,660.37
5,000 to 5,999 lbs; 36 V	42,087.00	105.59	435.35	1,609.27
5,000 to 5,999 lbs; 48 V	42,397.00	106.30	438.26	1,619.87
6,000 to 6,999 lbs; 36 V	47,312.00	129.06	529.97	1,950.42
6,000 to 6,999 lbs; 48 V	47,925.00	130.61	536.30	1,973.45
7,000 to 7,999 lbs; 36 V	58,065.00	150.14	616.23	2,266.54
7,000 to 7,999 lbs; 48 V	58,369.00	150.88	619.24	2,277.52
8,000 lbs and over; 36 V	60,828.00	151.73	624.53	2,304.29
8,000 lbs and over; 48 V	61,442.00	153.15	630.31	2,325.38

### B. Cylinder Trucks

6-1/4"D X 23"H; Cylinder Carrier; Max 2 Tanks	80.63	0.78	3.35	13.00
8-1/2"D X 51"H; Hand Truck; Max 2 Tanks	120.95	1.04	4.43	16.87
8-1/2"D X 51"H; Hand Truck with casters; Max 2 Tanks	174.70	1.40	5.87	22.03
9-1/2"D; Lift Truck Caddy; Max 6 Tanks	456.92	3.28	13.41	49.12
9-1/2"D; Pallet Truck Caddy; Max 4 Tanks	497.23	3.55	14.49	52.99
12-1/2"D X 60"H; Hand Truck; Max 2 Tanks	541.96	3.84	15.68	57.29

### C. Dollies

Small	31.41	0.33	1.59	6.69
Large	76.98	2.62	12.91	56.11
Machinery	1,733.00	7.66	33.54	131.71

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### D. Hand Trucks

2 wheel	195.77	1.07	4.81	19.36
4 wheel	217.28	1.13	5.07	20.33

### E. Hilman Rollers

3 tons	1,025.53	3.58	15.05	56.85
8 tons	1,101.50	3.81	15.99	60.28
15 tons	4,840.08	17.12	72.24	273.56
25 tons	4,840.08	17.12	72.24	273.56
40 tons	5,212.40	18.25	76.87	290.56
100 tons and over	5,097.96	17.90	75.45	285.34

### F. I.C. Cushion Tire Lift Trucks

#### *Diesel*

4,000 to 4,999 lbs	25,000.00	84.39	367.85	1,439.60
5,000 to 5,999 lbs	27,171.00	99.66	433.34	1,691.83
6,000 to 6,999 lbs	37,539.00	130.59	564.05	2,187.70
7,000 to 7,999 lbs	41,854.00	125.73	546.54	2,133.23
8,000 to 8,999 lbs	42,475.00	126.10	550.48	2,157.41
9,000 to 11,999 lbs	47,325.00	141.28	615.93	2,410.83
12,000 to 12,999 lbs	52,700.00	149.25	655.87	2,586.78
15,000 lbs and over	56,422.00	152.20	665.33	2,610.97

#### *Gasoline*

2,000 to 2,499 lbs	22,627.00	67.79	294.56	1,149.14
2,500 to 2,999 lbs	28,305.00	77.20	333.01	1,289.93
3,000 to 3,999 lbs	31,000.00	79.63	343.16	1,327.99
4,000 to 4,999 lbs	33,700.00	96.24	418.41	1,633.24
5,000 to 5,999 lbs	36,800.00	120.75	525.94	2,056.72
6,000 to 6,999 lbs	40,900.00	118.24	515.11	2,014.85
7,000 to 7,999 lbs	49,300.00	139.61	611.65	2,405.35
8,000 to 8,999 lbs	54,500.00	157.14	686.06	2,689.08

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
10,000 to 11,999 lbs	67,500.00	181.94	785.53	3,045.60
12,000 to 12,999 lbs	69,700.00	177.47	775.53	3,042.42
15,000 lbs and over	74,310.00	182.96	794.28	3,096.09

## G. I.C. Pneumatic Tire Lift Trucks

### *Diesel*

2,500 to 2,999 lbs; 41 hp	33,079.30	77.73	331.77	1,271.65
3,000 to 3,999 lbs; 42 hp	31,110.80	69.89	298.97	1,148.44
4,000 to 4,999 lbs; 48.2 hp	35,807.50	91.88	397.45	1,543.76
5,000 to 5,999 lbs; 57.4 hp	41,905.50	114.24	489.98	1,887.16
6,000 to 6,999 lbs; 57.5 hp	45,250.80	118.68	508.98	1,960.18
7,000 to 7,999 lbs; 84.9 hp	55,805.50	135.37	590.85	2,315.26
8,000 to 8,999 lbs; 83.5 hp	56,511.90	141.93	614.36	2,387.92
9,000 to 10,999 lbs; 93.1 hp	68,653.70	157.40	680.31	2,640.39
11,000 to 12,999 lbs; 93.5 hp	77,818.00	178.04	766.55	2,963.82
13,000 to 15,999 lbs; 97.8 hp	84,745.20	191.09	823.48	3,186.70
16,000 to 19,999 lbs; 121 hp	108,098.00	222.90	970.10	3,790.67
16,000 to 19,999 lbs; 130 hp	112,075.00	231.96	1,010.75	3,954.18
20,000 to 29,999 lbs; 144 hp	120,947.00	246.10	1,089.84	4,330.04
30,000 to 49,999 lbs; 152 hp	181,160.00	340.08	1,478.08	5,768.15
30,000 to 49,999 lbs; 165.3 hp	191,784.00	359.84	1,565.10	6,112.02
50,000 to 69,999 lbs; 215 hp	311,607.00	537.79	2,314.14	8,942.26

### *Gasoline*

2,000 to 2,499 lbs; 37 hp	20,467.90	56.37	244.91	955.43
2,500 to 2,999 lbs; 42 hp	27,291.30	69.27	298.22	1,152.84
3,000 to 3,999 lbs; 44.7 hp	27,620.80	63.52	274.31	1,063.79
4,000 to 4,999 lbs; 45.1 hp	34,425.50	94.31	406.43	1,572.93
5,000 to 5,999 lbs; 59.3 hp	38,599.50	109.42	471.55	1,824.91
6,000 to 6,999 lbs; 61.1 hp	42,281.80	116.15	500.38	1,935.76
7,000 to 7,999 lbs; 79 hp	54,454.50	136.89	600.28	2,362.74
8,000 to 8,999 lbs; 91.8 hp	55,471.90	144.20	627.21	2,449.41
9,000 to 10,999 lbs; 93.1 hp	64,413.70	155.30	674.89	2,633.36
11,000 to 12,999 lbs; 93.5 hp	65,868.00	149.84	654.84	2,569.16

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	Est. Price \$	Day \$	Week \$	Month \$
13,000 to 15,999 lbs; 91.8 hp	80,220.20	183.46	791.33	3,065.12
16,000 to 19,999 lbs; 95 hp	90,507.90	190.18	827.03	3,229.18
16,000 to 19,999 lbs; 140 hp	114,926.00	177.06	739.89	2,774.47
20,000 to 29,999 lbs; 145.3 hp	133,440.00	261.95	1,156.14	4,578.86
20,000 to 29,999 lbs; 151.6 hp	138,770.00	271.64	1,199.04	4,749.29

## H. Loading Ramps

Metal	686.86	2.55	10.87	41.55
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## I. Low-Lift Pallet Type Hand Trucks

### *Electric*

4,000 lbs; 12/24V	4,188.00	17.91	78.34	307.45
6,000 lbs; 12/24V	9,733.00	33.09	139.89	530.84
8,000 lbs; 12/24V	20,625.06	58.77	244.42	911.54
10,000 lbs; 12/24V	26,955.88	73.98	306.25	1,136.61

## J. Low-Lift Platform Type Hand Trucks

### *Electric*

1,500 lbs; 24 V	4,727.67	20.60	89.16	346.36
6,000 lbs; 12 V	21,020.74	59.72	248.28	925.61
8,000 lbs; 12 V	25,966.69	71.60	296.59	1,101.44
10,000 lbs; 12 V	32,099.67	86.33	356.49	1,319.48

## K. Material Lifts

### *Electric*

750 lbs	5,866.35	20.93	86.87	323.19
500 lbs	6,383.97	22.66	93.90	348.92

### *Manual*

500 lbs	1,861.57	8.06	35.14	137.58
650 lbs	2,271.12	9.30	40.24	156.28

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### L. Nylon Lifting Slings

	Est. Price \$	Day \$	Week \$	Month \$
2'; Nylon Lifting Choker	20.00	0.29	1.18	4.33
3'; Nylon Lifting Choker	17.00	0.27	1.10	4.04
4'; Nylon Lifting Choker	20.00	0.29	1.18	4.33
6'; Nylon Lifting Choker	24.00	0.31	1.29	4.72
8'; Nylon Lifting Choker	30.00	0.35	1.45	5.31
10'; Nylon Lifting Choker	35.00	0.39	1.58	5.80
12'; Nylon Lifting Choker	42.00	0.43	1.77	6.48
14'; Nylon Lifting Choker	48.00	0.47	1.94	7.07
16'; Nylon Lifting Choker	55.00	0.52	2.12	7.75
18'; Nylon Lifting Choker	60.00	0.55	2.26	8.24
20'; Nylon Lifting Choker	70.00	0.62	2.53	9.22
30'; Nylon Lifting Choker	97.56	0.81	3.27	11.91

### M. Pallet Jacks

#### *Hydraulic*

	Est. Price \$	Day \$	Week \$	Month \$
to 4,000 lbs	776.24	5.12	21.13	78.12
4,001 to 6,000 lbs	6,858.58	39.02	159.89	586.83
6,001 to 7,999 lbs	550.00	3.86	15.96	59.19
8,000 lbs and over	660.53	4.48	18.49	68.44

### N. Panel Trucks

	Est. Price \$	Day \$	Week \$	Month \$
1/2 ton	424.44	3.68	17.24	71.97
1-1/2 tons	475.24	3.84	17.87	74.29
3/4 ton	483.96	3.86	17.98	74.69
2 tons	505.89	3.93	18.25	75.69

### O. Pneumatic Tire Sit-Down Rider Electric Lift Trucks

	Est. Price \$	Day \$	Week \$	Month \$
1,500 lbs	36,160.00	88.84	367.40	1,362.09
3,000 lbs	37,190.00	90.53	374.24	1,386.73

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	Est. Price \$	Day \$	Week \$	Month \$
4,000 lbs	37,477.00	95.72	395.27	1,462.98
5,000 lbs	38,794.00	100.00	412.34	1,523.84
6,000 lbs	40,111.00	93.92	388.43	1,440.13

### P. Pry Bar Dolly

5,000 lbs	193.66	1.06	4.78	19.27
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### Q. Push Beam Trolleys

2 tons	750.75	5.17	20.93	75.77
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### R. Roll-A-Lifts

2,000 lbs	841.50	5.78	23.38	84.64
3,000 lbs	908.50	6.22	25.19	91.19
5,000 lbs	987.50	6.75	27.32	98.92
6,000 lbs	1,394.50	9.47	38.32	138.71

### S. Roust-A-Bouts

15'	6,761.89	22.97	96.17	361.30
20'	7,114.57	24.04	100.57	377.40
25'	7,838.10	26.24	109.58	410.43
6,000 lbs	1,394.50	9.47	38.32	138.71

### T. Stand-Up Rider Electric Lift Trucks

2,500 lbs; 24 V	27,034.00	73.81	305.57	1,134.46
3,000 lbs; 24 V	31,335.00	86.56	357.16	1,321.34
3,000 lbs; 36 V	31,930.00	88.02	363.11	1,342.99
4,000 lbs; 24 V	34,408.00	84.37	349.18	1,296.04

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	Est. Price \$	Day \$	Week \$	Month \$
4,000 lbs; 36 V	36,249.00	88.41	365.68	1,356.27
5,000 lbs; 24 V	37,482.00	100.68	414.66	1,530.95
5,000 lbs; 36 V	38,095.00	102.17	420.73	1,553.04
6,000 lbs; 24 V	39,937.00	105.14	432.95	1,598.11
6,000 lbs; 36 V	41,164.00	108.09	444.93	1,641.74

## U. Straight Mast Rough Terrain Lift Trucks

### *Diesel*

to 4,999 Lbs; 2WD; 100" Max. Fork Height	47,076.50	273.72	1,173.14	4,515.20
5,000 lbs; 2WD; 150" Max. Fork Height	50,685.30	313.94	1,350.61	5,217.95
5,000 lbs; 2WD; 260" Max. Fork Height	57,745.30	334.73	1,436.09	5,532.92
5,000 lbs; 4WD; 150" Max. Fork Height	57,797.30	334.88	1,436.72	5,535.24
5,000 lbs; 4WD; 260" Max. Fork Height	64,857.30	355.68	1,522.20	5,850.21
6,000 lbs; 2WD; 150" Max. Fork Height	56,833.90	340.97	1,463.16	5,638.30
6,000 lbs; 2WD; 264" Max. Fork Height	59,670.90	349.39	1,497.73	5,765.64
6,000 lbs; 4WD; 150" Max. Fork Height	63,945.90	362.06	1,549.82	5,957.53
6,000 lbs; 4WD; 264" Max. Fork Height	66,782.90	370.47	1,584.39	6,084.88
8,000 to 9,999 Lbs; 2WD; 150" Max. Fork Height	64,155.40	389.81	1,659.05	6,340.47
8,000 to 9,999 Lbs; 2WD; 265" Max. Fork Height	71,228.40	411.30	1,747.00	6,662.91
8,000 to 9,999 Lbs; 4WD; 150" Max. Fork Height	71,546.40	412.27	1,750.96	6,677.41
8,000 to 9,999 Lbs; 4WD; 265" Max. Fork Height	78,619.40	433.77	1,838.91	6,999.85
10,000 to 12,999 Lbs; 2WD; 120" Max. Fork Height	75,175.50	427.68	1,837.60	7,090.31
10,000 to 12,999 Lbs; 2WD; 150" Max. Fork Height	73,300.50	416.18	1,784.73	6,873.07
10,000 to 12,999 Lbs; 4WD; 120" Max. Fork Height	82,200.50	447.17	1,917.58	7,384.60
10,000 to 12,999 Lbs; 4WD; 150" Max. Fork Height	80,325.50	435.66	1,864.72	7,167.36
13,000 to 19,999 Lbs; 2WD; 144" Max. Fork Height	80,256.30	528.60	2,272.99	8,777.16
13,000 to 19,999 Lbs; 4WD; 144" Max. Fork Height	88,210.30	551.12	2,365.46	9,117.47

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Est. Price \$    Day \$    Week \$    Month \$

### **Gasoline**

4,000 lbs; 2WD; 150" Max. Fork Height	47,076.00	318.50	1,376.56	5,341.21
5,000 lbs; 2WD; 150" Max. Fork Height	101,933.00	425.40	1,764.76	6,566.61
5,000 lbs; 2WD; 260" Max. Fork Height	56,454.30	353.81	1,534.77	5,978.05
5,000 lbs; 4WD; 150" Max. Fork Height	56,506.30	353.96	1,535.40	5,980.37
5,000 lbs; 4WD; 260" Max. Fork Height	63,566.30	374.74	1,620.83	6,295.10
6,000 lbs; 2WD; 150" Max. Fork Height	82,794.00	419.66	1,780.57	6,783.50
6,000 lbs; 2WD; 264" Max. Fork Height	58,496.90	370.18	1,603.56	6,237.50
6,000 lbs; 4WD; 150" Max. Fork Height	62,771.90	382.75	1,655.30	6,428.30
6,000 lbs; 4WD; 264" Max. Fork Height	65,608.90	391.10	1,689.63	6,554.92
8,000 to 9,999 Lbs; 2WD; 150" Max. Fork Height	97,337.00	494.29	2,081.45	7,868.27
8,000 to 9,999 Lbs; 2WD; 265" Max. Fork Height	68,273.40	439.50	1,891.79	7,312.50
8,000 to 9,999 Lbs; 4WD; 150" Max. Fork Height	68,591.40	440.47	1,895.77	7,327.15
8,000 to 9,999 Lbs; 4WD; 265" Max. Fork Height	75,664.40	462.02	1,984.27	7,652.95
10,000 to 12,999 Lbs; 2WD; 150" Max. Fork Height	131,331.00	585.18	2,475.20	9,399.95
10,000 to 12,999 Lbs; 4WD; 150" Max. Fork Height	77,335.50	439.08	1,901.92	7,397.62

## V. Telescoping Boom Rough Terrain Lift Trucks

### **Diesel**

2.2 to 2.70 metric tons	87,877.00	402.54	1,666.02	6,183.56
2.71 to 3.0 metric tons	119,755.00	555.53	2,305.55	8,582.67
3.1 to 3.5 metric tons	153,785.00	703.08	2,944.70	11,068.80
3.6 to 3.9 metric tons	146,658.00	683.80	2,900.89	11,050.01
4.0 to 4.4 metric tons	163,478.00	681.98	2,828.57	10,522.66
4.5 to 4.9 metric tons	184,747.00	775.58	3,215.01	11,953.18
5.0 metric tons and over	213,211.00	1,155.09	4,872.72	18,453.77



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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### W. Walk/Ride Low-Lift Pallet Trucks

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
4,000 lbs; 12/24 V	5,841.00	21.55	93.15	361.53
5,000 lbs; 12/24 V	7,885.00	28.58	121.58	464.24
6,000 lbs; 12/24 V	17,802.00	52.00	216.85	811.17
8,000 lbs; 12/24 V	9,929.00	33.09	139.96	531.27

### X. Walkie/Rider/High-Lift Counterbalanced Hand Trucks

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
1,500 lbs; 12/24 V	6,466.68	30.97	128.19	475.60
2,500 lbs; 12/24 V	14,032.03	58.97	241.26	883.98
3,000 lbs; 12/24 V	15,762.92	63.20	258.46	946.58
4,000 lbs; 12/24 V	35,050.00	129.23	525.47	1,912.12

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 16: OFFICE EQUIPMENT

### A. Air Conditioner

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
Office	304.99	3.74	16.22	63.16
Portable	1,737.56	6.31	26.85	102.54
2 tons; Spot Cooler	23,295.05	45.07	186.92	695.11
5 tons; Spot Cooler	35,853.08	67.64	280.17	1,040.30
12 tons; Spot Cooler	24,500.00	47.23	195.87	728.23

### B. Answering Machine

	64.58	0.28	1.14	4.23
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### C. Blue Print Machine

	1,899.00	13.50	56.77	214.22
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### D. Calculators

with Tape	84.59	0.35	1.46	5.38
	100.89	0.42	1.72	6.32

### E. Camcorder

Camcorder	255.00	1.24	5.24	19.90
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### F. Chairs

Swivel	189.99	0.90	3.62	13.04
Stool	89.99	2.26	9.51	36.01
Straight	129.99	2.44	10.27	38.75

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### G. Check Protector

	58.99	0.55	2.23	8.14
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### H. Cloud File Systems

E.g.: Panzura FD-6200; Stores DIM/VDC models	16,600.00	102.36	426.61	1,594.79
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### I. Coffee Machine

12-Cup	40.00	0.31	1.22	4.36
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### J. Computer Software

Computer Interface	199.00	1.02	4.35	16.69
ASA Firewall	798.99	5.55	23.33	87.95
Microsoft Excel or similar spreadsheet	84.99	0.72	2.93	10.69
Microsoft Word or similar word processor	84.99	0.72	2.93	10.69
Microsoft Office or similar	276.99	2.00	8.12	29.46

### K. Computers

17" LCD Monitor	129.00	0.53	2.16	7.93
Tablet, without Data Plan	156.59	0.64	2.60	9.52
CPU-Desktop	499.99	2.19	9.12	33.97
Chromebook	503.90	4.40	18.66	71.01
Laptop, without Data Plan	769.99	5.44	22.87	86.29
46" Monitor	889.89	5.91	24.77	93.17
iPad	929.00	6.06	25.39	95.42
Brady Printer Laptop	1,000.00	9.98	42.52	162.60
Foreman Desktop	1,317.95	11.23	47.56	180.86
iPad Pro	1,480.00	11.86	50.13	190.17

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
PM Desktop	1,497.89	11.93	50.41	191.19
Computer, with 50" Monitor	1,790.00	13.07	55.04	207.97
Computer, with 60" Monitor	1,885.00	13.45	56.55	213.42
Laptop Tablet	2,107.00	14.31	60.07	226.17
Computer, with Dual 50" Monitors	2,580.00	16.16	67.56	253.33
Bim Machine/Computer	13,067.89	88.54	370.64	1,391.98

## L. Copiers

Copy Machine, Tabletop	249.99	2.06	8.51	31.43
High Production Floor Type, Black and White, No Printing Functionality	549.99	7.52	31.53	118.65
Large Format	2,495.00	27.93	116.40	435.10

## M. Desk

	509.99	3.56	14.42	52.23
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## N. Drafting Tables

with Stool	559.99	3.89	15.77	57.12
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## O. Fax Machines

	199.99	1.49	6.04	21.93
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## P. File Cabinets

	266.89	1.94	7.85	28.47
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## Q. Folding Tables

	Est. Price \$	Day \$	Week \$	Month \$
4'	64.89	0.59	2.39	8.72
6'	171.34	1.30	5.27	19.13
8'	228.87	1.68	6.82	24.75

## R. Knack Data Vault

	6,061.00	17.21	75.18	294.80
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## S. Label Makers

Micro	153.63	0.84	3.63	14.08
Wireless	466.99	2.07	8.60	32.07
Desktop	2,499.99	15.85	66.29	248.73
Laser Engraving and Cutting Functionality	9,892.00	52.03	216.08	804.66

## T. Laser Etching Machine

Laser Engraver	9,900.00	52.06	216.21	805.12
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## U. Microwave Ovens

1.6 cubic ft.	246.88	2.04	8.40	31.05
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## V. Modular Workstations

	856.00	5.87	24.09	88.57
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### W. Networking Equipment

	Est. Price \$	Day \$	Week \$	Month \$
Wireless Access Point	109.95	0.67	2.94	11.57
POE Switch	4,500.00	23.67	97.99	363.57
Server	4,500.00	23.67	97.99	363.57

### X. Plan Tables

	199.99	1.49	6.04	21.93
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### Y. Plotters

E Size	1,899.00	23.07	96.40	361.42
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### Z. Printers

DPI Label Printer	332.29	1.54	6.46	24.34
Inkjet	329.99	2.72	11.19	41.32
Laser	499.99	4.10	16.90	62.34
Workgroup Scanner/Color Copier	879.99	10.21	42.60	159.45
Enterprise Scanner/Color Copier	999.99	11.19	46.63	174.29

### AA. Radio Equipment

Head Set, Multi-Channel Radio	258.75	1.25	5.30	20.12
Jobsite Radio, 18V	340.00	1.57	6.58	24.78
Citizens Band Radio	453.00	2.01	8.37	31.27
Radio Charger, Multi Port	510.00	4.42	18.75	71.36
Radio Repeater	2,110.00	14.33	60.11	226.34

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## AB. Scanners

Hi res / Legal	749.99	9.15	38.24	143.38
Large Format	3,499.00	36.12	150.09	559.23

## AC. Telephone

Office touch tone	129.99	1.06	4.36	16.07
Smartphone, with Data Plan	2,179.00	10.06	43.46	168.48

## AD. TVs

LCD TV with DVD Player	482.00	2.12	8.83	32.94
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## AE. Two-Way Radios

"Low End"	89.99	0.76	3.14	11.65
"High End"	135.99	1.13	4.68	17.34

## AF. Typewriters

	223.99	1.85	7.64	28.22
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## AG. Water Dispenser

Cooler	279.87	2.02	8.20	29.74
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 17: PAINTING EQUIPMENT

### A. Paint Sprayers

#### *Electric*

Paint Sprayer	350.00	14.65	62.03	235.66
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### B. Paint Tanks

#### *Manual*

2 gallon	94.99	0.50	2.00	7.13
5 gallon	723.25	3.80	15.20	54.31
10 gallon	950.00	4.99	19.97	71.34

### C. Pressure Pot Sprayer

#### *Electric*

8 cfm; with Compressor, 5 Gal Pot, Hose, and Gun	345.00	14.62	61.90	235.20
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Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

## SECTION 18: PIPE THREADING & CUTTING MACHINES

### A. Cut Grooving Machines

#### *Electric*

VG412 Orbital (with Power Drive and Stand)	33,420.16	51.87	212.33	778.40
VG28GD (with Power Mule)	33,638.16	52.18	213.56	782.85
VG26GD/MRL (with Power Mule)	40,271.50	61.51	251.17	918.21
VG824 (with Power Mule)	49,007.99	73.81	300.70	1,096.48
VG824/MRL (with Power Mule)	56,878.72	84.90	345.33	1,257.09

### B. Pipe Stands

V-Head, Tripod	71.99	2.17	9.17	34.77
Ball Transfer, Tripod	84.99	2.23	9.42	35.67
Adjustable Pipe Stand	134.55	2.47	10.36	39.07

### C. Pipe Threading & Cutting Machines

#### *Electric*

to 2"; 1/2" - 2" with pipe and bolt drive	1,955.00	18.94	80.40	306.45
to 2"; No bolt drive	2,133.00	19.51	82.72	314.84
to 2"; Pipe Cutter; Ridgid 300 power drive	5,201.10	29.33	122.57	459.49
to 2"; Collins 22A Threading Machine	6,667.43	34.03	141.62	528.62
to 2"; Power Threading Machine; Ridgid 1224	11,545.00	49.65	204.98	758.58
to 2"; Pipe Cutter; Ridgid 400 power drive	25,082.33	93.00	380.84	1,396.80
4" to 6"; E.g.: Collins	11,545.00	48.99	204.21	763.69
2" to 4"; E.g.: Collins	23,010.10	64.48	266.11	984.59
6" and over; E.g.: Watts W132-LPSC	1,499.00	10.44	44.42	169.68

#### *Manual*

3-Way Threaders	284.81	0.79	3.15	11.23
Drop Head Ratchet	1,499.00	4.14	16.56	59.13

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Est. Price \$    Day \$    Week \$    Month \$

### D. Pipe Threading Heads (Less Dies)

1/2 to 3/4"	430.25	1.19	4.75	16.97
1/4 to 1"	535.20	1.48	5.91	21.11
1/8 to 2"	602.70	1.66	6.66	23.77
1 to 2"; Geared	737.94	2.04	8.15	29.11
3/4 to 2"; Beveling and Grooving	1,124.85	3.11	12.42	44.37
2.5 to 4"; Beveling and Grooving	1,484.15	4.10	16.39	58.54
2.5 to 4"; Geared	2,949.51	8.14	32.58	116.34
4 to 6"; Geared	4,015.57	11.09	44.35	158.39

### E. Roll Grooving Machines

#### *Electric*

Vic-Easy Adjustable Pipe Stand	1,300.00	9.90	45.95	190.40
VE12 or VE26	1,399.00	10.07	46.66	193.06
VE226	1,485.00	10.22	47.28	195.37
VE272FS (with Power Drive and Stand)	9,999.00	24.91	108.47	423.97
VE268	16,154.27	35.53	152.71	589.25
VE416FS (with Power Drive and Stand)	19,999.00	42.16	180.34	692.48

### F. Threading Machines

#### *Electric*

to 1"; Portable	3,184.06	21.31	90.09	342.01
to 2"	3,184.06	21.31	90.09	342.01
1/2 to 4"	1,400.00	12.85	54.06	204.04
1/2 to 2"	649.00	14.75	63.44	244.88
2 to 4"	1,499.99	17.48	74.49	285.00
6 to 8"; E.g.: Ridgid 600 Power Drive	1,672.39	18.03	76.73	293.13
6 to 8"; E.g.: Ridgid 700 Power Drive	1,721.66	18.19	77.37	295.45

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 19: PLUMBERS EQUIPMENT

### A. Collaring Machines

#### *Electric*

e.g.: T-Drill Industries T-65	9,100.00	130.40	525.62	1,893.80
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### B. Flaring Tools

	43.98	0.45	1.83	6.68
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### C. Lead Pots

	71.49	0.63	2.57	9.37
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### D. Pipe Cutters

2"; Hand	25.98	0.56	2.71	11.69
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### E. Pipe Reamers

to 1"; Bit Brace Type	225.67	1.16	5.18	20.71
to 1-1/4"; Bit Brace Type	40.00	0.60	2.88	12.33
to 2"; Ratchet Type	40.00	0.60	2.88	12.33
to 2"; Bit Brace Type	70.00	0.69	3.25	13.68
to 3"; Ratchet Type	70.00	0.69	3.25	13.68

### F. Pvc Benders

#### *Electric*

1/2" to 5"	1,220.00	9.63	41.13	157.74
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### G. Pvc Heat Blankets

	705.00	1.95	7.79	27.81
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### H. Pvc Plug Sets

2" to 4"	628.50	3.30	13.21	47.20
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### I. Root & Sludge Cutters

#### *Electric*

1/2" to 75"; with Blades	1,975.00	6.74	28.90	111.21
3/4" to 80"; with Blades	2,775.00	8.41	35.76	136.56

### J. Sewer Plugs

4"; Single	49.45	0.48	1.97	7.21
6"; Single	109.65	0.89	3.60	13.10
4"; Double	165.55	1.26	5.11	18.56
6"; Double	296.70	2.14	8.66	31.38

### K. Snakes

#### *Manual*

5/16" x 25'; .75" to 4" Line	57.50	0.84	4.09	17.61
3/8" x 35'; Hand Held	93.10	0.92	4.41	18.75
5/8" x 100'; 3" to 10" Line	129.99	1.00	4.74	19.93
7/8" x 75'; 1.25" to 4" Line	291.28	1.36	6.16	25.07
1-1/4" x 125'; 2" to 8" Line	287.51	1.35	6.13	24.95

#### *Electric*

Ridgid Mini See Snake	5,375.00	53.10	226.25	865.37
Ridgid CS12X Reporting Monitor	4,029.00	48.42	207.23	796.33

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### L. Soldering Irons

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
Hand	32.98	0.14	0.59	2.19
Gun Type	39.48	0.17	0.70	2.62

### M. Test Balls

2" to 3"	154.31	1.18	4.81	17.46
3/4" to 1-1/2"	190.06	1.42	5.77	20.96
4"	208.88	1.55	6.28	22.80
5"	208.88	1.55	6.28	22.80
6"	134.00	1.05	4.26	15.48

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 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 20: PUMPS

### A. Acid Pump Heads

	658.00	6.54	26.26	94.21
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### B. Diaphragm Air Pumps

#### *Air*

1/2"	1,338.60	7.48	31.55	119.39
1"	1,855.95	9.05	38.00	143.11
2"	2,365.16	10.60	44.34	166.45

### C. Diaphragm Pumps

#### *Diesel*

2"	4,791.00	76.64	318.05	1,183.88
3"	4,996.00	77.73	322.50	1,200.19
4" and over	5,820.00	82.11	340.41	1,265.77

#### *Electric*

2"	2,898.00	55.08	228.80	852.46
3"	4,510.00	63.20	261.99	974.09
4" and over	8,735.96	82.73	342.03	1,267.99

#### *Gasoline*

2"	2,174.00	67.00	278.55	1,038.87
3"	2,187.00	67.07	278.85	1,039.96
4" and over	5,000.00	84.13	349.81	1,304.82

### D. Electric Submersible Pumps

1-1/4"	246.00	14.90	63.28	241.23
2"	1,899.00	25.31	105.49	394.50

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	Est. Price \$	Day \$	Week \$	Month \$
3"	2,897.00	37.67	156.49	583.12
4"	6,073.00	57.75	237.93	878.77
6"; Submersible (230 or 460 Volts)	24,472.00	174.07	709.73	2,591.50
8"; Submersible (230 or 460 Volts)	17,374.00	129.19	527.72	1,930.76

## E. Filtration Panels

### *Electric*

to 159 cfm; Allegro 9878 Breathing Air Inline Filtration Panel	2,135.00	24.52	101.44	376.24
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## F. Heavy Duty Centrifugal Pumps

### *Diesel*

3"	5,666.00	65.42	279.24	1,070.41
4"	17,506.00	148.04	639.82	2,483.15
6"	22,253.00	179.01	779.07	3,044.21
8"	41,558.00	253.70	1,086.92	4,181.78

### *Gasoline*

1-1/2"	1,289.00	56.31	237.07	896.00
2"	1,703.00	61.66	262.05	1,000.02
3"	2,635.00	65.02	274.80	1,042.75
4"	2,159.00	86.76	368.68	1,406.38
6"	9,888.00	132.14	561.30	2,140.23
8"	25,723.00	251.12	1,088.54	4,236.90

## G. Hoses

1-1/2"; 25' length	182.38	1.81	7.28	26.11
1-1/2"; 50' length	89.99	0.89	3.59	12.88
2"; 25' length	84.99	0.84	3.39	12.17
2"; 50' length	72.99	0.73	2.91	10.45
3"; 25' length	134.99	1.34	5.39	19.33
3"; 50' length	167.29	1.66	6.68	23.95

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	Est. Price \$	Day \$	Week \$	Month \$
4"; 25' length	189.99	1.89	7.58	27.20
4"; 50' length	229.99	2.29	9.18	32.93
6"; 25' length	229.99	2.29	9.18	32.93
6"; 50' length	334.99	3.33	13.37	47.96

## H. Hydraulic Pumps (Power Units)

### *Air*

9 cfm	680.40	5.80	24.62	93.78
12 cfm	850.50	6.40	27.06	102.71

### *Electric*

1/2 hp	709.37	6.04	25.85	99.32
1 hp	801.63	6.64	28.28	108.13

### *Gasoline*

6-1/2 hp	3,998.40	31.55	134.47	514.43
13 hp	7,046.59	46.55	195.91	739.93

### *Manual*

Hand, 1-Speed	459.24	3.62	16.21	65.12
200/10,000 psi; Hand, 2-Speed	614.05	4.35	19.26	76.43
400/10,000 psi; Hand, 2-Speed	989.58	6.14	26.66	103.88

## I. Refrigeration Vacuum

### *Electric*

	301.92	15.26	64.75	246.57
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## J. Self Priming Trash Pumps

### *Diesel*

2"	4,684.00	67.12	284.54	1,083.13
3"	5,984.00	82.34	357.02	1,389.63
4"	16,005.00	120.24	509.40	1,937.73



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## Owning & Operating Rate

	Est. Price \$	Day \$	Week \$	Month \$
6"	43,664.00	257.47	1,106.21	4,266.97
8"	47,250.00	283.27	1,215.36	4,682.78
10"	50,572.00	309.21	1,333.06	5,160.84

### Gasoline

1-1/2"	1,221.71	32.92	145.68	578.34
2"	3,199.00	45.67	201.48	797.54
3"	4,001.00	53.73	236.81	936.60
4"	14,497.00	151.26	679.43	2,735.22
6"	23,842.00	236.94	1,070.15	4,329.70

### Electric

3 to 4"; Submersible (230 or 460 Volts)	5,260.89	64.94	271.65	1,019.81
6"; Submersible (230 or 460 Volts)	7,656.54	75.84	315.79	1,179.74
8"; Submersible (230 or 460 Volts)	10,419.10	88.41	366.69	1,364.16

## K. Suction Hoses

### Manual

1-1/2" Diameter x 25' Length	203.28	1.92	7.72	27.71
2"Diameter x 25' Length	229.71	2.17	8.72	31.31
3" Diameter x 25' Length	354.72	3.35	13.47	48.35
4" Diameter x 25' Length	401.48	3.80	15.24	54.72
6"Diameter x 25' Length	1,397.55	13.21	53.07	190.49

## L. Test Pumps

### Air

	461.49	5.70	24.13	91.74
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### Electric

Hydraulic	589.00	0.78	3.13	11.17
High Vacuum	2,420.00	3.21	12.85	45.89
	2,508.10	3.33	13.32	47.56
Vacuum	4,019.08	5.33	21.34	76.21

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## *Gasoline*

	888.21	75.72	319.14	1,207.11
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## SECTION 21: SAFETY EQUIPMENT

### A. Arc Flash Safety Switches

#### *Electric*

Mini	1,920.00	13.58	57.10	215.43
	2,187.00	14.63	61.33	230.76

### B. Climbing/Positioning Belt With Fall Arrest

Line worker	112.00	0.90	3.66	13.33
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### C. Ear Plug Stations

	160.02	1.22	4.96	18.02
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### D. Eye Wash Stations

	295.00	2.12	8.61	31.22
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### E. Fire Extinguishers

5 lbs	268.80	11.81	47.33	169.47
10 lbs	98.38	4.50	18.06	64.71
15 lbs	300.99	13.19	52.86	189.25
20 lbs	331.60	14.50	58.12	208.07

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### F. First Aid Kits

	Est. Price \$	Day \$	Week \$	Month \$
Small	159.88	1.22	4.96	18.01
Large	272.48	1.97	8.00	29.02

### G. Flasher Barricades

	Est. Price \$	Day \$	Week \$	Month \$
Type 27 Barrier to Wood	200.00	0.43	1.71	6.13

### H. Garlock Cobra Lifelink

	Est. Price \$	Day \$	Week \$	Month \$
	7,570.50	50.73	205.23	742.48

### I. Gloves

	Est. Price \$	Day \$	Week \$	Month \$
High Voltage, resistant up to 1000V	54.45	0.52	2.11	7.70
High Voltage, resistant up to 20KV	140.60	1.09	4.44	16.12

### J. Guards

	Est. Price \$	Day \$	Week \$	Month \$
Toe	44.88	0.45	1.85	6.76
Foot	71.47	0.63	2.57	9.36

### K. Hard Hats

	Est. Price \$	Day \$	Week \$	Month \$
	19.52	0.28	1.17	4.29

### L. Life Preservers

	Est. Price \$	Day \$	Week \$	Month \$
Life Preserver, Safety Harness Orange	211.00	1.56	6.34	23.00

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### M. Light And Barricade Units

Single Light	56.95	0.53	2.18	7.94
Double Light	86.95	0.73	2.99	10.88

### N. Light, Battery-Powered – Flashing

	30.00	0.35	1.45	5.31
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### O. Lock/Out Tagouts

	13.75	0.25	1.01	3.72
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### P. Man Hole Lid Lifting Tools

Manhole Cover Hook	42.84	0.44	1.80	6.57
Manhole Cover Lifter	1,838.00	12.43	50.31	182.06

### Q. Man Hole Safety Railing Barricades

	297.78	2.14	8.69	31.49
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### R. Man Hole Shelter Tents

	267.95	1.94	7.88	28.57
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### S. Navigation Systems

GPS Navigator, Portable	189.99	0.98	4.21	16.17
GPS, Handheld	1,990.00	13.86	58.21	219.45
GPS Positioning Receiver	3,530.00	19.88	82.61	307.88

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### T. Perimeter Stands

with 6 Posts and 100' of Metal Chain	959.97	6.57	26.58	96.23
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### U. Personal Fall Arrest Systems

100' Detachable Self Rescue System	572.08	3.98	16.10	58.30
115' Vertical Lifeline	464.50	3.26	13.19	47.79
Bosun's Chair	373.27	2.65	10.73	38.87
Harness	69.99	0.62	2.53	9.22
Lanyard	37.99	0.41	1.66	6.09
Lanyard with Rebar Hook	71.50	0.63	2.57	9.37
Lanyard Extension	47.46	0.47	1.92	7.02
Lanyard, 1"x3'	108.50	0.88	3.57	12.98
Lanyard, 3' Rope Adjuster	163.20	1.24	5.05	18.33
Lanyard, 6' 2 Leg with Rebar Hook	189.00	1.42	5.75	20.85
Lanyard, Retractable Tie-Back	376.54	2.67	10.81	39.19
Lanyard, Self Retract 6', 2 Leg	359.67	2.56	10.36	37.54
Lanyard, Shockwave 6'	115.00	0.92	3.75	13.62
Lanyard, Twin Retractable	381.95	2.71	10.96	39.72
Lifeline, 50'	91.50	0.76	3.11	11.32
Lifeline, 100'	109.99	0.89	3.61	13.13
Pole Strap, Nylon	525.88	3.67	14.85	53.79
Manhole Retrieval System with 50' Cable	5,064.95	33.99	137.52	497.53
Positioning Harness	119.68	0.95	3.87	14.08
Retractable Lifeline	291.68	2.10	8.52	30.89
Rope Grab	133.10	1.04	4.23	15.39
Safety Rescue System, 325'	1,627.00	11.02	44.61	161.44
Trailing Rope Grab with Lanyard	282.07	2.04	8.26	29.95

### V. Rain Coat

	62.25	0.57	2.32	8.46
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### W. Rain Suit

	121.86	0.97	3.93	14.29
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### X. Respirator, Air Line

Respirator, Air Line	1,319.26	8.97	36.29	131.35
Respirator, Air Line with SCBA (5 minute)	2,817.90	18.98	76.79	277.86

### Y. Retractable Lifelines

11'; Lifeline, Retractable	425.00	2.99	12.12	43.93
15'; Lifeline, Retractable	591.35	4.10	16.62	60.19
20'; Lifeline, Retractable	669.50	4.63	18.73	67.83
25'; Lifeline, Retractable	820.82	5.64	22.82	82.62
30'; Lifeline, Retractable	881.00	6.04	24.45	88.51
50'; Lifeline, Retractable	1,067.50	7.29	29.49	106.74
60'; Lifeline, Retractable	1,500.00	10.17	41.17	149.02
66'; Lifeline, Retractable	1,809.60	12.24	49.54	179.29
75'; Lifeline, Retractable	1,884.04	12.74	51.55	186.56
85'; Lifeline, Retractable	2,945.00	19.83	80.22	290.29

### Z. Rubber Boots

Non-Safety toe	22.64	0.30	1.25	4.59
Safety toe; Up to Knee	40.20	0.42	1.72	6.31
Safety toe; Up to Hip	86.36	0.73	2.97	10.82

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AA. Rubber Insulated Gloves

	Est. Price \$	Day \$	Week \$	Month \$
Class 1	185.24	1.39	5.64	20.49
Class 2	265.32	1.93	7.81	28.32
Class 3	286.51	2.07	8.38	30.39
Class 4	551.76	3.84	15.55	56.32

### AB. Rubber Insulating Blanket

	163.63	1.25	5.06	18.37
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### AC. Rubber Insulating Equipment

Temporary Personal Protective Grounding Equipment	424.73	2.99	12.12	43.90
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### AD. Security Hardware

Camera, Infrared Lens	69.99	0.30	1.23	4.54
Bosch Security Programming Console	115.50	0.69	3.03	11.89
Camera Tester for CCTV and IP	399.00	1.80	7.52	28.17
Camera Installation Device	649.00	4.97	20.96	79.34
Camera Installation Device, Wireless	599.00	4.77	20.16	76.47

### AE. Self Contained Breathing Apparatus (Scba)

30 minute	2,817.90	18.98	76.79	277.86
60 minute	4,040.00	27.14	109.82	397.33

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AF. Spill Cleanup Kit

with Cabinet	423.13	2.00	8.05	29.03
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### AG. Standard Face Shields

	40.64	0.43	1.74	6.35
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### AH. Storage Cabinet For Flammable Liquids

Gas Can Storage Cabinet, 30 gallon	660.00	4.56	18.47	66.90
Gas Cylinder Storage Cabinet	757.00	5.21	21.10	76.38
Gas Can Storage Cabinet, 45 gallon	770.00	5.30	21.45	77.65
Gas Can Storage Cabinet, 90 gallon	1,190.00	8.10	32.80	118.71
Gas Can Storage Cabinet, 60 gallon	1,549.99	10.51	42.53	153.91

### AI. Temporary Folding Barricades

	701.80	4.84	19.60	70.99
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### AJ. Traffic Cones

18"	7.00	0.20	0.81	3.01
28"	22.00	0.29	1.19	4.37
36"	28.00	0.33	1.34	4.91



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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## AK. Trailer Mounted Arrow Boards

### *Diesel*

Tailer, Arrow Board	8,900.00	47.81	201.86	765.10
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### *Gasoline*

Tailer, Arrow Board	5,088.00	35.13	151.03	583.15
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### *Solar*

Tailer, Arrow Board	5,088.00	35.13	151.03	583.15
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## AL. Vehicle Hood Lights

	904.05	6.19	25.07	90.76
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## AM. Warning Fence, Orange Net

50' length; 4' height	27.27	0.06	0.23	0.84
100' length; 4' height	42.00	0.43	1.77	6.48

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<b>SECTION 22: SCAFFOLDING</b>	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$

## A. Aluminum Staging

### *Electric*

21'; with Elevating Equipment	3,149.84	7.94	33.74	128.69
24'; with Elevating Equipment	3,995.00	86.62	383.33	1,521.71
30'; with Elevating Equipment	4,595.00	11.03	46.47	175.67
36'; with Elevating Equipment	5,195.00	12.32	51.76	195.17

### *Manual*

24'; Stage Only	612.63	4.91	21.04	80.87
30'; Stage Only	775.93	5.90	25.05	95.42
with Swing	2,650.00	17.28	71.12	262.37

## B. Base Plate Extension Post

	198.00	2.23	10.16	41.49
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## C. Casters

5"; with Lock	29.46	0.35	1.43	5.26
6" to 8"; 6" stem	79.86	0.69	2.80	10.18
4" to 5"; 6" stem	70.30	0.65	2.84	11.18
5" to 8"; Adjustable Stem	96.97	0.80	3.26	11.86

## D. Frames

2'; 5' X 7' Platform Area	108.83	1.85	8.61	35.86
12'; 5' X 7' Platform Area	400.00	3.28	14.43	57.00
16'; 5' X 7' Platform Area	1,100.00	6.92	29.22	110.72

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### E. Guard Rails

6'	250.00	2.69	12.04	48.26
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### F. Planks

12'; Wood	265.52	1.83	7.63	28.59
20'; Wood	406.79	2.67	11.06	41.00
26'; Wood	526.76	3.39	13.96	51.54
8'; Aluminum	323.95	3.13	13.83	54.76
10'; Aluminum	245.90	2.67	11.94	47.90
16'; Aluminum	230.85	2.58	11.57	46.58
22'; Aluminum	859.36	6.34	26.81	101.79
24'; Aluminum	432.38	3.78	16.46	64.28
32'; Aluminum	943.13	6.84	28.84	109.15

### G. Sectional Steel Scaffolding

2'; End Frame; 5 x 7'	64.37	1.58	7.54	31.95
3'; End Frame; 5 x 7'	60.61	1.56	7.45	31.62
4'; End Frame; 5 x 7'	82.69	1.69	7.98	33.56
5'; End Frame; 5 x 7'	108.83	1.85	8.61	35.86
6'; End Frame; 5 x 7'	116.14	1.89	8.79	36.50
7'; End Frame; 5 x 7'	811.00	5.42	23.11	88.54

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 23: SHEET METAL EQUIPMENT

### A. Angle Iron

2"; 1/4" diameter	630.00	8.69	35.42	129.31
3"; 3/8" diameter	649.50	8.85	36.08	131.69

### B. Bar Folders

30"; 22 ga., Bench	4,090.00	9.51	38.71	141.07
30"; 22 ga., with Floor Stand	4,657.00	10.76	43.75	159.17
36"; 20 ga., Bench	5,600.00	12.84	52.12	189.27
36"; 20 ga., with Floor Stand	6,067.00	13.87	56.27	204.18

### C. Beading Machines

#### *Electric*

18 ga.; Floor Stand; 5' Sheet Bearer	4,521.23	22.59	92.71	340.78
18 ga.; Floor Stand; 6' Sheet Bearer	5,800.83	28.45	116.24	425.32
18 ga.; Floor Stand	11,004.51	52.25	211.94	769.11

#### *Manual*

24 ga.; Bench Stand	1,040.74	5.65	23.60	88.40
20 ga.; Bench Stand	1,962.04	10.02	41.33	152.68
18 ga.; Floor Pedestal	5,459.60	26.62	108.60	396.74

### D. Cheek Benders

#### *Air*

1/4"; Flanger	911.00	4.10	18.61	75.60
7/16"; Snaplock	8,164.71	25.34	109.69	426.28
1/4" to "7/8"; Bench Stand	816.47	2.51	10.81	41.84
1/4" to "7/8"; Floor Stand	1,012.42	2.94	12.54	48.09
24"; 20 ga., Table	9,990.15	25.35	106.29	399.93

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
30"; 20 ga., Table	10,989.17	27.67	115.85	435.19
36"; 20 ga., Table	12,321.19	30.76	128.58	482.20
36"; 18 ga., Table	13,819.71	34.24	142.91	535.09

## **Manual**

1/4" to "7/8"; Bench Stand	816.47	2.51	10.81	41.84
1/4" to "7/8"; Floor Stand	1,012.42	2.94	12.54	48.09

## **Electric**

18"; 20 ga., Bench	632.71	4.06	18.98	79.23
24"; 20 ga., Bench	932.41	4.73	21.75	89.36
18"; 20 ga., with Floor Stand	965.71	4.81	22.05	90.49
24"; 20 ga., with Floor Stand	1,265.42	5.48	24.82	100.62
30"; 20 ga., Bench	1,570.00	6.17	27.63	110.91
24"; 20 ga., Table	10,656.16	26.65	111.42	417.97

## **E. Combination Rotary Machines**

### **Manual**

22 to 24 ga.; 7' Throat Depth; Bench Stand	1,295.46	7.03	29.99	114.89
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## **F. Crimping/Beading Machines**

### **Electric**

Ridgid ProPress 100B	1,900.00	10.60	44.50	167.60
Ridgid ProPress 320E	1,900.00	10.60	44.50	167.60
Ridgid ProPress CT400	4,000.00	20.21	83.12	306.34

## **G. Cleat Benders**

### **Electric**

30"; 20 ga., with Floor Stand	1,798.23	6.68	29.73	118.62
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### H. Crimping/Beading Machines

#### *Manual*

24 ga.; Battery	3,699.00	18.24	76.49	287.81
24 ga.; Battery, 15 tons	6,635.09	32.14	134.35	503.73
24 ga.; Battery, Ferrule	500.00	3.09	13.44	52.55
24 ga.; Bench Stand	1,126.49	6.05	25.79	98.62
20 ga.; Bench Stand	1,971.35	10.05	42.44	160.75
24 ga.; BG and D3	906.97	5.01	21.46	82.48
24 ga.; Contact 6F	319.00	2.23	9.87	39.24
24 ga.; Contour	239.50	1.85	8.31	33.39
24 ga.; Battery, Dieless	3,899.00	19.18	80.43	302.52
24 ga.; Crimper, RG8 Deluxe Coax Crimp Kit	6,928.00	33.53	140.12	525.27
24 ga.; D3 and O	304.81	2.16	9.59	38.19
24 ga.; e.g.: Ridgid ProPress CT400	1,527.40	7.95	33.69	128.11
24 ga.; Ferrule 4-2AWG	295.00	2.11	9.40	37.47
24 ga.; Ferrule 8-6AWG	383.59	2.53	11.15	43.99
24 ga.; Ferrule, 26-10AWG	383.59	2.53	11.15	43.99
24 ga.; Ferrule, Weidmuller	195.42	1.64	7.44	30.15
24 ga.; ga. Tester	2,095.84	10.64	44.89	169.91
24 ga.; Hand Ratchet	1,069.00	5.78	24.65	94.39
24 ga.; Hand Rotating	282.12	2.05	9.15	36.53
24 ga.; Handheld, 26 to 1/0	690.67	3.99	17.20	66.57
24 ga.; Hydraulic Pump	3,660.87	18.06	75.73	285.00
24 ga.; MC4 Solar	342.71	2.34	10.34	40.98
24 ga.; O and D3	643.04	3.76	16.26	63.07
24 ga.; Remote Head, 60 tons	2,650.67	13.27	55.83	210.71
24 ga.; RG8 Deluxe Coax Crimp Kit	99.73	1.19	5.55	23.11
24 ga.; RJ11/45	148.46	1.42	6.51	26.70

### I. Fiberglass Duct Grooving Machines

#### *Electric*

	14,560.00	68.51	277.32	1,004.01
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### J. Foot Squaring Shears

16 ga.; 37" Cutting Length	3,800.00	10.12	46.91	194.18
16 ga.; 52" Cutting Length	3,827.60	10.17	47.12	195.06
16 ga.; 37" Cutting Length; with sq. arm	3,898.48	10.29	47.69	197.31
16 ga.; 52" Cutting Length; with sq. arm	4,819.94	11.93	55.00	226.54
16 ga.; 52" with 18" slitting Cutting Length; gap type	16,302.73	32.39	146.18	590.83

### K. Gap Frame & Ob Presses

#### *Electric*

5 tons; OBI Flywheel; 3-3/4" Throat Depth	6,855.72	20.58	91.57	365.32
5 tons; OBI Flywheel; 9-1/2" Throat Depth	8,368.91	23.78	105.35	418.62
5 tons; OBI Geared; 3-3/4" Throat Depth	8,368.91	23.78	105.35	418.62
5 tons; OBI Geared; 9-1/2" Throat Depth	9,882.09	26.98	119.13	471.91
7 tons; Gap Frame Hydraulic; 10" Throat Depth	6,855.72	20.58	91.57	365.32
8 to 9 tons; Gap Frame Hydraulic; 24" Throat Depth	9,125.50	25.38	112.24	445.26
10 tons; OBI Flywheel; 4-1/4" Throat Depth	9,629.89	26.45	116.83	463.03
10 tons; OBI Geared; 4-1/4" Throat Depth	11,143.07	29.64	130.61	516.33
12 tons; Gap Frame Hydraulic; 24" Throat Depth	11,143.07	29.64	130.61	516.33
15 tons; Gap Frame Flywheel; 5-1/2" Throat Depth	28,082.43	37.54	164.83	649.48
15 tons; OBI Flywheel; 12-1/2" Throat Depth	24,835.15	34.17	150.50	594.71
15 tons; OBI Flywheel; 5-3/4" Throat Depth	23,443.46	32.73	144.36	571.23
15 tons; OBI Geared; 12-1/2" Throat Depth	26,690.74	36.09	158.69	626.01
15 tons; OBI Geared; 5-3/4" Throat Depth	24,835.15	34.17	150.50	594.71
25 tons; Gap Frame Flywheel; 6-3/4" Throat Depth	38,752.04	48.59	211.91	829.46
25 tons; Gap Frame Hydraulic; 24" Throat Depth	20,196.19	29.36	130.03	516.46
25 tons; OBI Flywheel; 15-1/4" Throat Depth	31,793.60	41.38	181.20	712.08
25 tons; OBI Flywheel; 7-1/2" Throat Depth	30,401.91	39.94	175.06	688.61
25 tons; OBI Geared; 15-1/4" Throat Depth	33,649.18	43.31	189.39	743.38

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
25 tons; OBI Geared; 7-1/2" Throat Depth	31,793.60	41.38	181.20	712.08
32 tons; OBI Flywheel; 15" Throat Depth	36,896.46	46.67	203.72	798.16
32 tons; OBI Geared; 15" Throat Depth	38,752.04	48.59	211.91	829.46
40 tons; Gap Frame Fly Wheel; 8-1/2" Throat Depth	48,957.76	59.17	256.95	1,001.61
40 tons; OBI Flywheel; 18-1/2" Throat Depth	41,535.42	51.48	224.19	876.41
40 tons; OBI Flywheel; 9-1/2" Throat Depth	39,679.83	49.56	216.01	845.11
40 tons; OBI Geared; 18-1/2" Throat Depth	42,927.11	52.92	230.34	899.88
40 tons; OBI Geared; 9-1/2" Throat Depth	41,071.52	51.00	222.15	868.58
55 tons; OBI Flywheel; 18" Throat Depth	44,689.73	57.83	262.44	1,066.26
55 tons; OBI Geared; 18" Throat Depth	45,857.53	59.06	267.92	1,088.15
60 to 70 tons; OBI Flywheel; 10-1/2" to 21-1/2" Throat Depth	52,864.39	66.43	300.78	1,219.52
60 to 70 tons; OBI Geared; 10-1/2" to 21-1/2" Throat Depth	54,032.20	67.66	306.26	1,241.42
85 to 95 tons; OBI Flywheel; 13" to 24" Throat Depth	75,052.77	89.77	404.84	1,635.53
85 to 95 tons; OBI Geared; 13" to 24" Throat Depth	76,804.48	91.61	413.06	1,668.37
110 to 120 tons; OBI Flywheel; 14-3/4" to 24" Throat Depth	84,717.96	184.51	789.74	3,034.66
110 to 120 tons; OBI Geared; 14-3/4" to 24" Throat Depth	86,218.39	187.49	802.30	3,082.28

## L. Hand Brakes

### *Manual*

4' X 22 ga.; Straight (Bench)	868.72	3.11	13.27	50.73
4' X 22 ga.; Straight (with Stand)	1,290.67	4.28	17.97	67.71
4' X 22 ga.; Universal (Bench)	1,092.11	4.23	18.28	70.82
4' X 22 ga.; Universal (with Stand)	1,538.88	5.48	23.31	89.03
4' X 16 ga.; Straight (Bench)	2,333.14	7.15	29.58	109.65
4' X 16 ga.; Straight (with Stand)	2,730.27	8.25	34.01	125.63
4' X 16 ga.; Universal	3,723.10	46,327.00	47.91	178.07
8' X 18 ga.; Straight	5,336.44	15.44	63.05	230.49
8' X 16 ga.; Straight	5,708.75	16.47	67.19	245.47
4' X 14 ga.; Universal	5,584.65	16.74	68.88	253.96



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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4' X 12 ga.; Straight	5,832.86	16.81	68.58	250.46
10' X 18 ga.; Straight	6,453.37	18.52	75.49	275.43
6' x 12 ga.; Straight	6,577.48	18.86	76.87	280.42
10' X 16 ga.; Straight	8,190.82	23.32	94.85	345.33
8' X 12 ga.; Straight	9,059.54	25.71	104.53	380.29
4' X 12 ga.; Universal	9,431.85	27.45	112.21	410.79
10' X 14 ga.; Straight	9,928.26	28.11	114.21	415.24
6' X 12 ga.; Universal	13,279.05	38.15	155.54	567.63
8' X 12 ga.; Universal	17,870.88	50.93	207.26	754.81
10' X 14 ga.; Universal	18,739.60	53.35	217.04	790.23
10' X 12 ga.; Universal	27,923.24	78.91	320.48	1,164.61

## M. Hand Notchers

### *Manual*

16 ga.; Bench	1,836.15	5.73	25.76	103.70
16 ga.; Floor Stand	2,333.44	6.90	30.79	123.25
16 to 18 ga.; Bench	2,792.48	7.97	35.44	141.28
16 to 18 ga.; Floor Stand	3,634.05	9.94	43.95	174.35
11 ga.; Floor Stand	5,355.44	13.97	61.38	241.99

## N. Hydraulic Notchers

### *Electric*

11 ga.; 5" X 5"	8,955.75	21-3/4	96.46	383.74
16 ga.; 6" X 6"	9,530.13	22.81	101.06	401.66
11 ga.; 7-1/2" X 7-1/2"	11,827.65	27.04	119.44	473.34
8 to 10 ga.; 8" to 10"	14,986.75	32.86	144.73	571.89
3 ga.; 10" X 10"	23,315.27	48.21	211.39	831.72

## O. Hydraulic Press Brakes

### *Electric*

20 tons; 4'	39,079.48	45.16	200.00	794.45
20 tons; 6'	40,095.27	46.14	204.21	810.79
40 tons; 4'	45,682.12	51.48	227.34	900.61

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
40 tons; 6'	46,697.91	52.46	231.55	916.94
60 tons; 6'	49,745.28	55.37	244.17	965.94
60 tons; 8'	52,792.65	58.29	256.78	1,014.94
60 tons; 10'	55,840.02	61.21	269.40	1,063.93
100 tons; 10'	65,997.92	70.93	311.46	1,227.25
100 tons; 12'	73,108.45	77.74	340.90	1,341.58
140 tons; 10'	88,853.20	92.81	406.09	1,594.73
140 tons; 12'	92,408.47	96.21	420.81	1,651.89

## P. Hydraulic Squaring Shears

### *Electric*

16 ga.; Front, Back, Side ga. Type; 5' Cutting Length	10,208.10	24.91	113.69	464.17
10 ga.; Push Buttons ga. Type; 6' Cutting Length	40,257.17	70.00	310.73	1,237.00
10 ga.; Push Buttons ga. Type; 8' Cutting Length	49,558.08	83.96	371.72	1,476.20
10 ga.; Push Buttons ga. Type; 10' Cutting Length	69,590.79	114.02	503.08	1,991.42
3 ga.; Power Back/Lt. Beam Gauge Type; 10' Cutting Length	71,021.70	116.17	512.46	2,028.22

## Q. Ironworkers

### *Electric*

40 tons; 3 X 3 X 5/16"	13,145.24	38.84	161.84	604.85
50 tons; 4 X 4 X 3/8"	16,810.39	47.87	199.09	742.64
50 tons; 6 X 6 X 1/2"	22,974.52	63.05	261.75	974.37
60 tons; 4 X 4 X 1/2"	27,639.26	74.54	309.17	1,149.74
65 tons; 6 X 6 X 3/8"	19,975.76	55.67	231.27	861.64
90 tons; 6 X 6 X 1/2"	27,639.26	74.54	309.17	1,149.74
85 tons; 6 X 6 X 1/2"	31,471.01	83.98	348.12	1,293.79
120 tons; 6 X 6 X 1/2"	35,136.16	93.01	385.38	1,431.58

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### R. Manual Bench Shears

	Est. Price \$	Day \$	Week \$	Month \$
24 ga.; 12" Cutting Length	850.00	4.65	19.03	69.71
20 ga.; 25" Cutting Length	1,980.00	10.51	42.73	155.39

### S. Mechanical Press Brakes

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
25 tons; 4'	33,693.37	26.63	112.00	422.79
25 tons; 6'	35,781.72	28.00	117.62	443.40
25 tons; 8'	37,347.98	29.02	121.83	458.86
35 tons; 4'	39,958.41	30.74	128.85	484.61
35 tons; 6'	41,002.58	31.42	131.66	494.92
35 tons; 8'	42,046.76	32.11	134.46	505.22
45 tons; 4'	44,135.10	33.48	140.08	525.83
45 tons; 6'	45,179.28	34.16	142.88	536.13
45 tons; 8'	46,745.54	35.19	147.10	551.58
45 tons; 10'	47,789.71	35.88	149.90	561.89
70 tons; 6'	58,753.52	43.07	179.38	670.07
70 tons; 8'	60,841.87	44.44	185.00	690.68
70 tons; 10'	62,408.13	45.47	189.21	706.13
70 tons; 12'	63,452.30	46.15	192.02	716.43
100 tons; 6'	60,841.87	44.44	185.00	690.68
100 tons; 8'	62,408.13	45.47	189.21	706.13
100 tons; 10'	63,974.39	46.50	193.42	721.59
100 tons; 12'	65,540.65	47.52	197.63	737.04
150 tons; 6'	80,681.16	57.46	238.34	886.44
150 tons; 8'	82,769.50	58.83	243.95	907.04
150 tons; 10'	85,379.94	60.54	250.97	932.80
150 tons; 12'	93,733.32	66.02	273.43	1,015.23

### T. Mechanical Squaring Shears

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
10 ga.; 3' Cutting Length	18,025.00	31.30	137.78	544.27
10 ga.; 5' Cutting Length	19,750.00	33.50	147.27	581.09

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
14 ga.; 6' Cutting Length	20,185.00	34.05	149.66	590.37
14 ga.; 8' Cutting Length	20,600.00	34.58	151.95	599.23
14 ga.; 10' Cutting Length	24,185.00	39.15	171.67	675.73

## U. Multi-Head Duct Notchers

### *Electric*

18 to 20 ga.; 5(3 "V"/2 Corner)	13,523.07	26.58	110.72	413.57
16 ga.; 3(1 "V"/2 Corner)	13,282.37	26.18	109.06	407.51
16 ga.; 5(3"V"/2 Corner)	15,207.91	29.42	122.32	456.03

## V. Portable Hydraulic Punches

### *Hydraulic*

2.5" to 4"	4,186.13	10.74	44.04	161.71
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### *Electric*

4" and over	5,706.53	17.50	77.62	308.72
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## W. Powder Actuated Fasteners

Metal	609.94	7.48	31.02	115.33
Concrete	866.99	9.82	40.44	149.22

## X. Power Flangers

### *Electric*

20 to 30 ga.; 3/16" to 7/32" Flange Height	4,952.77	23.10	95.49	353.79
18 to 26 ga.; 1/4" to 7/16" Flange Height	4,252.89	20.35	84.39	313.72
16 to 24 ga.; 3/8" Flange Height	4,052.92	19.57	81.21	302.27
14 to 22 ga.; 1/4" to 1/2" Flange Height	9,951.94	42.77	174.83	640.01
18 to 28 ga.; 5/16" to 7/16" with Punch Flange Height	5,152.74	23.89	98.67	365.24

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### Y. Power Rolls

#### *Electric*

16 to 18 ga.; 48" X 3"	9,112.12	19.65	82.79	313.04
16 ga.; 36" X 3"	10,124.57	21.41	89.86	338.47
10 ga.; 40" X 5"	21,869.08	41.80	171.92	633.50
10 ga.; 60" X 5"	25,108.94	47.43	194.56	714.88

### Z. Punches

#### *Hydraulic*

1/2" to 2"; 20 tons; without Hydraulic Pump, Punch, or Dies	2,576.08	6.89	28.48	105.58
1/2" to 4"; 30 tons; without Hydraulic Pump, Punch, or Dies	3,123.50	8.20	33.77	124.67
1/2" to 2"; 50 tons; without Hydraulic Pump, Punch, or Dies	4,148.01	10.65	43.67	160.38
1/2" to 6"; 20 tons; without Hydraulic Pump, Punch, or Dies	5,152.16	13.06	53.38	195.39
1/2" to 6"; 30 tons; without Hydraulic Pump, Punch, or Dies	5,152.16	13.06	53.38	195.39

#### *Manual*

1/2" to 2"	329.00	1.35	5.89	23.04
2-1/2"; 12 tons; Lever Press	2,784.50	9.63	40.89	155.77
3"	595.00	2.25	9.68	37.42
6"; 10 tons; Lever Press	716.00	3.37	14.99	59.74
4"	1,065.00	3.83	16.38	62.83
12"; 10 tons; Lever Press	1,790.00	7.00	30.30	117.79
18"; 5 tons;' Press	3,977.85	14.38	61.48	236.06
24"; 8 tons;' Press	1,869.63	7.26	31.43	122.10

### AA. Ring & Circle Shears

3-1/4"-42-1/2"	4,965.00	15.03	64.05	245.10
20 ga.	4,840.00	25.36	102.72	372.24

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<b>AB. Roll Forming Machines</b>				
<i><b>Electric</b></i>				
TDC Clip; 14 Stations	28,950.00	57.61	244.67	932.82
24 ga.; Pittsburgh Lock; 5 Stations	5,463.50	17.08	75.87	302.19
24 ga.; Reeves Snap Lock; 7 Stations	16,157.17	35.53	152.73	589.32
24 ga.; Reeves Snap Lock; 9 Stations	25,635.66	51.89	220.85	843.83
24 ga.; Snap Lock B.P.; 7 Stations	10,567.30	25.89	112.55	439.23
24 ga.; Snap Lock B.P.; 8 Stations	10,324.26	25.47	110.81	432.71
24 ga.; with Power Flanger; 5 Stations	7,407.80	20.44	89.85	354.40
22 ga.; "S" Cleat; 12 Stations	16,400.21	35.95	154.47	595.85
22 ga.; "S" Cleat; 8 Stations	11,053.37	26.73	116.05	452.28
22 ga.; "S" Cleat; 9 Stations	14,698.94	33.02	142.25	550.17
22 ga.; 1/2" Pitts; 11 Stations	20,774.90	43.50	185.91	713.31
22 ga.; Pittsburgh Lock; 5 Stations	5,220.46	16.66	74.13	295.67
22 ga.; S & Drive with Slitter; 8 Stations	12,754.64	29.66	128.27	497.96
22 ga.; S & Drive with Slitter; 9 Stations	16,886.29	36.79	157.97	608.90
22 ga.; Standing "S"; 11 Stations	17,129.33	37.21	159.71	615.43
22 ga.; with 3 in 1; 12 Stations	17,615.40	38.05	163.21	628.48
22 ga.; with 3 in 1; 8 Stations	13,240.72	30.50	131.77	511.02
22 ga.; with 3 in 1; 9 Stations	17,615.40	38.05	163.21	628.48
22 ga.; with 5/16" Pitts.; 12 Stations	18,101.48	38.89	166.70	641-1/23
22 ga.; with 5/16" Pitts; 8 Stations	12,997.68	30.08	130.02	504.49
22 ga.; with 5/16" Pitts; 9 Stations	17,129.33	37.21	159.71	615.43
22 ga.; with B.P. Snap Lock; 11 Stations	20,288.82	42.66	182.42	700.26
22 ga.; with B.P. Snap Lock; 12 Stations	19,073.63	40.57	173.69	667.63
22 ga.; with B.P. Snap Lock; 8 Stations	13,726.79	31.34	135.26	524.07
22 ga.; with B.P. Snap Lock; 9 Stations	18,587.55	39.73	170.19	654.58
22 ga.; with Double Seam; 5 Stations	5,949.57	17.92	79.37	315.24
22 ga.; with Drive Cleat; 5 Stations	5,949.57	17.92	79.37	315.24
22 ga.; with Right Angle Flange; 5 Stations	5,949.57	17.92	79.37	315.24
22 ga.; with Standing Seam; 12 Stations	18,344.52	39.31	168.45	648.06
20-22 ga.; "S" and Drive Cleat; 8 Stations	12,511.60	29.24	126.53	491.44
20-22 ga.; "S" and Drive Cleat; 9 Stations	12,754.64	29.66	128.27	497.96
20-22 ga.; with 1/2" Pitts.; 9 Stations	16,157.17	35.53	152.73	589.32
20-22 ga.; with 3 in 1; 8 Stations	13,969.83	31.76	137.01	530.59
20-22 ga.; with 5/16" Pitts; 8 Stations	14,455.91	32.60	140.50	543.64

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
20-22 ga.; with 5/16" Pitts; 9 Stations	14,698.94	33.02	142.25	550.17
20-22 ga.; with B.P. Snap Lock; 8 Stations	15,428.06	34.28	147.49	569.75
20-22 ga.; with B.P. Snap Lock; 9 Stations	15,671.10	34.70	149.23	576.27
20-22 ga.; with Cutter; 9 Stations	15,671.10	34.70	149.23	576.27
20-22 ga.; with Standing Seam; 8 Stations	14,698.94	33.02	142.25	550.17
20 ga.; Drive Cleat; 8 Stations	10,324.26	25.47	110.81	432.71
20 ga.; Pittsburgh Lock; 5 Stations	5,220.46	16.66	74.13	295.67
20 ga.; Pittsburgh Lock; 8 Stations	8,622.99	22.54	98.58	387.03
20 ga.; S & Drive with Slitter; 8 Stations	14,941.98	33.44	143.99	556.70
20 ga.; Snap Lock B.P.; 8 Stations	11,782.49	27.99	121.29	471.86
20 ga.; Snap Lock B.P.; 9 Stations	11,782.49	27.99	121.29	471.86
20 ga.; Standing "S"; 10 Stations	21,990.09	45.60	194.65	745.94
20 ga.; Standing "S"; 12 Stations	32,683.77	64.05	271-1/2	1,033.07
20 ga.; Standing Slip; 14 Stations	37,787.57	72.85	308.18	1,170.11
20 ga.; with 1/2" Pitts.; 10 Stations	26,121.74	52.73	224.34	856.88
20 ga.; with 1/2" Pitts.; 12 Stations	35,600.22	69.08	292.46	1,111.38
20 ga.; with 3 in 1; 10 Stations	28,066.04	56.08	238.32	909.08
20 ga.; with 3 in 1; 12 Stations	37,544.53	72.44	306.44	1,163.59
20 ga.; with 3 in 1; 8 Stations	12,511.60	29.24	126.53	491.44
20 ga.; with 5/16" Pitts.; 8 Stations	12,025.53	28.41	123.03	478.39
20 ga.; with 5/16" Pitts.; 10 Stations	23,934.39	48.95	208.62	798.15
20 ga.; with B.P. Snap Lock; 12 Stations	36,572.38	70.76	299.45	1,137.49
20 ga.; with B.P. Snap Lock; 8 Stations	12,997.68	30.08	130.02	504.49
20 ga.; with Double Seam; 5 Stations	7,164.76	20.02	88.10	347.87
20 ga.; with Double Seam; 8 Stations	9,595.14	24.21	105.57	413.13
20 ga.; with Drive Cleat; 5 Stations	5,949.57	17.92	79.37	315.24
20 ga.; with Drive Cleat; 8 Stations	9,595.14	24.21	105.57	413.13
20 ga.; with Duplex; 10 Stations	26,121.74	52.73	224.34	856.88
20 ga.; with Government Clip; 14 Stations	44,349.59	84.18	355.35	1,346.31
20 ga.; with Government Lock; 10 Stations	26,607.81	53.57	227.84	869.93
20 ga.; with Government Lock; 12 Stations	39,002.76	74.95	316.92	1,202.74
20 ga.; with New England Cleat; 14 Stations	45,807.82	86.69	365.83	1,385.46
20 ga.; with New York Cleat; 14 Stations	40,460.98	77.47	327.40	1,241.90
20 ga.; with Power Flanger; 5 Stations	6,435.65	18.76	82.86	328.30
20 ga.; with Right Angle Flange; 5 Stations	5,706.53	17.50	77.62	308.72

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
20 ga.; with Stand S/R Angle; 10 Stations	27,579.96	55.24	234.82	896.03
20 ga.; with Stand S/R Angle; 14 Stations	42,648.33	81.24	343.12	1,300.63
20 ga.; with Stand. S/R. Angle; 14 Stations	37,544.53	72.44	306.44	1,163.59
20 ga.; with Standing Seam; 8 Stations	10,810.34	26.31	114.30	445.76
18 ga.; Pittsburgh Lock; 7 Stations	11,296.41	27.15	117.79	458.81
18 ga.; Pittsburgh Lock; 8 Stations	8,866.03	22.95	100.33	393.55
18 ga.; Snap Lock B.P.; 8 Stations	13,240.72	30.50	131.77	511.02
18 ga.; TDF Clip; 16 Stations	42,891.37	81.66	344.87	1,307.15
18 ga.; with 1/2" Pitts; 16 Stations	47,023.01	88.79	374.56	1,418.09
18 ga.; with 3 in 1 (16 ga.); 16 Stations	49,453.39	92.98	392.03	1,483.35
18 ga.; with 3 in 1; 7 Stations	13,969.83	31.76	137.01	530.59
18 ga.; with 3 in 1; 8 Stations	10,324.26	25.47	110.81	432.71
18 ga.; with Double Seam; 7 Stations	13,240.72	30.50	131.77	511.02
18 ga.; with Double Seam; 8 Stations	9,838.18	24.63	107.31	419.66
18 ga.; with Drive Cleat; 7 Stations	13,240.72	30.50	131.77	511.02
18 ga.; with Drive Cleat; 8 Stations	9,838.18	24.63	107.31	419.66
18 ga.; with Stand. S/R. Angle; 16 Stations	47,995.17	90.47	381-1/25	1,444.19
18 ga.; with Standing Seam; 7 Stations	13,726.79	31.34	135.26	524.07
18 ga.; with Standing Seam; 8 Stations	11,053.37	26.73	116.05	452.28
16 ga.; Pittsburgh lock; 7 Stations	11,053.37	26.73	116.05	452.28
16 ga.; Pittsburgh Lock; 8 Stations	9,109.07	23.37	102.07	400.08
16 ga.; with 3 in 1; 7 Stations	13,726.79	31.34	135.26	524.07
16 ga.; with 3 in 1; 8 Stations	10,567.30	25.89	112.55	439.23
16 ga.; with Double Seam; 7 Stations	12,997.68	30.08	130.02	504.49
16 ga.; with Double Seam; 8 Stations	10,081.22	25.05	109.06	426.18
16 ga.; with Drive Cleat; 7 Stations	12,997.68	30.08	130.02	504.49
16 ga.; with Drive Cleat; 8 Stations	10,081.22	25.05	109.06	426.18
16 ga.; with Standing Seam; 7 Stations	13,483.75	30.92	133.51	517.54
16 ga.; with Standing Seam; 8 Stations	11,296.41	27.15	117.79	458.81
14 ga.; Pittsburgh Lock; 7 Stations	17,858.44	38.47	164.95	635.00

## AC. Slitters

### *Electric*

20 ga.; 1-1/4" to "24-1/4" Slitting Range	3,100.57	10.96	48.07	189.16
16 ga.; 1" to "24-1/4" Slitting Range	3,538.69	12.11	52.83	206.97



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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
16 ga.; 1-1/4" to 30-1/4" Slitting Range	4,549.75	14.74	63.83	248.08
16 ga.; 1-1/2" to 49" Slitting Range	6,740.37	20.46	87.66	337.14
16 ga.; 1-1/4" to 60" Slitting Range	7,751.43	23.10	98.66	378.24
14 ga.; 1-1/4" to 24-1/4" Slitting Range	4,381.24	14.30	62.00	241.23

## AD. Spiral Duct Producing Machines

### *Electric*

3"-64"; 20 ga.; 95 FPM	137,471.46	198.37	802.25	2,901.62
3"-64"; 18 ga.; 185 FPM	152,818.51	219.97	889.27	3,214.79
6"-64" Triple Rib; 26 ga.; 95 FPM	143,028.16	206.19	833.76	3,015.01
6"-64" Triple Rib; 26 ga.; 185 FPM	158,639.81	228.17	922.27	3,333.57
3"-80"; 16 ga.; 185 FPM	171,605.42	246.42	995.78	3,598.14
3"-80"; 14 ga.; 275 FPM	203,887.15	291.87	1,178.81	4,256.87
6"-80" Triple Rib; 26 ga.; 185 FPM	176,103.69	252.76	1,021.28	3,689.93
6"-80" Triple Rib; 26 ga.; 275 FPM	215,265.13	307.89	1,243.31	4,489.04

## AE. Strap Benders

### *Hydraulic*

15 tons	5,625.00	51.63	210.61	769.19
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## AF. Strap Masters

### *Manual*

Bohn Combi	907.50	4.02	17.72	70.09
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## AG. Vertical Straight Side Presses

### *Electric*

40 tons	62,196.53	76.66	346.23	1,400.49
60 tons	66,913.75	81.62	368.35	1,488.94
80 tons	90,499.85	106.43	478.97	1,931.15
100 tons	102,292.90	118.84	534.28	2,152.25

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 24: SHORING

#### A. Dual Cylinder Vertical Shoring Equipment

36" Max. Trench Width, 3' to 7' Rails	525.00	9.22	38.50	144.19
42" Max. Trench Width, 3' to 7' Rails	600.00	9.73	40.79	153.45
64" Max. Trench Width, 3' to 7' Rails	700.00	10.59	44.01	164.10
88" Max. Trench Width, 3' to 7' Rails	775.00	10.85	45.10	168.10

#### B. Light System Manhole Connectors

with hardware	528.20	6.62	27.61	103.29
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#### C. Light System Panels

20" H x 36" L; with hardware	1,115.70	7.61	30.79	111.45
20" H x 60" L; with hardware	1,160.97	7.91	32.01	115.88
20" H x 78" L; with hardware	1,274.70	8.67	35.09	126.99
20" H x 96" L; with hardware	1,277.93	8.69	35.17	127.31
20" H x 118" L; with hardware	1,339.37	9.10	36.83	133.32

#### D. Light System Struts

24" to 32"; with hardware	254.40	1.85	7.51	27.25
32" to 48"; with hardware	260.33	1.89	7.67	27.83
51" to 86"; with hardware	280.27	2.03	8.21	29.78

#### E. Manhole Shields

8' H x 8' W x 8' L; Steel (with Spreaders and Hardware)	1,181.34	9.04	37.52	139.59
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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
8' H x 10' W x 10' L; Aluminum (with Spreaders and Hardware)	1,240.00	9.26	38.41	142.85
8' H x 10' W x 10' L; Steel (with Spreaders and Hardware)	1,394.74	9.84	40.76	151.45
8' H x 10' W x 12' L; Steel (with Spreaders and Hardware); Open Ended	1,845.44	11.51	47.60	176.50
8' H x 8' W x 8' L; Aluminum (with Spreaders and Hardware)	2,666.15	14.56	60.06	222.12
8' H x 10' W x 12' L; Aluminum (with Spreaders and Hardware)	3,592.96	18.00	74.13	273.63

## F. Single Cylinder Vertical Shoring Equipment

36" to 42" Max. Trench Width, 2' Rails	300.00	5.73	23.95	89.93
54" to 88" Max. Trench Width, 2' Rails	375.00	5.99	25.04	93.93

## G. Spreader Sets

24"; for Aluminum Shields	351.42	1.85	7.39	26.39
24"; for Steel Shields	384.83	2.02	8.09	28.90
30"; for Aluminum Shields	368.13	1.93	7.74	27.64
30"; for Steel Shields	418.25	2.20	8.79	31.41
36"; for Aluminum Shields	385.91	2.03	8.11	28.98
36"; for Steel Shields	464.60	2.44	9.77	34.89
42"; for Aluminum Shields	430.65	2.26	9.05	32.34
42"; for Steel Shields	489.40	2.57	10.29	36.75
48"; for Aluminum Shields	431.19	2.27	9.06	32.38
48"; for Steel Shields	540.60	2.84	11.36	40.60
54"; for Aluminum Shields	463.53	2.44	9.74	34.81
54"; for Steel Shields	575.10	3.02	12.09	43.19
60"; for Aluminum Shields	465.14	2.44	9.78	34.93
60"; for Steel Shields	636.00	3.34	13.37	47.76
72"; for Aluminum Shields	526.59	2.77	11.07	39.54
72"; for Steel Shields	759.43	3.99	15.96	57.03
84"; for Aluminum Shields	558.39	2.93	11.74	41.93

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
84"; for Steel Shields	824.11	4.33	17.32	61.89
96"; for Aluminum Shields	706.61	3.71	14.85	53.06
96"; for Steel Shields	883.93	4.64	18.58	66.38
108"; for Aluminum Shields	734.10	3.86	15.43	55.13
108"; for Steel Shields	938.91	4.93	19.74	70.51
120"; for Aluminum Shields	764.28	4.02	16.07	57.39
120"; for Steel Shields	1,055.33	5.55	22.19	79.25
132"; for Steel Shields	1,136.18	5.97	23.89	85.32
144"; for Steel Shields	1,205.17	6.33	25.34	90.50

## H. Trench Braces

1-1/2" diameter, 16"-18" closed; per dozen	772.80	7.53	31.32	116.88
4' H x 10' L; Aluminum, Standard	1,386.37	9.80	40.63	150.99
4' H x 10' L; Steel	563.27	6.75	28.14	105.24
4' H x 12' L; Aluminum, Standard	1,578.25	10.52	43.55	161.65
4' H x 12' L; Steel	588.68	6.84	28.53	106.65
4' H x 16' L; Aluminum, Standard	2,162.25	12.68	52.41	194.11
4' H x 18' L; Aluminum, Standard	2,060.93	12.31	50.87	188.48
4' H x 6' L; Aluminum, Standard	943.14	8.16	33.91	126.35
4' H x 6' L; Steel	431.17	6.26	26.14	97.89
4' H x 8' L; Aluminum, Standard	1,153.55	8.94	37.10	138.04
4' H x 8' L; Steel	510.07	6.55	27.33	102.28
6' H x 10' L; Aluminum, Standard	1,847.83	11.52	47.64	176.63
6' H x 10' L; Steel	825.98	7.72	32.13	119.84
6' H x 12' L; Aluminum, Standard	2,366.08	13.44	55.51	205.44
6' H x 12' L; Steel	1,032.20	8.49	35.26	131.30
6' H x 16' L; Aluminum, Standard	3,159.89	16.39	67.55	249.56
6' H x 16' L; Steel	1,485.00	10.17	42.13	156.47
6' H x 18' L; Aluminum, Standard	3,526.91	17.75	73.13	269.96
6' H x 20' L; Steel	2,070.79	12.35	51.02	189.03
6' H x 24' L; Steel	2,421.37	13.65	56.34	208.51
6' H x 26' L; Steel	2,608.17	14.34	59.18	218.89
6' H x 6' L; Aluminum, Standard	1,307.77	9.51	39.44	146.62
6' H x 6' L; Steel	490.35	6.48	27.03	101.18

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6' H x 8' L; Aluminum, Standard	1,557.03	10.44	43.22	160.47
6' H x 8' L; Steel	579.71	6.81	28.39	106.15
8' H x 10' L; Aluminum, Standard	2,267.15	13.07	54.00	199.94
8' H x 10' L; Steel	938.06	8.14	33.83	126.07
8' H x 12' L; Aluminum, Standard	2,716.96	14.74	60.83	224.94
8' H x 12' L; Steel	1,164.31	8.98	37.26	138.64
8' H x 16' L; Aluminum, Standard	3,767.50	18.64	76.78	283.33
8' H x 16' L; Steel	1,679.27	10.89	45.08	167.27
8' H x 18' L; Aluminum, Standard	4,318.92	20.69	85.15	313.98
8' H x 20' L; Steel	2,427.65	13.67	56.44	208.86
8' H x 24' L; Steel	2,826.05	15.15	62.49	231.00
8' H x 26' L; Steel	3,350.57	17.10	70.45	260.16
8' H x 6' L; Aluminum, Standard	1,506.52	10.25	42.46	157.66
8' H x 6' L; Steel	555.80	6.72	28.03	104.82
8' H x 8' L; Aluminum, Standard	1,826.31	11.44	47.31	175.44
8' H x 8' L; Steel	637.99	7.03	29.27	109.39
10' H x 16' L; Steel	2,594.12	14.29	58.97	218.11
10' H x 20' L; Steel	3,216.68	16.60	68.42	252.72
10' H x 24' L; Steel	3,895.42	19.12	78.72	290.44
10' H x 26' L; Steel	3,860.75	18.99	78.19	288.51

## I. Walers Shoring Equipment

56" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	1,800.00	16.62	69.15	258.14
64" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	1,850.00	16.80	69.87	260.77
88" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	2,025.00	17.41	72.38	269.95
120" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	2,300.00	18.38	76.33	284.38
56" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	3,650.00	31.08	129.57	484.66
64" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	3,725.00	31.34	130.66	488.65

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
88" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	4,000.00	32.32	134.65	503.28
120" Max. Trench Width, 16' Rails; Triple Cylinder (without Trench Sheeting)	2,475.00	26.91	112.51	422.12

## SECTION 25: SKID STEER LOADERS

### A. Skid Steer Loader Attachments

Augers	2,311.34	13.97	58.37	218.88
Backhoes	3,464.00	50.59	210.41	784.89
Brooms/Sweepers	5,592.00	48.72	200.90	742.75
Forks	895.00	37.61	157.84	594.39
Graders	8,270.00	74.86	308.76	1,141.28
Grapples	6,265.00	64.74	267.73	992.60
Hammers to Concrete	6,245.00	69.38	287.83	1,070.68
Planers	13,336.00	63.02	257.02	938.40
Rakes	3,657.00	51.56	214.36	799.21
Rollers	11,811.00	109.88	453.42	1,677.04
Scarifiers	8,298.53	24.26	103.73	398.29
Trenchers	5,395.00	22.84	99.09	386.01

### B. Skid Steer Loaders

#### *Diesel*

to 700 lbs	11,835.00	144.90	600.10	2,228.84
701 to 975 lbs	14,773.00	170.40	704.78	2,613.96
976 to 1,250 lbs	20,019.00	214.63	889.23	3,304.17
1,251 to 1,350 lbs	21,188.00	213.69	891.09	3,334.13
1,351 to 1,600 lbs	23,140.00	244.80	1,016.14	3,783.29
1,601 to 1,750 lbs	24,605.00	241.61	1,006.41	3,761.22
1,751 lbs and over	29,215.00	265.95	1,108.66	4,146.70

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 26: STORAGE

#### A. Pipe Carts

##### *Electric*

	719.00	4.96	20.07	72.67
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#### B. Storage Containers & Bins

Aerial Tool Bin, Coner Unit	121.18	0.22	0.89	3.17
Aerial Tool Bin, Side Unit	310.00	0.57	2.27	8.12
Saddle tool Box for Truck Bed	808.00	1.48	5.93	21.16
85"H X 36"W X 12"D; 36 bins	633.08	1.16	4.64	16.58
85"H X 36"W X 12"D; 54 bins	703.42	1.29	5.16	18.42
85"H X 36"W X 18"D; 36 bins	773.76	1.42	5.67	20.26
85"H X 36"W X 18"D; 54 bins	844.10	1.55	6.19	22.11

#### C. Storage Racks & Shelving

87"H X 36"W X 18"D	119.35	0.63	2.51	8.96
87"H X 36"W X 12"D	139.24	0.73	2.93	10.46
87"H X 48"W X 24"D	159.13	0.84	3.35	11.95
74"H X 120"W X 24"D	755.86	3.97	15.89	56.76
74"H X 144"W X 24"D	875.20	4.60	18.40	65.72
7'H X 4'W X 4'D; Boltless Bulk Racks	79.56	0.42	1.67	5.97
7'H X 8'W X 3'D; Boltless Bulk Racks	99.45	0.52	2.09	7.47
8'H X 12'W X 24" Arm; Cantilever Rack	716.07	3.76	15.05	53.77
12'H X 12'W X 48" Arm; Cantilever Rack	1,989.09	10.45	41.82	149.37
10'H X 8'W X 4'D; Heavy Duty Bulk Racks	318.25	1.67	6.69	23.90
7'H X 8'W X 4'D; Hvy Duty Boltless	119.35	0.63	2.51	8.96
144"H X 96"W X 36"D; Pallet Storage Rack	397.82	2.09	8.36	29.87
144"H X 108"W X 42"D; Pallet Storage Rack	437.60	2.30	9.20	32.86
120"H X 120"W X 42"D; Pallet Storage Rack	556.95	2.93	11.71	41.82
28" Diameter; Rotating Shelves	417.71	2.19	8.78	31.37
34" Diameter; Rotating Shelves	497.27	2.61	10.45	37.34

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## D. Storage Units

20'	4,000.00	7.33	29.33	104.76
40'	6,000.00	11.00	44.00	157.14

## E. Tool Sheds

10' to 14'	699.00	2.74	12.35	49.89
15' to 17'	2,183.37	5.08	22.13	86.58
18' to 20'	5,246.00	9.90	42.32	162.30

## SECTION 27: SURVEYING EQUIPMENT

### A. Digging Tester

#### *Electric*

	2,129.99	11.50	47.60	176.72
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### B. Interior Beam Lasers

#### *Electric*

Manual	4,710.99	20.41	83.77	308.02
Automatic	5,507.17	23.16	94.92	348.52

### C. Laser Levels

#### *Electric*

90 Degree	60.61	0.45	2.04	8.34
Angle Finder	285.00	5.12	21.75	82.87
Laser Guided Wire Raceway Drill Fixture	286.52	5.13	21.77	82.94
Laser Shaft Alignment System	4,425.00	19.42	79.76	293.47
Line and Dot	619.00	6.28	26.43	99.86
Tape Measure	709.00	6.59	27.69	104.44
Tripod	171.18	4.73	20.16	77.08



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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### D. Levels

#### *Electric*

Digital Protractor and Level	157.60	4.68	19.97	76.39
Builders; with Tripod	482.14	5.81	24.51	92.90
Transit with Tripod	808.45	6.93	29.08	109.50

#### *Manual*

2'	15.00	0.25	1.04	3.84
4'	28.97	0.35	1.42	5.21
6'	119.99	0.96	3.88	14.11

### E. Locators

#### *Electric*

Ridgid SR-20 Locator	2,212.39	41.98	181.10	701.44
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### F. Pipe and Sewer Leveling Lasers

#### *Electric*

12V DC	10,416.97	40.11	163.72	598.28
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### G. Rotating Beam Grade Control Lasers

#### *Electric*

	10,018.87	38.74	158.14	578.03
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### H. Stud Finders

#### *Electric*

Battery Operated	339.18	5.31	22.51	85.62
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### I. Surveying Tools

#### *Electric*

Trimble RTS773	16,999.00	103.92	432.94	1,617.70
Trimble RTS873	18,000.00	107.83	448.80	1,675.18

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Trimble RTS655	20,500.00	117.61	488.41	1,818.73
Trimble TX6	29,500.00	152.82	631.03	2,335.52
Trimble SX10	39,900.00	193.50	795.82	2,932.69
Trimble SX12	47,145.00	221.84	910.63	3,348.70

## J. Transit And Level - Total Station

### *Electric*

	710.00	6.59	27.71	104.49
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## K. Transit With Tripod

### *Electric*

	783.15	6.84	28.73	108.21
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## SECTION 28: TESTING EQUIPMENT

### A. A/V Testers

#### *Electric*

4K HDMI Test Generator	945.00	6.13	25.65	96.34
Audio Cable Tester	45.67	0.20	0.84	3.15
HDMI Cable Continuity Tester	78.68	0.33	1.37	5.04
IP CCTV Tester	678.99	5.08	21.43	81.06

### B. Ac-Dc Volt-Ohm Milliammeter

#### *Electric*

	167.74	0.90	3.85	14.89
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### C. Air & Hydronic Balancing

#### *Electric*

Digital Transformer Ratiometer	2,995.00	17.79	74.14	277.16
Hydrometer, Digital	3,895.00	21.31	88.40	328.84
Thermometer, Single Input	339.99	1.57	6.58	24.78

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Thermometers, Dial	94.23	0.39	1.61	5.94
3-Phase Ratio and Winding Resistance Analyzer	24,500.00	133.26	551.80	2,048.41

## ***Manual***

Ammeter, Voltage	24.49	0.32	1.30	4.77
Pyrometer, Contact	35.44	0.39	1.60	5.84
Revolution Counter	135.79	1.06	4.31	15.65
Stop Watch	22.75	0.31	1.25	4.60
Stroboscope	487.42	3.41	13.81	50.03
Thermometers, Mercury	7.78	0.21	0.85	3.14

## **D. Air Balancing**

### ***Electric***

Differential Pressure Manometer	179.99	0.94	4.05	15.59
Recorder, Temperature and Humidity	869.44	5.83	24.45	92.00

### ***Manual***

Anemometers, Deflecting Vane	52.82	0.51	2.07	7.54
Anemometers, Rotating Vane	325.90	2.33	9.45	34.24
Flow Measuring Hoods	3,937.20	26.46	107.04	387.28
Magnehelic (Air Pressure) Gauges	245.22	1.79	7.26	26.35
Manometers, Combination	573.36	3.98	16.13	58.43
Manometers, Inclined	99.95	0.82	3.34	12.15
10"; Manometers, U-Tube	124.04	0.98	3.99	14.50
Pitot Tube	167.08	1.27	5.15	18.71
Psychrometer, Sling	89.10	0.75	3.05	11.09

## **E. Ammeters**

### ***Electric***

to 100 amps; Clamp-On	154.31	0.84	3.64	14.12
to 300 amps; Clamp-On	100.00	0.63	2.78	11.00

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
to 800 amps; Clamp-On with Leads	304.56	1.43	6.02	22.75
to 1000 amps; Clamp-On	156.19	0.85	3.67	14.23
to 1000 amps; Recording	474.05	2.09	8.71	32.48
to 2000 amps	1,458.00	11.77	49.78	188.90

## F. Anemometer Weather Meter

### *Electric*

	149.00	0.82	3.56	13.81
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## G. Arc Reflection Radar

### *Electric*

	9,160.00	49.17	204.48	762.63
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## H. Backflow Test Kits (RPZ)

### *Manual*

Watts TK9A	2,607.60	25.91	104.06	373.36
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## I. Ballast and Lamp Tester

### *Electric*

	113.30	0.68	2.99	11.76
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## J. Battery Testers

### *Electric*

Battery Capacity Tester	28,000.00	146.95	607.26	2,249.38
Battery Cell Resistance Tester	9,669.00	51.16	212.55	791.86
Battery Safety Kits	125.00	0.73	3.18	12.44
Battery Spill Containment Kit	296.00	1.40	5.89	22.26
Battery Tester, 6/12V	351.98	1.62	6.77	25.47
Battery Tester/Conductance Meter	365.00	1.67	6.98	26.22
Battery Voltage Monitor	9,020.00	48.62	202.26	754.59

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### K. Cable Fault Locator

#### *Electric*

to 600 V	5,730.00	59.84	254.37	970.64
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### L. Cable Testers

#### *Electric*

Cable Length Meters	499.29	2.19	9.11	33.93
DSX Cable Analyzer	9,952.00	52.27	217.03	808.11
RJ45	49.00	0.22	0.90	3.34
Cable Tracers	1,644.28	12.50	52.73	199.60
Cable Analyzer with Gigabit Multimode	9,115.00	48.99	203.77	760.05

### M. Circuit Testing Ohmmeter

#### *Electric*

200 Meg.; 500 VDC	492.42	2.17	9.00	33.53
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### N. Data Logger Recorders

#### *Electric*

Data Logger Recorder	3,999.95	21.72	90.06	334.86
Meter, Dual Input Data Logger	351.99	1.62	6.77	25.47

### O. Decibel Meter

#### *Electric*

	100.00	0.63	2.78	11.00
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### P. Digital Low Resistance Ohmmeters (Ductors)

#### *Electric*

10 amp	3,460.00	19.61	81.51	303.86
100 amp	7,273.93	41.79	174.60	654.33

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### Q. Distance Measuring Instrument Dash Mount

#### *Electric*

	385.00	1.75	7.30	27.37
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### R. Dual Band Test Transmitter

#### *Electric*

	2,755.00	16.85	70.33	263.38
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### S. Duct Leak Test Kits

#### *Electric*

5"; E.g.: McGill	10,104.05	20.66	86.70	326.41
8"; E.g.: McGill	18,892.73	36.71	153.17	573.23

### T. Dynamometer, 10K lbs

#### *Electric*

	1,300.00	11.16	47.28	179.83
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### U. Eatons DIGItrip Optimizer

#### *Electric*

	1,099.99	10.37	44.11	168.35
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### V. Electrical Testers

#### *Electric*

Ammeter, Recording	360.64	1.65	6.91	25.97
Circuit Breaker Functional Test Kit	123.50	0.72	3.15	12.35
Circuit Breaker Trip Unit Test Kit	12,000.00	84.36	353.72	1,330.66
Digital Electrostatic Meter	716.00	5.23	22.02	83.19
Digital Forecast SDI Tester	1,199.00	10.76	45.68	174.03
Digital Multimeter, 6 1/2 Digit, Truevolt DMM	1,857.80	13.34	56.12	211.86
Earth Tester	881.09	5.88	24.63	92.67
GFCI and Circuit Tester	291.44	1.38	5.81	21.99
GFI Trip Analyzer Meter	264.96	1.28	5.39	20.47

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Ground Fault Locator	1,189.86	10.73	45.53	173.51
HV Proximity Tester	204.95	1.04	4.44	17.03
HV Tester	2,950.00	17.61	73.42	274.57
Insulation Tester, 500 VDC	545.94	4.56	19.32	73.42
Light meter	353.68	1.62	6.80	25.57
Megohmmeter	133.06	0.76	3.30	12.90
Meter, 40KV Proximity/Contact Tester	736.00	5.31	22.33	84.33
150 -600 V; Meter, Flex AC Current Probe 3000A	649.99	4.97	20.97	79.40
150 -600 V; Meter, Flex AC Current Probe 6000A	779.99	5.48	23.03	86.86
Meter, Inductive Locator	770.26	5.44	22.88	86.30
Meter, Leakage Current	285.00	1.35	5.71	21.62
Meter, Megger 10KV	5,699.99	35.63	149.65	563.96
Meter, Particulate	4,875.00	25.14	103.93	385.11
Meter, PH/MV Simulator	169.00	0.90	3.87	14.96
Meter, Process	1,059.99	10.22	43.47	166.05
Meter, Split Jaw	223.51	1.11	4.74	18.09
Meter, Transformer and Capacitor	619.86	4.85	20.49	77.67
Meter, Wire Finder	294.65	1.39	5.86	22.18
Multifunction Process Calibrator	2,999.99	17.81	74.22	277.44
Portable Circuit Breaker Tester	12,600.00	86.71	363.23	1,365.11
Power Factor Meter	360.55	1.65	6.91	25.96
Relay Tester, Multi-Phase	60,220.05	272.98	1,117.81	4,099.47
Rotation Tester	182.56	0.95	4.09	15.74
Transformer Ohmmeter	9,200.00	49.33	205.12	764.93
Transformer Winding Resistance Test Set	3,188.00	18.54	77.20	288.24
15kV Class; Very Low Frequency (Vlf) Hi Potential Test Set	22,400.00	125.04	518.52	1,927.83
to 80kV; Volt Meter	1,784.95	13.05	54.96	207.68
130 to 260 V; Voltmeter, Dual Range	2,118.45	14.36	60.25	226.83
Voltmeter, Recording	478.06	2.03	8.13	29.04
130 to 520 V; Voltmeter, Three Range	2,892.93	17.39	72.52	271.30
150 -600 V; Voltmeter, Three Range	3,413.94	19.43	80.78	301.21
Wattmeter	3,712.99	20.60	85.51	318.38

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### W. Ethernet Wire Mapping Tester

#### *Electric*

	450.00	2.00	8.33	31.10
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### X. Gas Detectors

#### *Electric*

Analog, 1 Gas	64.70	0.28	1.14	4.24
Confined Space, LCD, 4 Gas	2,260.34	14.91	62.50	234.97
Portable, LCD, 1 Gas	245.46	1.20	5.08	19.35
Portable, LCD, 2 Gas	614.56	4.83	20.41	77.36
Portable, LCD, 3 Gas	706.50	5.19	21.87	82.64
Portable, LCD, 4 Gas	1,121.74	10.46	44.45	169.59

### Y. Glassbreak Simulator

#### *Electric*

	57.50	0.25	1.03	3.83
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### Z. Handheld Cameras

#### *Electric*

10 mg pixels; Infrared Camera, Pocket Size	699.00	5.16	21.75	82.21
10 mg pixels; Infrared Camera, Telephoto Lens	995.00	6.32	26.44	99.21
10 mg pixels; Infrared Camera, Wide Angle Lens	995.00	6.32	26.44	99.21
10 mg pixels	119.99	0.71	3.10	12.15

### AA. Handheld Infrared Thermometers

#### *Electric*

-30 to 500C	251.03	1.22	5.17	19.67
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AB. Hipot Testers

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
5 KV	1,399.00	11.54	48.85	185.51
100 KV	16,097.66	100.39	418.65	1,565.95

### AC. Hydronic Balancing

#### *Electric*

Manometer, Alnor HM-680	3,417.00	19.44	80.82	301.39
Manometer, Digital	185.00	0.96	4.13	15.88
Manometer, Dwyer 490.3	802.00	5.57	23.38	88.12

#### *Manual*

Gauges, Compound Test	69.46	0.62	2.51	9.17
Gauges, Pressure Test	37.54	0.40	1.65	6.05
36"; Manometer, U-Tube	125.30	0.99	4.02	14.63
18"; Manometer, Well Type	865.00	5.93	24.01	86.94

### AD. Light Testers

#### *Electric*

Gas Lamp Tester	347.21	1.60	6.70	25.20
Lamp Tester	161.36	0.87	3.75	14.52

### AE. Miscellaneous Test Equipment

#### *Electric*

Air Flow Hood	3,998.40	21.71	90.04	334.77
Carbon Monoxide Meter	797.07	5.55	23.30	87.84
Combustible Gas Leak Detector	289.32	1.37	5.78	21.87
Dead Weight Pressure Tester	10,701.60	79.29	333.15	1,256.11
Oil Combustion Test Analyzer	977.16	6.25	26.16	98.18

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AF. Oscilloscopes

#### *Electric*

2 Channel, 20 Mhz Bandwidth	1,747.01	12.91	54.36	205.50
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### AG. Phase Sequence Indicators

#### *Electric*

Lamp	171.15	0.91	3.91	15.09
Rotation	1,275.00	11.06	46.88	178.39

### AH. Phasing Meter, 40kV

#### *Electric*

	2,312.75	15.12	63.33	237.98
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### AI: Potential Transformers

#### *Electric*

Portable	589.57	4.73	20.01	75.93
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### AJ. Primary Injection Test Sets

#### *Electric*

up to 200 amps	5,700.00	35.64	149.65	563.96
up to 4,000 amps	22,860.00	126.84	525.81	1,954.24
up to 40,000 amps	80,040.00	350.51	1,431.88	5,237.53

### AK. RF Satellite Tester

#### *Electric*

	8,715.81	47.43	197.44	737.13
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### AL. Speed Indicator

#### *Electric*

	8,085.00	44.96	187.45	700.91
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AM. Tachometers

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
1 Row; Resonant Reed	149.00	0.82	3.56	13.81
2 Row; Resonant Reed	305.00	1.43	6.03	22.77

### AN. Test Meters

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
Sound Meter, Analog	265.99	1.28	5.41	20.53
Sound Meter, Digital	304.00	1.43	6.01	22.71
Vibration Meters	1,169.42	10.65	45.21	172.33

### AO. Tone Tracers

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
	39.97	0.18	0.75	2.82

### AP. Transformer Turns Ratio Test Set

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
	3,419.60	19.45	80.87	301.54

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 29: TOOLS

#### A. Acetylene Torches

##### *Gasoline*

	Est. Price \$	Day \$	Week \$	Month \$
5" Cutting Size	532.46	3.47	14.23	52.29
6" Cutting Size	631.45	4.07	16.65	61.03

#### B. Adhesive Applicators

##### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
60"; 1/3 hp	636.30	19.46	89.04	364.30

#### C. Band Saws

##### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
3-1/2"; Portable, Var Speed	541.47	7.26	32.91	133.65
4-3/4"; Portable, 2 speed	546.73	7.29	33.05	134.23
5"; Horizontal Metal Cutting	5,999.99	41.79	190.94	780.52
5"; Wet and Dry, metal cut	1,712.73	14.01	64.20	263.10
6"; Horizontal Metal Cutting	6,599.99	45.55	208.19	851.19
6"; Horizontal Wet Metal Cutting	5,861.56	37.94	175.02	721.62
12"; 3-speed, metal cut; Horizontal/Vertical	1,576.05	13.22	60.55	247.99
20"; Wood or Metal, Vertical	3,100.58	22.01	101.27	416.48

#### D. Bench Grinders

##### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
6"	119.00	1.45	6.78	28.30
6"; with stand	312.89	2.20	9.84	39.46
7"	459.00	2.72	11.95	47.16
7"; with stand	509.00	2.95	12.89	50.58
8"	169.00	1.67	7.70	31.68
8"; with stand	580.00	3.23	14.02	54.70
10"	569.00	3.18	13.82	53.97
10"; with stand	780.81	4.00	17.15	66.08

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### E. Benders

#### *Electric*

1/2" to 1"; Conduit Bender to Ratchet	1,813.28	5.94	24.10	87.49
1" to 1-1/2"; Conduit Bender to Ratchet	4,998.00	16.37	66.43	241.16
1/2" to 2"; Mech. Benders to EMT/Conduit	1,813.28	5.94	24.10	87.49
1/2" to 2"; EMT Bender to Ratchet	9,149.48	35.60	146.53	540.34

### F. Cable Hoists

#### *Manual*

440 to 880 lbs	171.25	1.00	4.50	18.25
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### G. Cable Winches

#### *Electric*

	3,642.00	13.81	59.01	226.31
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#### *Manual*

	1,104.62	3.82	16.03	60.42
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### H. Chain Saws

#### *Electric*

14"	56.45	5.72	24.07	90.94
16"	69.98	5.95	24.99	94.24
18"	109.88	6.62	27.71	103.98
20"	399.99	5.89	23.92	86.86

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### **Gasoline**

14"	189.99	11.96	51.25	197.07
16"	299.00	13.76	58.63	224.18
18"	329.99	14.33	61.01	233.13
20"	499.99	17.45	74.08	282.28
24"	539.99	18.06	76.51	291.03
23"	499.99	18.44	79.01	303.99
40"	1,882.00	34.19	143.99	544.33

## I. Chipping Hammers

### **Hydraulic**

1/2" to 3/4"	504.94	10.79	45.22	170.07
1" to 1-1/4"	932.14	13.91	57.85	215.70
1-1/2" to 1-3/4"	954.38	14.08	58.51	218.08
2" and over	1,126.25	15.33	63.59	236.44

## J. Chisel Point

1"	35.83	0.38	1.51	5.45
3"	38.81	0.41	1.64	5.90
5"	58.97	0.62	2.49	8.97

## K. Clamps

Beam Anchor, Fixed	495.13	1.52	6.16	22.29
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## L. Concrete Saws

### **Gasoline**

to 10 hp	2,325.93	20.79	90.26	351.91
11 to 18 hp	7,539.50	72.96	315.95	1,228.62
19 to 36 hp	7,623.34	78.41	342.93	1,346.08
37 hp and over	19,586.10	163.29	720.66	2,854.03

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### M. Cordless Metal Shears

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
18 ga.	613.23	7.99	32.99	122.18
Reversible Lt Duty	178.38	4.32	18.28	69.43
Standard	191.55	4.43	18.70	70.95
2-Spd, Rev., H.D.	369.93	5.85	24.42	91.57

### N. Cut-Off Machines

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
to 4"	1,116.50	4.36	19.55	78.59
to 4"; Pipe/Conduit Cutter	4,452.81	11.67	49.39	187.70
to 5"	341.04	2.66	12.61	53.23

### O. Cut-Off/Chop Saws

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
12"	1,295.32	24.20	101.70	383.65
14"	1,876.75	30.42	126.73	473.65
16"	1,932.47	31.91	133.58	501.87
14"; For Abrasive Metal Cutting	632.05	8.17	33.10	119.88
16"; For Abrasive Metal Cutting	947.46	11.27	45.57	164.76

### P. Cutters

#### *Hydraulic*

	Est. Price \$	Day \$	Week \$	Month \$
1-1/2" to 6"; Glass	1,353.08	13.03	52.80	191.33
1/8" to 1-1/4"; Pipe and Conduit	595.25	4.98	20.12	72.64
2-1/4" to 4"; Pipe and Conduit	3,867.77	34.09	137.80	498.19
4" to 6"; Pipe and Conduit	1,532.31	14.53	58.86	213.20
1/2" to 2"; Saran	2,284.26	20.83	84.28	304.96
2" to 6"; Saran	3,884.60	34.23	138.37	500.24
2" to 6"; Soil Pipe; Mechanical	1,064.67	10.62	43.05	156.13

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6" to 12"; Soil Pipe	2,216.48	20.26	81.98	296.69
6" to 18"; Soil Pipe	3,197.25	28.47	115.14	416.37
24"; Soil Pipe	3,547.52	31.40	126.98	459.11
4" to 8"; Transite; Reed ACC-2	1,444.51	13.80	55.89	202.49
8" to 16"; Transite; Reed ACC-3	1,631.02	15.36	62.19	225.24

## Q. Die Grinders

	299.00	6.08	25.34	94.76
	174.00	0.54	2.17	7.83

## R. Digging And Tamping Bars

	111.78	0.90	3.66	13.30
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## S. Electric Circular Hand Saws

7-1/4"; Skil Type	285.98	4.10	16.69	60.94
9-1/4"; Skil Type	394.28	4.90	19.95	72.67
6-1/2"; Skil Type	482.59	5.56	22.60	82.24
8"; Skil Type	529.91	5.91	24.02	87.37
10"	469.89	6.58	26.68	96.80
10-1/4"	473.54	6.62	26.83	97.32

## T. Electric Impact Wrenches

1/2"	334.46	5.48	23.00	86.56
3/4"	599.00	7.22	30.03	112.03
1"	899.00	8.80	36.45	135.36
Liongun 25	2,495.00	14.82	61.08	225.56
Liongun 70	3,999.00	21.30	87.51	322.06



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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## U. Explosive Actuated Tools

Hammer Operated tool	28.98	2.19	9.73	38.74
1/4"; Trigger tool	233.10	4.05	17.21	65.65
3/8"; Trigger tool	233.10	4.05	17.21	65.65
25 Caliber; Barrel and Gun; 1.5" Max Length	332.75	4.96	20.86	78.79
27 Caliber; Barrel and Gun; 2.5" Max Length	598.95	7.38	30.61	113.89
27 Caliber; Barrel and Gun; 3" Max Length	635.25	7.71	31.94	118.67

## V. Fasteners, Powder Actuated

### *Electric*

1/2" to 2-1/2"	235.13	2.54	10.44	38.51
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## W. Freeze Kits

### *Electric*

Ridgid SF-2500 Superfreeze	3,290.06	34.66	143.43	532.00
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## X. Furnaces

### *Kerosene*

fuel not included	584.89	11.95	48.46	175.84
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## Y. Gang Boxes

### *Manual*

30"L X 14"H X 18"W	639.57	1.17	4.69	16.75
36"L X 19.5"H X 17"W	672.09	1.23	4.93	17.60
42"L X 23"H X 20"W	748.27	1.37	5.49	19.60
47"L X 33"H X 30"W	831.80	1.52	6.10	21.78
48"L X 27"H X 24"W	1,380.20	2.53	10.12	36.15
60"L X 27"H X 24"W	1,333.50	2.44	9.78	34.92
72"L X 27"H X 24"W	1,853.99	3.40	13.60	48.56

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## Z. Glyder Sliding Beam Anchors

14"; Anchor, Beam Glyder 14"	382.50	1.18	4.76	17.22
30"; Anchor, Beam Glyder 12" to 30"	440.25	1.35	5.48	19.82

## AA. Hand Held Grinders

### *Electric*

7"; Angle Grinders	403.37	3.76	16.61	65.80
7"; Sanders	326.35	3.27	14.58	58.26
5"; Straight Grinders	497.03	5.25	22.65	87.74
5"; Straight Grinders; Portable	412.83	4.56	19.83	77.33
5"; Tuck Point	375.00	3.58	15.86	63.02
5"; Angle Grinders	239.19	2.72	12.28	49.72
9"; Angle Grinders	415.54	3.84	16.93	67.00
9"; Sanders	330.40	3.30	14.68	58.66
6"; Straight Grinders	616.21	5.11	22.22	86.65

## AB. Hand-Held Tampers

### *Air*

	1,250.00	10.63	43.74	161.37
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### *Gasoline*

	1,950.00	14.73	60.84	225.35
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## AC. Heat Guns

### *Electric*

Corded	164.00	5.61	23.92	91.55
with Battery	299.00	7.28	30.64	115.71

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AD. Hole Saw Kits

#### *Manual*

3/4" to 2-1/2"	106.04	1.11	4.47	16.12
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### AE. Hydraulic Benders

#### *Electric*

1-1/4" to 4"; Combination to 1 hp Power Pump	5,216.67	22.72	94.25	350.58
1-1/4" to 5"; Combination to 1 hp Power Pump	16,521.58	75.65	311.69	1,150.80
1-1/4" to 4"; Combination to 1/2 hp Power Pump	6,784.04	27.85	115.08	426.21
1-1/4" to 4"; Combination-1-1/2 hp Power Pump	7,154.25	29.07	120.01	444.07
1-1/4" to 5"; Combination-1-1/2 hp Power Pump	17,696.81	79.50	327.31	1,207.51
2-1/2" to 4"; EMT Bender to 1 hp Power Pump	18,148.67	80.98	333.31	1,229.31
2-1/2" to 4"; EMT Bender-1-1/2 hp Power Pump	10,470.43	39.93	164.08	604.08
1/2" to 2"; One Shot to 1 hp Power Pump	7,446.89	30.03	123.90	458.19
1-1/4" to 4"; One Shot to 1 hp Power Pump	13,470.76	49.76	203.96	748.84
1/2" to 2"; One Shot to 1/2 hp Power Pump	7,103.57	28.90	119.33	441.62
1/2" to 2"; One Shot to 1-1/2 hp Power Pump	8,622.12	33.88	139.52	514.89
1-1/4" to 4"; One Shot to 1-1/2 hp Power Pump	15,627.62	72.72	299.80	1,107.67
1-1/4" to 4"; Segment to 1 hp Power Pump	10,108.68	38.75	159.28	586.62
1-1/4" to 4"; Segment to 1-1/2 hp Power Pump	11,283.91	42.60	174.90	643.33
1-1/4" to 4"; Segment-1/2 hp Power Pump	9,765.36	34.69	142.69	526.19

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### **Hydraulic**

1-1/4" to 6"; One Shot to 3 hp Power Pump	28,009.86	279.89	1,134.79	4,115.93
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### **Manual**

Bending Table	3,906.49	18.68	75.54	273.29
to 1" x 6"; Bus Bar Attachment	71.46	1.77	8.58	36.78
to 3/4" x 4"; Bus Bar Attachment	306.73	2.89	13.21	53.97
1-1/4" to 4"; Combination to Hand Pump	4,875.33	24.62	103.17	387.86
1-1/4" to 5"; Combination to Hand Pump	12,932.91	62.95	261.83	976.72
2-1/2" to 4"; EMT Bender to Hand Pump	14,296.90	69.44	288.69	1,076.41
IMC Attachment	2,836.16	15.22	61.78	224.43
IMC to EMT Attachment	1,783.75	10.25	41.75	152.22
1/2" to 2"; One Shot to Hand Pump	3,858.22	19.79	83.14	313.52
1-1/4" to 4"; One Shot to Hand Pump	12,077.38	58.88	244.99	914.20
1/2" to 3"; Segment to Hand Pump	1,693.14	9.49	40.51	155.29
1-1/4" to 5"; Segment to Hand Pump	3,149.34	16.41	69.19	261.72

## **AF. Insulated Tool Sets**

HV Insulated Allen Set	399.33	1.10	4.41	15.75
HV Insulated Nut Driver Set	200.65	0.55	2.22	7.91
HV insulated Screwdriver	171.85	0.47	1.90	6.78
HV Insulated Socket Set	949.10	2.62	10.48	37.44

## **AG. Insulation Cutters**

### **Hydraulic**

48"	355.11	6.62	27.33	101.02
60"	491.53	7.77	31.94	117.67
60"; with slitting	2,852.66	27.53	111.75	405.79

# MCAA | NECA | SMACNA TOOL AND EQUIPMENT RENTAL GUIDE

## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AH. Insulation Fastening Hammers

#### *Air*

	Est. Price \$	Day \$	Week \$	Month \$
Single Nail Hammer	48.59	0.52	2.08	7.42
100 to 150 Nail Gun	55.50	0.62	2.74	10.86

### AI. Jacks

#### *Hydraulic*

5 to 15 tons; House Jacks	599.99	4.14	17.10	63.37
20 to 30 tons; House Jacks	912.45	8.04	33.62	126.04
1 to 5 tons; Hydraulic Bottle	206.55	1.95	8.13	30.47
6 to 8 tons; Hydraulic Bottle	242.33	2.14	8.95	33.46
11 to 12 tons; Hydraulic Bottle	384.38	2.94	12.19	45.34
13 to 20 tons; Hydraulic Bottle	415.24	3.11	12.89	47.92
21 to 25 tons; Hydraulic Bottle	378.59	5.86	24.72	93.68
26 to 30 tons; Hydraulic Bottle	912.45	8.04	33.62	126.04
31 to 35 tons; Hydraulic Bottle	2,195.55	13.30	55.00	203.83
36 to 50 tons; Hydraulic Bottle	2,988.09	16.55	68.21	251.88
to 1-1/2 tons; Hydraulic Ram	84.99	1.27	5.36	20.30
3 to 5 tons; Hydraulic Ram	467.87	3.40	14.09	52.32
8 to 10 tons; Hydraulic Ram	294.14	2.43	10.13	37.79
12 to 20 tons; Hydraulic Ram	1,052.02	6.66	27.42	101.18
30 to 30 tons; Hydraulic Ram	3,396.62	19.72	80.91	297.28
50 to 50 tons; Hydraulic Ram	5,607.34	27.28	111.85	410.68
100 tons; Hydraulic Ram	1,854.34	10.83	44.99	167.74
to 15 tons; Locomotive	1,879.29	11.27	46.29	170.37
16 to 20 tons; Locomotive	2,609.99	15.34	62.96	231.49
to 5 tons; Single Acting Jack, Ratchet Lowering	1,531.95	9.33	38.37	141.32
6 tons to 10 tons; Single Acting Jack, Ratchet Lowering	837.20	5.46	22.52	83.21
11 ton to 15 tons; Single Acting Jack, Ratchet Lowering	149.99	1.63	6.84	25.74
16 tons to 20 tons; Single Acting Jack, Ratchet Lowering	1,550.00	9.43	38.78	142.83
21 ton to 25 tons; Single Acting Jack, Ratchet Lowering	2,341.47	13.90	57.43	212.68

# MCAA | NECA | SMACNA TOOL AND EQUIPMENT RENTAL GUIDE

## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AJ. Jig/Reciprocating Hand Saws

#### *Electric*

Dual Range Reciprocating	133.00	2.16	8.91	32.92
Jig Saw, Portable	99.00	2.01	8.32	30.79
Pipe Clamp for Saw	434.07	3.45	14.12	51.80
Power Hack Saw-Reciprocating	199.00	2.44	10.05	37.06
Sabre Saw, Portable	129.00	2.14	8.84	32.67
Sabre Saw; 2-Speed	119.00	2.10	8.66	32.04
Sabre Saw; 4-Speed	374.30	2.89	11.90	43.82
Saw, Portaband Battery	359.00	3.13	12.82	47.10

### AK. Lathes

#### *Electric*

Wood Working	899.99	6.03	26.11	101.53
Metal Working	3,795.22	19.27	79.36	292.81

### AL. Manual Torque Screwdriver-Adjustable

#### *Manual*

2" to 36"	281.40	0.78	3.11	11.10
10" to 50"; Insulated	289.80	0.80	3.20	11.43
30" to 80"; Insulated	233.10	0.64	2.57	9.19

### AM. Manual Torque Screwdriver-Non-Adjustable

#### *Manual*

3" to 15"	233.10	0.64	2.57	9.19
2" to 36"	281.40	0.78	3.11	11.10

### AN. Masonry/Tile Saws

#### *Electric*

14"; Portable	1,089.00	10.97	49.76	202.08
14"; Table Type	3,457.62	25.83	117.85	481.07
20"	4,386.06	31.66	144.54	590.42

# MCAA | NECA | SMACNA TOOL AND EQUIPMENT RENTAL GUIDE

## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AO. Mechanical Benders

#### *Manual*

1/2"; Conduit Bender to Manual	65.00	0.20	0.81	2.93
3/4"; Conduit Bender to Manual	80.00	0.25	1.00	3.60
1"; Conduit Bender to Manual	100.00	0.31	1.24	4.50
1/2"; EMT Bender to Manual	1,813.28	5.58	22.56	81.62
3/4"; EMT Bender to Manual	1,813.28	5.58	22.56	81.62
1"; EMT Bender to Manual	1,813.28	5.58	22.56	81.62

### AP. Moil Points

#### *Manual*

to 14"	24.31	0.32	1.29	4.75
18"	28.88	0.35	1.42	5.20
24"	38.66	0.41	1.68	6.16

### AQ. Nut Splitters

#### *Hydraulic*

Less Pump	339.10	4.54	18.53	67.60
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### AR. Paving Breakers

#### *Electric*

to 40 lbs; without accessories	1,070.00	21.41	88.62	328.95
to 40 lbs; with accessories	2,008.00	34.14	139.67	511.75
56 to 70 lbs; without accessories	1,949.21	33.34	136.47	500.29
80 to 90 lbs; without accessories	1,380.00	25.61	105.49	389.37

#### *Gasoline*

56 to 70 lbs	3,500.00	61.68	261.79	997.39
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### AS. Phoenix Rod Ovens

#### *Electric*

	699.12	4.94	21.10	80.81
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AT. Pin Spotters

Manual Type; Compact Bench	1,899.00	7.25	31.16	120.32
Manual Type; Portable Gun	699.00	3.88	17.51	70.88
Manual Type; Portable Wheel Mtd.	3,899.00	12.87	53.91	202.73
Automatic Type; Auto. Rolling Head	10,900.00	53.61	242.30	980.97
Automatic Type; Automatic Stationary	6,795.00	40.17	184.81	760.08

### AU. Pittsburgh Seam Closers

#### *Electric*

	3,650.00	26.75	110.03	405.65
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### AV. Pressure Washers Cold

#### *Gasoline*

700 psi; 3 GPM	2,201.75	36.64	154.28	583.18
1,000 psi; 2 GPM	389.99	27.54	117.58	450.80
1,000 psi; 5 GPM	2,449.44	39.10	165.29	627.30
1,200 psi; 4 GPM	1,744.96	34.15	144.24	546.96
2,000 psi; 4 GPM	2,374.32	38.74	163.87	622.36
2,200 psi; 5 GPM	2,757.01	41.96	177.93	677.54
1,000 psi; 10 GPM	3,415.81	45.49	192.11	728.41
3,000 psi; 4 GPM	2,843.30	42.43	179.83	684.39
3,000 psi; 5 GPM	4,663.37	54.24	229.28	870.17
3,000 psi; 7 GPM	5,792.16	63.40	269.15	1,025.90
5,000 psi; 7 GPM	10,242.40	89.94	378.35	1,428.66

### AW. Pressure Washers Hot

#### *Gasoline*

1,000 PSI; 4 GPM	8,144.15	70.22	290.83	1,080.23
3,000 PSI; 4 GPM	8,851.67	76.72	319.56	1,194.26
3,000 PSI; 5 GPM	10,552.00	86.37	358.85	1,337.46
3,000 PSI; 6 GPM	12,460.30	99.79	415.88	1,555.05



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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## AX. Pulling Tools

25'; Spring Fish Tape	22.56	0.77	3.79	16.50
100'; Polyethylene Fish Tape	177.83	1.11	5.16	21.45

## AY. Radial Arm Saws

### *Electric*

12"; Wood Cutting	3,799.76	25.06	104.41	390.34
14"; Wood Cutting	5,638.66	30.54	126.77	471.94
16"; Wood Cutting	6,222.19	32.29	133.87	497.84
16"; Metal Cutting	8,578.37	39.32	162.52	602.39
20"; Metal Cutting	9,835.85	43.07	177.82	658.19

## AZ. Reel Cart or Stand

30"	194.07	1.06	4.79	19.29
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## AAA. Rubber Insulating Equipment

Insulated Hand tools Set	1,975.89	5.46	21.82	77.94
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## AAB. Rubber Insulating Line Hose

Rating: Class 2, Size: 4' x 1-1/2"	269.50	2.72	10.93	39.23
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## AAC. Rubber Insulating Matting

Linear Yard	95.00	0.26	1.05	3.75
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## AAD. Rubber Insulating Sleeves

Size: Regular	366.01	1.01	4.04	14.44
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## AAE. Sanders

### *Electric*

1/2" x 18"; Belt Sander	44.36	1.56	7.46	31.78
1-1/8" x 21"; Belt Sander	240.09	3.15	14.03	55.98
3" x 24"; Belt Sander	300.76	3.65	16.07	63.48
4.5" x 9" Pad; Orbital	719.00	7.06	30.10	115.19

## AAF. Shears & Nibblers

### *Electric*

16 ga.; Metal Shears	551.34	3.02	13.44	53.70
12 ga.; Metal Shears	608.10	3.23	14.33	57.06
16 ga.; Nibblers	1,013.50	4.74	20.69	81.08
8 ga.; Nibblers	1,682.41	7.24	31.20	120.71

## AAG. Single Impeller Impact Breakers

### *Electric*

41 to 55 pound; without accessories	1,970.00	24.79	105.45	402.71
41 to 55 pound; with accessories	2,085.00	25.03	106.44	406.38

## AAH. Socket Wrenches

1/4"	231.00	0.71	2.87	10.40
1/2"	249.97	12.97	55.99	216.95

## AAI. Spade

	28.65	0.34	1.41	5.18
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## AAJ. Steel Lettering Dies

	175.66	1.06	4.61	17.99
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## AAK. Table Saws

### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
8"	1,177.57	6.14	25.73	96.77
10"; Tilting Arbor	2,107.01	8.76	36.38	135.50

## AAL. Tarpaulins

	Est. Price \$	Day \$	Week \$	Month \$
200 Sq. ft	113.98	0.91	3.72	13.52
400 Sq. ft	227.92	1.68	6.80	24.66

## AAM. Tool Cleaners, Steam Vapor

### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
70 gph; Portable or Stationary	4,705.00	51.67	211.82	777.77
150 gph; Portable or Stationary	6,825.00	64.74	264.45	967.28
200 gph; Portable or Stationary	9,415.00	80.70	328.75	1,198.79

## AAN. Torque Wrench

	Est. Price \$	Day \$	Week \$	Month \$
	584.89	1.80	7.28	26.33

## AAO. Tristand Vise

	Est. Price \$	Day \$	Week \$	Month \$
	275.70	1.32	6.02	24.58

## AAP. Vacuum Cleaners Wet/Dry Type

### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
6 gallon	323.82	3.03	13.62	54.86
10 gallon	622.26	4.50	19.57	76.34
15 gallon	907.50	5.91	25.25	96.87

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AAQ. Vises

	Est. Price \$	Day \$	Week \$	Month \$
3.5"; Combination (Machinists with Pipe)	447.19	1.70	7.54	30.05
4.5"; Combination (Machinists with Pipe)	611.16	2.06	8.99	35.29
5"; Combination (Machinists with Pipe)	770.79	2.41	10.40	40.38
6"; Combination (Machinists with Pipe)	887.22	2.66	11.43	44.10
3"; Machinist	343.85	0.99	4.24	16.23
3.5"; Machinist	389.85	46,388.00	7.03	28.22
4"; Machinist	401.35	1.60	7.14	28.59
4.5"; Machinist	493.35	1.80	7.95	31-1/22
5"; Machinist	586.50	2.00	8.77	34.50
6"; Machinist	585.00	2.00	8.76	34.45
8"; Machinist	681.21	2.21	9.61	37.52
to 2.5"; Pipe Chain (top or Bottom)	186.15	1.13	5.23	21.72
4" to 4.5"; Pipe Chain (top or Bottom)	298.16	0.89	3.83	14.78
6"; Pipe Chain (top or Bottom)	555.36	1.93	8.50	33.50
8"; Pipe Chain (top or Bottom)	742.07	2.34	10.15	39.46
2"; Pipe-Yoke	208.90	0.70	3.04	11.93
2-1/2"; Pipe-Yoke	156.80	1.06	4.97	20.78
3"; Pipe-Yoke	385.33	1.56	6.99	28.08
3-1/2"; Pipe-Yoke	385.33	1.56	6.99	28.08
4"; Pipe-Yoke	428.40	1.18	4.99	18.93
6"; Pipe-Yoke	1,042.87	2.52	10.42	38.55
2.5"; Portable Tristand	480.95	1.77	7.84	31.13
4 to 5"; Portable Tristand	540.85	1.90	8.37	33.04
6"; Portable Tristand	746.87	2.35	10.19	39.62
with Mobile work Bench	107.99	0.48	2.15	8.71
2"; Yoke	261.12	0.81	3.51	13.59
4"; Yoke	428.40	1.18	4.99	18.93
6"; Yoke	1,042.87	2.52	10.42	38.55
2"; Yoke Vise-Clamp Type	261.12	0.81	3.51	13.59
4"; Yoke Vise-Clamp Type	428.40	1.18	4.99	18.93

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### AAR. Whitney Punch And Dies

No. 5	20.00	0.31	1.48	6.34
No. 10	40.00	1.09	5.35	23.20
No. 20	48.00	1.12	5.47	23.63
No. 25	402.28	2.31	10.52	42.78
No. 40	712.80	3.36	14.94	59.57

### AAS. Wrench Sets

Standard Ratcheting	66.51	0.20	0.83	2.99
Metric	91.83	0.28	1.14	4.13
Standard	91.83	0.28	1.14	4.13
Metric Ratcheting	100.56	0.31	1.25	4.53

### AAT. Wrenches

24"; Aluminum or Cast Iron	89.97	0.28	1.12	4.05
36"; Aluminum or Cast Iron	139.99	0.43	1.74	6.30
48"; Aluminum or Cast Iron	229.00	0.70	2.85	10.31
3/4"; Combo	5.51	0.02	0.07	0.25
1"; Combo	13.20	0.04	0.16	0.59
1-1/16"; Combo	15.00	0.05	0.19	0.68
1-1/8"; Combo	19.00	0.06	0.24	0.86
1-1/4"; Combo	20.00	0.06	0.25	0.90
1-3/8"; Combo	40.00	0.12	0.50	1.80
1-5/16"; Combo	37.56	0.12	0.47	1.69
1-1/2"; Combo	47.75	0.15	0.59	2.15
1-5/8"; Combo	65.95	0.20	0.82	2.97
10"; Crescent	30.29	0.09	0.38	1.36
10 to 12"; Pipe, Aluminum or Cast Iron	24.95	0.08	0.31	1.12
14"; Pipe, Aluminum or Cast Iron	29.97	0.09	0.37	1.35
18"; Pipe, Aluminum or Cast Iron	40.00	0.12	0.50	1.80
60"; Pipe, Aluminum or Cast Iron	487.04	1.50	6.06	21.92

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
10"; Pipe, Non-Sparking	94.60	0.29	1.18	4.26
14"; Pipe, Non-Sparking	175.29	0.54	2.18	7.89
18"; Pipe, Non-Sparking	239.78	0.74	2.98	10.79
24"; Pipe, Non-Sparking	345.20	1.06	4.30	15.54
Transformer	99.99	0.31	1.24	4.50
Tri-Penta Wrench	53.40	0.16	0.66	2.40

## SECTION 30: TRACTORS

### A. Bare Industrial Tractors

#### *Diesel*

41 to 70 hp	31,760.00	163.34	709.94	2,770.60
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#### *Gasoline*

41 to 70 hp	30,738.00	156.31	672.63	2,599.24
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### B. Lgp Crawler Dozers

#### *Diesel*

to 59 hp	121,132.00	594.81	2,468.48	9,188.84
60 to 74 hp	81,803.00	488.07	2,054.81	7,765.82
75 to 84 hp	100,440.00	512.40	2,163.32	8,199.80
85 to 104 hp	113,539.00	564.09	2,371.77	8,951.51
105 to 129 hp	148,343.00	640.74	2,702.25	10,231.18
130 to 159 hp	194,725.00	763.42	3,212.08	12,131.82
160 to 189 hp	247,930.00	912.26	3,864.74	14,700.68
190 to 259 hp	352,984.00	1,270.18	5,322.56	20,017.49
60 to 74 hp	75,472.00	392.72	1,670.53	6,380.78
75 to 104 hp	87,000.00	443.95	1,896.38	7,274.40
105 to 129 hp	111,000.00	521.60	2,226.48	8,534.37
130 to 189 hp	159,500.00	783.10	3,348.21	12,855.54
190 hp and over	577,275.00	2,061.93	8,616.59	32,312.25

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### C. Standard Crawler Dozers

#### *Diesel*

to 59 hp	55,809.00	390.59	1,650.58	6,262.24
60 to 74 hp	77,794.00	476.67	2,006.99	7,585.81
75 to 84 hp	96,566.00	491.54	2,078.54	7,891.32
85 to 104 hp	108,346.00	542.10	2,283.25	8,632.88
105 to 129 hp	144,247.00	656.76	2,760.56	10,415.62
130 to 159 hp	186,776.00	754.62	3,170.96	11,960.31
160 to 189 hp	227,608.00	910.66	3,837.30	14,515.57
190 to 259 hp	320,900.00	1,121.93	4,728.08	17,887.27
260 to 359 hp	436,356.00	1,527.49	6,476.74	24,658.05
360 to 519 hp	598,363.00	1,836.54	7,879.90	30,361.85
520 hp and over	1,269,820.00	3,260.50	14,081.79	54,613.62
to 59 hp	39,908.00	298.43	1,258.04	4,760.95
60 to 74 hp	79,373.00	429.66	1,803.40	6,793.99
75 to 104 hp	117,980.00	560.14	2,338.01	8,756.68
105 to 129 hp	158,255.00	685.42	2,860.69	10,713.40
130 to 189 hp	198,275.00	894.45	3,749.34	14,105.60
190 hp and over	332,227.00	1,409.48	5,858.61	21,845.37

### D. Track Tractors

#### *Diesel*

to 75 hp	94,131.00	539.64	2,206.18	8,076.46
76 to 149 hp	122,120.00	664.10	2,717.05	9,955.10

### E. Tractor Attachments

#### *Hydraulic*

Earth Auger	4,779.57	27.58	115.14	431.34
Winch	10,997.10	89.78	370.58	1,371.50

### F. Tractor-Loader-Backhoes

#### *Diesel*

Under 12'	33,154.00	184.91	774.14	2,908.61
12' to Under 13'	52,877.00	258.41	1,084.34	4,083.97

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
13' to Under 14'	75,373.00	309.57	1,285.24	4,786.36
14' to Under 15'	60,850.00	245.43	1,042.71	3,977.68
15' to Under 16'	73,469.00	310.16	1,309.73	4,965.35
16' to Under 17'	78,741.00	328.53	1,385.27	5,243.72
17' and over	115,945.00	554.93	2,319.82	8,702.58

## ***Gasoline***

13' to Under 14'	75,373.00	354.66	1,481.68	5,552.92
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## **G. Tractor-Loaders**

### ***Diesel***

40 to 49 hp	24,298.00	177.61	746.08	2,813.18
50 to 59 hp	42,964.00	233.33	979.24	3,688.75
60 to 69 hp	45,799.00	228.44	962.28	3,638.77
70 hp and over	45,402.00	230.85	975.37	3,699.83

## **H. Wheel Loader Rops Cabs (Erops)**

### ***Manual***

	6,242.00	14.90	64.64	251.78
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## **I. Wheel Tractors**

### ***Diesel***

25 to 49 hp	40,086.00	220.45	916.89	3,421.17
50 to 74 hp	59,169.00	251.75	1,068.16	4,068.25
75 to 124 hp	91,839.00	341.81	1,441.98	5,459.52

### ***Gasoline***

25 to 49 hp	40,086.00	279.75	1,198.58	4,610.35
50 to 74 hp	59,169.00	333.69	1,440.49	5,582.56
75 to 124 hp	91,839.00	458.91	1,978.68	7,659.24



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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 31: TRAILERS

#### A. Cargo Van Field Office Trailers

10' x 20'	9,095.00	19.70	84.97	329.14
10' x 30'	8,195.00	18.37	79.38	308.12
10' x 40'	11,246.11	23.96	102.65	394.78
12' x 30'	9,320.00	20.03	86.37	334.39
12' x 40'	12,112.00	25.33	108.35	416.19
12' x 50'	13,166.79	26.99	115.30	442.27
20' x 50'	27,878.89	50.17	212.26	805.99

#### B. Dump Trailers

14'	14,735.00	51.85	222.33	855.92
16'	16,225.00	55.44	237.47	913.15

#### C. Framing Trailers

	10,992.00	42.82	184.30	712.16
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#### D. Lowboy Trailers

20 to 27'; Single Axle	61,505.11	413.40	1,673.30	6,057.65
38 to 42'; Tandem Axle	67,267.62	451.90	1,829.03	6,621.00
56 to 65'	67,557.81	453.84	1,836.87	6,649.37
28 to 37'; Single Axle	68,154.79	457.83	1,853.00	6,707.73
48 to 54'	68,872.74	462.62	1,872.40	6,777.92
43 to 47'	69,992.03	470.10	1,902.65	6,887.34
66' and longer	73,121.20	491.01	1,987.21	7,193.26

#### E. Non-Tilt Deck Utility Trailers

3 tons	4,745.00	25.22	109.98	430.60
5 tons	6,360.00	28.88	125.44	489.24

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6 tons	6,995.00	30.32	131.52	512.29
8 tons	9,335.00	35.62	153.91	597.25
9 tons	9,705.00	36.46	157.46	610.68
10 tons	11,770.00	41.13	177.22	685.65
12 tons	13,450.00	44.94	193.30	746.65
16 tons	14,665.00	47.69	204.93	790.76
18 tons	15,620.00	49.86	214.07	825.43
20 tons	17,285.00	53.63	230.01	885.88

## F. Office Trailer Steps

	625.00	9.06	40.97	165.86
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## G. Platform Trailers

10 tons; Single Axle	1,879.99	39.46	173.61	685.41
15 tons; Tandem Axle	31,575.00	108.13	463.40	1,783.46
25 tons; Tandem Axle	33,540.00	112.69	482.66	1,856.38

## H. Pole Trailers

10 tons	12,835.57	45.44	195.00	751.32
20 tons	16,198.01	53.55	229.17	880.47

## I. Semi Trailers

2 Axle, 4 Tire, 20'	54,361.00	337.51	1,367.34	4,956.97
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## J. Spool Trailers

### *Hydraulic*

Triple Spool; Trailer, Triple Spool Hydraulic	8,885.00	43.34	183.43	696.79
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### K. Standard Field Office Trailers

8' x 16'	7,020.00	18.47	80.41	314.34
8' x 20'	7,860.00	19.71	85.62	333.96
8' x 24'	9,365.00	21.94	94.96	369.10
8' x 26'	10,010.00	22.89	98.96	384.17
8' x 28'	11,885.00	25.67	110.60	427.95
8' x 32'	12,295.00	26.27	113.14	437.53
10' x 20'	4,597.61	15.32	67.15	264.08
10' x 50'	14,060.00	28.89	124.10	478.74
10' x 32'	18,425.00	35.35	151.18	580.67
12' x 56'	34,225.00	58.73	249.23	949.64
12' x 60'	28,530.00	50.30	213.89	816.65

### L. Storage Trailers

6 x 15'	3,465.01	13.54	59.68	236.08
8 x 20'	6,850.99	18.87	82.00	319.78
8 x 24'	7,225.17	19.46	84.46	329.04
8' x 28'	9,028.57	22.31	96.35	373.62
8' x 32'	9,572.45	23.16	99.93	387.07
8' x 36'	10,224.70	24.19	104.23	403.19

### M. Tilt Deck Utility Trailers

6 tons	12,602.00	46.19	198.57	766.65
9 tons	21,033.00	66.19	282.86	1,085.56
10 tons	22,947.00	70.73	301.99	1,157.96
12 tons	25,258.00	76.21	325.10	1,245.38
16 tons	26,745.00	79.74	339.96	1,301.62
15 tons	27,105.00	80.59	343.56	1,315.24
20 tons	32,519.00	93.43	397.69	1,520.03
25 tons	42,043.00	116.02	492.90	1,880.28

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 32: TRENCHERS

### A. Crawler Mounted Cable Plows

#### *Diesel*

131 hp and over	265,000.00	851.48	3,776.51	15,025.81
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### B. Crawler Mounted Chain Trenchers

#### *Diesel*

to 39 hp; 5' Depth	20,976.00	141.86	601.15	2,287.28
76 to 130 hp; 6' Depth	99,097.00	558.19	2,360.91	8,965.45
131 hp and over; 5' Depth	359,832.00	1,700.11	7,120.06	26,761.62

### C. Walk-Behind Chain Trenchers

#### *Gasoline*

to 14 hp; 2' Depth	5,716.00	57.75	245.31	935.76
15 to 19 hp; 4' Depth	12,127.00	102.07	431.21	1,635.57
20 hp and over; 7' Depth	19,670.00	150.81	635.99	2,407.75

### D. Wheel Mounted Cable Plows

#### *Diesel*

to 39 hp; 2' Depth	40,636.00	171.87	726.81	2,759.53
to 130 hp	111,452.00	480.88	2,056.96	7,901.36

### E. Wheel Mounted Chain Trenchers

#### *Diesel*

to 39 hp; 5' x 20"	25,099.00	173.51	724.04	2,711.02
40 to 59 hp; 5'6" x 24"	46,305.00	307.49	1,277.59	4,761.74
60 to 75 hp; 6' x 24"	59,094.00	370.59	1,544.57	5,775.89
76 to 130 hp	72,452.00	500.05	2,096.41	7,888.36

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### SECTION 33: VEHICLES

#### A. Boats

##### *Gasoline*

18' Length	22,719.00	155.65	716.72	2,949.57
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#### B. Concrete Mixer Truck

##### *Diesel*

5.5 yard	215,535.00	1,164.61	5,093.93	19,996.88
8 yard	219,805.00	1,177.89	5,148.79	20,199.94

#### C. Digger Trucks

##### *PTO*

6" to 36"	47,000.00	277.39	1,203.68	4,689.90
6" to 60"	50,000.00	284.97	1,234.67	4,803.39
12" to 72"	53,000.00	292.55	1,265.66	4,916.89
12" to 108"	60,000.00	310.24	1,337.97	5,181.72
12" to 132"	61,000.00	312.76	1,348.30	5,219.55

#### D. Guardrail Post Driver/Augers For Truck Mounting

##### *Diesel*

	94,000.00	307.59	1,264.46	4,658.86
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#### E. Line Trucks

##### *Diesel*

1-1/2 tons; 4x4	47,745.00	285.52	1,340.47	5,609.23
2 tons; 4X2	57,815.00	314.41	1,461.16	6,061.53
2 tons; 4x4	61,315.00	321.15	1,489.20	6,166.20
2-1/2 tons; 4X2	92,636.00	306.23	1,364.11	5,448.45
2-1/2 tons; 4x4	93,415.00	307.73	1,370.35	5,471.74
2-1/2 tons; 6X4	116,976.00	398.56	1,780.93	7,133.93

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### **Gasoline**

1 ton; 4X2	35,545.00	389.57	1,879.56	8,043.80
1 ton; 4x4	38,345.00	395.00	1,902.20	8,128.46
1-1/2 tons; 4X2	39,200.00	396.65	1,909.11	8,154.31

## F. On-Highway Flatbed Trucks

### **Diesel**

15,000 GVW; 4X2; 200 hp	45,150.00	205.84	947.64	3,899.84
20,000 GVW; 4X2; 200 hp	54,425.00	221.84	1,014.54	4,150.82
25,000 GVW; 4X2; 200 hp	79,721.25	277.03	1,242.47	4,994.83
to 30,000 GVW; 4x2, 217 hp	98,500.63	328.88	1,469.06	5,882.76
33,001 to 45,000 GVW; 6X4; 280 hp	93,275.00	346.39	1,574.14	6,404.12
33,001 to 45,000 GVW; 6X4; 380 hp	163,266.77	541.02	2,421.62	9,715.64

### **Gasoline**

6,000 GVW; 4X2; 180 hp	22,500.00	191.48	914.55	3,882.38
8,500 GVW; 4X2; 180 hp	28,900.00	202.61	961.19	4,057.68
8,500 GVW; 4X4; 220 hp	39,397.01	257.99	1,215.49	5,101.31
15,000 GVW; 4X2; 210 hp	39,375.00	256.99	1,210.32	5,078.62
10,000 GVW; 4X4; 220 hp	43,475.94	265.90	1,248.46	5,224.64
20,000 GVW; 4X2; 275 hp	49,300.00	321.71	1,519.92	6,394.48
25,000 GVW; 4X2; 275 hp	50,475.00	323.74	1,528.41	6,426.37

## G. On-Highway Light Duty Trucks

### **Diesel**

4X2; 1/2 tons; Conventional Cab Type; 160 hp	22,944.00	120.17	549.08	2,244.66
4X2; 1/2 tons; Crew Cab Type; 160 hp	23,594.00	121.56	554.88	2,266.33
4X2; 3/4 tons; Conventional Cab Type; 160 hp	24,449.00	123.40	562.51	2,294.83
4X2; 3/4 tons; Crew Cab Type; 160 hp	26,925.00	128.71	584.62	2,377.37
4X2; 1 ton; Conventional Cab Type; 195 hp	27,027.00	140.38	642.76	2,632.56
4X2; 1 ton; Crew Cab Type; 195 hp	30,373.00	147.55	672.63	2,744.11

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X2; 1.25 tons; Conventional Cab Type; 260 hp	34,588.00	177.04	814.27	3,348.06
4X2; 1.25 tons; Crew Cab Type; 260 hp	35,320.00	178.55	820.55	3,371.58
4X2; 1 ton; Conventional Cab Type; 340 hp	28,908.00	191.50	896.28	3,741.11
4X2; 1 ton; Crew Cab Type; 340 hp	32,183.00	198.25	924.41	3,846.32
4X2; 1.25 tons; Conventional Cab Type; 360 hp	36,968.00	214.65	998.21	4,143.92
4X2; 1.25 tons; Crew Cab Type; 360 hp	37,705.00	216.17	1,004.54	4,167.59
4X2; 1.5 tons; Conventional Cab Type; 310 hp	36,612.00	197.56	913.40	3,772.78
4X2; 1.5 tons; Conventional Cab Type; 360 hp	38,997.00	218.83	1,015.64	4,209.10
4X2; 1.5 tons; Crew Cab Type; 310 hp	37,766.00	199.94	923.32	3,809.85
4X2; 1.5 tons; Crew Cab Type; 360 hp	40,146.00	221.20	1,025.51	4,246.01
4X2; 1.75 tons; Conventional Cab Type; 310 hp	39,851.00	204.24	941.22	3,876.84
4X2; 1.75 tons; Conventional Cab Type; 360 hp	42,236.00	225.50	1,043.46	4,313.16
4X2; 1.75 tons; Crew Cab Type; 310 hp	41,305.00	207.24	953.71	3,923.55
4X2; 1.75 tons; Crew Cab Type; 360 hp	43,685.00	228.49	1,055.91	4,359.71
4X4; 1/2 tons; Conventional Cab Type; 160 hp	26,920.00	128.70	584.58	2,377.21
4X4; 1/2 tons; Crew Cab Type; 160 hp	27,779.00	130.54	592.25	2,405.84
4X4; 3/4 tons; Conventional Cab Type; 160 hp	27,840.00	130.67	592.79	2,407.88
4X4; 3/4 tons; Crew Cab Type; 160 hp	31,161.00	137.80	622.44	2,518.59
4X4; 1 ton; Conventional Cab Type; 195 hp	33,836.00	154.98	703.55	2,859.55
4X4; 1 ton; Crew Cab Type; 195 hp	35,798.00	159.19	721.07	2,924.96
4X4; 1.25 tons; Conventional Cab Type; 260 hp	38,900.00	185.93	851.31	3,486.58
4X4; 1.25 tons; Crew Cab Type; 260 hp	40,939.00	190.13	868.82	3,552.09
4X4; 1 ton; Conventional Cab Type; 340 hp	35,717.00	205.53	954.76	3,959.85
4X4; 1 ton; Crew Cab Type; 325 hp	38,417.00	206.19	953.43	3,938.68
4X4; 1 ton; Crew Cab Type; 340 hp	37,680.00	209.58	971.63	4,022.91
4X4; 1.25 tons; Conventional Cab Type; 360 hp	41,280.00	223.53	1,035.25	4,282.44
4X4; 1.25 tons; Crew Cab Type; 360 hp	43,319.00	227.74	1,052.76	4,347.95

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X4; 1.5 tons; Conventional Cab Type; 310 hp	39,790.00	204.11	940.70	3,874.88
4X4; 1.5 tons; Conventional Cab Type; 360 hp	42,175.00	225.38	1,042.94	4,311.20
4X4; 1.5 tons; Crew Cab Type; 310 hp	40,944.00	206.49	950.61	3,911.95
4X4; 1.5 tons; Crew Cab Type; 360 hp	43,324.00	227.75	1,052.81	4,348.11
4X4; 1.75 tons; Conventional Cab Type; 310 hp	43,156.00	211.05	969.61	3,983.01
4X4; 1.75 tons; Conventional Cab Type; 360 hp	45,541.00	232.32	1,071.85	4,419.33
4X4; 1.75 tons; Crew Cab Type; 310 hp	45,694.00	216.28	991.42	4,064.55
4X4; 1.75 tons; Crew Cab Type; 360 hp	48,074.00	237.54	1,093.61	4,500.70

## Gasoline

4X2; 1/2 tons; Conventional Cab Type; 143 hp	21,030.38	136.83	630.00	2,592.61
4X2; 1/2 tons; Crew Cab Type; 143 hp	18,082.00	124.66	580.29	2,410.95
4X2; 3/4 tons; Conventional Cab Type; 165 hp	18,937.00	136.84	639.66	2,667.05
4X2; 3/4 tons; Crew Cab Type; 165 hp	24,042.00	147.80	685.24	2,837.23
4X2; 3/4 tons; Conventional Cab Type; 285 hp	29,068.00	215.97	1,017.07	4,267.38
4X2; 3/4 tons; Crew Cab Type; 285 hp	35,804.00	230.36	1,076.94	4,490.94
4X2; 1 ton; Conventional Cab Type; 234 hp	23,915.00	180.07	847.68	3,555.59
4X2; 1 ton; Crew Cab Type; 234 hp	26,940.00	186.30	873.66	3,652.77
4X2; 1.25 tons; Conventional Cab Type; 260 hp	29,066.00	202.91	953.06	3,990.05
4X2; 1.25 tons; Crew Cab Type; 260 hp	29,803.00	204.43	959.39	4,013.73
4X2; 1 ton; Conventional Cab Type; 300 hp	25,791.00	215.97	1,022.98	4,312.96
4X2; 1 ton; Crew Cab Type; 300 hp	28,822.00	222.34	1,049.49	4,412.01
4X2; 1.25 tons; Conventional Cab Type; 360 hp	31,446.00	256.06	1,213.51	5,118.49
4X2; 1.25 tons; Crew Cab Type; 360 hp	32,183.00	257.61	1,219.95	5,142.58
4X2; 1.5 tons; Conventional Cab Type; 300 hp	31,090.00	227.10	1,069.32	4,486.13
4X2; 1.5 tons; Conventional Cab Type; 362 hp	33,678.00	261.69	1,237.73	5,212.13
4X2; 1.5 tons; Crew Cab Type; 300 hp	32,249.00	229.53	1,079.45	4,524.01
4X2; 1.5 tons; Crew Cab Type; 362 hp	34,827.00	264.10	1,247.78	5,249.68



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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X2; 1.75 tons; Conventional Cab Type; 300 hp	35,407.00	236.16	1,107.07	4,627.21
4X2; 1.75 tons; Conventional Cab Type; 362 hp	37,990.00	270.74	1,275.44	5,353.04
4X2; 1.75 tons; Crew Cab Type; 300 hp	36,856.00	239.20	1,119.74	4,674.56
4X2; 1.75 tons; Crew Cab Type; 362 hp	39,439.00	273.78	1,288.11	5,400.40
4X4; 1/2 tons; Conventional Cab Type; 191 hp	25,614.15	170.50	788.88	3,260.16
4X4; 1/2 tons; Crew Cab Type; 191 hp	22,262.00	156.20	730.48	3,046.88
4X4; 3/4 tons; Conventional Cab Type; 165 hp	25,257.00	150.40	696.08	2,877.74
4X4; 3/4 tons; Crew Cab Type; 165 hp	26,066.00	152.14	703.31	2,904.71
4X4; 3/4 tons; Conventional Cab Type; 285 hp	33,867.00	226.36	1,060.28	4,428.66
4X4; 3/4 tons; Crew Cab Type; 285 hp	39,052.00	237.10	1,105.06	4,596.08
4X4; 1 ton; Conventional Cab Type; 234 hp	28,323.00	189.15	885.54	3,697.20
4X4; 1 ton; Crew Cab Type; 234 hp	31,700.00	196.11	914.55	3,805.69
4X4; 1.25 tons; Conventional Cab Type; 260 hp	33,378.00	211.80	990.10	4,128.58
4X4; 1.25 tons; Crew Cab Type; 260 hp	35,417.00	216.00	1,007.61	4,194.08
4X4; 1 ton; Conventional Cab Type; 300 hp	30,195.00	225.22	1,061.49	4,456.88
4X4; 1 ton; Crew Cab Type; 300 hp	34,192.00	233.61	1,096.45	4,587.50
4X4; 1.25 tons; Conventional Cab Type; 360 hp	35,758.00	265.11	1,251.22	5,259.41
4X4; 1.25 tons; Crew Cab Type; 360 hp	37,792.00	269.38	1,269.00	5,325.88
4X4; 1.5 tons; Conventional Cab Type; 300 hp	34,268.00	233.77	1,097.11	4,589.99
4X4; 1.5 tons; Conventional Cab Type; 362 hp	36,851.00	268.35	1,265.48	5,315.82
4X4; 1.5 tons; Crew Cab Type; 300 hp	36,495.00	238.44	1,116.59	4,662.77
4X4; 1.5 tons; Crew Cab Type; 362 hp	39,083.00	273.03	1,285.00	5,388.76
4X4; 1.75 tons; Conventional Cab Type; 300 hp	38,712.00	243.10	1,135.97	4,735.22
4X4; 1.75 tons; Conventional Cab Type; 362 hp	41,290.00	277.67	1,304.30	5,460.89
4X4; 1.75 tons; Crew Cab Type; 300 hp	40,161.00	246.14	1,148.65	4,782.57
4X4; 1.75 tons; Crew Cab Type; 362 hp	42,750.00	280.73	1,317.06	5,508.60

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### H. On-Highway Rear Dumps

#### *Diesel*

4 cubic yard	64,542.30	303.35	1,386.48	5,669.56
6 cubic yard	72,955.10	319.81	1,454.98	5,925.32
7 to 8 cubic yard; 4X2	88,822.80	379.71	1,720.05	6,977.68
7 to 8 cubic yard; 4X4	91,209.90	384.30	1,739.13	7,048.94
4X2; 1 ton; Conventional Cab Type; 195 hp	27,027.00	140.38	642.76	2,632.56
4X2; 1 ton; Crew Cab Type; 195 hp	30,373.00	147.55	672.63	2,744.11

#### *Gasoline*

4 cubic yard	57,524.50	379.05	1,779.01	7,443.17
6 cubic yard	58,660.10	397.73	1,870.56	7,839.86
5 cubic yard	85,697.00	473.68	2,187.36	9,024.35

### I. On-Highway Truck Tractors

#### *Diesel*

5 tons; 4X2	79,795.00	328.31	1,475.03	5,938.17
15 tons; 4X2	77,250.00	327.92	1,489.61	6,058.14
10 tons; 4X2	104,104.00	380.71	1,692.99	6,751.40
10 tons; 4X4	104,104.00	389.98	1,737.26	6,939.20
20 tons; 4X4	104,104.00	389.98	1,737.26	6,939.20
6X6	107,061.00	416.23	1,851.88	7,388.45
15 tons; 4X4	146,269.00	565.90	2,543.63	10,244.49
20 tons; 4X2	156,471.00	581.70	2,603.18	10,442.05
15 tons; 6X4	146,269.00	585.99	2,632.61	10,597.90
20 tons; 6X4	156,471.00	640.33	2,867.59	11,510.14
25 tons; 6X4	156,471.00	640.33	2,867.59	11,510.14
30 tons; 6X4	156,471.00	645.25	2,892.02	11,617.21

#### *Gasoline*

15 tons; 4X2	45,350.00	368.58	1,749.14	7,386.08
10 tons; 4X2	46,500.00	388.40	1,846.44	7,808.21

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### J. Sedans

#### ***Gasoline***

	Est. Price \$	Day \$	Week \$	Month \$
Compact/Subcompact	15,395.00	112.36	519.34	2,144.46
Standard, Compact	20,025.00	139.09	643.42	2,658.56
Midsized	33,090.00	239.88	1,120.23	4,666.68
Fullsize	30,755.00	257.73	1,214.35	5,096.85

### K. Stake-Bed Trucks

#### ***Diesel***

	Est. Price \$	Day \$	Week \$	Month \$
1-1/2 tons	52,140.00	303.49	1,415.69	5,891.81
2 tons	88,827.00	298.90	1,333.60	5,334.54
2-1/2 tons	111,859.00	343.23	1,518.12	6,023.33
5 tons	119,136.00	374.37	1,656.67	6,576.09

### L. Station Wagons

#### ***Gasoline***

	Est. Price \$	Day \$	Week \$	Month \$
Compact	29,900.00	185.12	853.07	3,513.14
Standard	40,950.00	235.41	1,081.58	4,442.58

### M. Tailgate Trucks

#### ***Diesel***

	Est. Price \$	Day \$	Week \$	Month \$
2 tons	87,965.00	345.92	1,548.28	6,211.49

### N. Track Carrier Attachments

#### ***Hydraulic***

	Est. Price \$	Day \$	Week \$	Month \$
Hydraulic Boom	44,954.80	133.50	559.27	2,102.69

#### ***PTO***

	Est. Price \$	Day \$	Week \$	Month \$
Telescoping Derrick	105,100.00	424.18	1,803.84	6,887.96

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### O. Truck Add-Ons

#### *Electric*

A-Frame and Winch	1,599.00	19.07	83.97	331.76
Liftgate	1,885.00	11.06	50.11	203.22

### P. Trucks, Platform Or Stake

#### *Diesel*

Class 3	47,583.00	205.31	939.67	3,846.56
Class 4	55,109.00	236.35	1,075.22	4,377.88
Class 5	99,252.00	321.32	1,428.87	5,698.00
Class 6	153,082.00	440.44	1,937.67	7,649.06

#### *Gasoline*

Class 3	43,923.00	252.13	1,178.90	4,916.17
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### Q. Utility Vehicles

#### *Gasoline*

John Deere Gator	11,449.00	56.24	246.95	973.07
Golf Cart, 4x2	11,750.00	56.55	247.86	974.98
Golf Cart, 4x4	12,485.00	58.33	255.24	1,002.40
10,000 GVW; 4x4 ; 2 Passenger	13,651.00	74.27	332.54	1,334.53

### R. Vacuum Excavators

#### *Diesel*

Truck Mounted; Vacuum only	205,250.00	562.12	2,370.24	8,972.27
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### S. Vacuum Trailers

#### *Diesel*

Trailer Mounted	69,014.00	267.78	1,143.94	4,388.31
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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### T. Vans

#### ***Gasoline***

	Est. Price \$	Day \$	Week \$	Month \$
8,000 GVW; 4x2; 8'	31,540.00	226.71	1,057.64	4,401.95
9,000 GVW; 4x2; 10'	34,440.00	233.74	1,086.76	4,510.12
9,300 GVW; 4X2; 12'	41,390.00	250.58	1,156.54	4,769.36

### U. Vehicle Attachments

#### ***Diesel***

Earth Auger	2,668.00	71.22	327.09	1,343.25
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#### ***Hydraulic***

Winch	1,948.80	49.76	207.99	779.79
Hydraulic Boom	44,954.80	133.50	559.27	2,102.69

#### ***PTO***

Telescoping Derrick	47,000.00	277.39	1,203.68	4,689.90
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Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

## SECTION 34: WELDING EQUIPMENT

### A. Computerized Plasma Cutting Systems

#### *Electric*

	55,150.00	127.06	558.11	2,200.38
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### B. Plasma Arc Cutters

#### *Electric*

1/8"	1,104.00	9.28	43.74	183.68
1/4"	1,277.74	9.80	45.92	191.90
3/8"	2,152.90	12.41	56.91	233.28
1/2"	2,342.55	12.98	59.29	242.24
1"	2,818.64	14.40	65.26	264.75

### C. Portable Plasma Cutting Systems

#### *Electric*

10 amp; 5/32" Cutting Capacity	1,702.00	9.56	45.50	192.53
15 amp; 1/8" Cutting Capacity	1,802.00	9.70	46.06	194.58
20 amp; 1/4" Cutting Capacity	1,902.00	9.84	46.63	196.62
30 amp; 3/8" Cutting Capacity	2,923.00	11.28	52.41	217.47
50 amp; 1/2"-5/8" Cutting Capacity	3,400.00	11.95	55.12	227.21

### D. Portable Welders

#### *Diesel*

225 amp; AC/DC-CC/CV; Skid Mounting	13,974.00	34.72	149.65	579.27
225 amp; AC/DC-CC/CV; Trailer Mounting	11,768.79	38.29	169.96	676.64
300 amp; AC/DC-CC/CV; Skid Mounting	12,527.48	39.62	175.36	696.20
300 amp; AC/DC-CC/CV; Trailer Mounting	14,044.86	42.29	186.17	735.34
300 amp; DC-CC/CV; Skid Mounted	13,791.97	41.85	184.37	728.81
300 amp; DC-CC/CV; Trailer Mounted	15,309.35	44.51	195.17	767.95
300 amp; DC-CC; Skid Mounted	14,297.76	42.74	187.97	741.86
300 amp; DC-CC; Trailer Mounted	15,815.14	45.40	198.77	780.99
350 amp; AC/DC-CC/CV; Skid Mounting	16,817.56	57.23	254.64	1,016.02

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
350 amp; AC/DC-CC/CV; Trailer Mounting	18,343.47	59.99	265.81	1,056.46
400 amp; DC-CC/CV; Skid Mounting	18,089.15	59.53	263.95	1,049.72
400 amp; DC-CC/CV; Trailer Mounting	19,360.74	61.83	273.26	1,083.42
400 amp; DC-CC; Skid Mounted	18,597.79	60.45	267.68	1,063.20
400 amp; DC-CC; Trailer Mounted	19,869.38	62.75	276.98	1,096.90
500 amp; DC-CC/CV; Skid Mounted	20,601.32	68.46	303.61	1,207.70
500 amp; DC-CC/CV; Trailer Mounted	22,183.44	71.36	315.36	1,250.23
500 amp; DC-CC; Skid Mounted	19,546.58	66.52	295.78	1,179.35
500 amp; DC-CC; Trailer Mounted	21,128.70	69.43	307.53	1,221.88
600 amp; DC-CC/CV; Skid Mounting	28,079.61	81.84	356.23	1,391.92
600 amp; DC-CC/CV; Trailer Mounting	29,615.13	84.67	367.69	1,433.39

## Gasoline

125 amp; AC; Skid Mounted	3,531.00	18.84	86.62	355.96
125 amp; DC-CC; Skid Mounted	3,284.00	18.37	84.70	349.02
140 amp; AC; Skid Mounted	3,547.00	18.04	82.58	338.17
140 amp; DC-CC; Skid Mounted	3,560.00	19.71	90.91	374.69
180 amp; DC-CC; Skid Mounted	4,317.00	23.39	108.12	446.59
200 amp; DC-CC; Skid Mounted	12,343.00	64.16	298.88	1,242.55
200 amp; DC-CC; Trailer Mounted	14,197.30	47.60	211.57	843.30
200 amp; Heli-Arc Welder	389.99	22.40	109.55	473.96
225 amp; AC/DC-CC/CV; Skid Mounting	5,699.28	35.84	167.37	697.29
225 amp; AC/DC-CC/CV; Trailer Mounting	6,963.76	38.17	176.80	731.43
250 amp; AC/DC-CC/CV; Skid Mounted	6,936.00	33.50	154.13	633.94
250 amp; AC/DC-CC/CV; Trailer Mounted	8,986.93	41.90	191.89	786.05
250 amp; DC-CC/CV; Skid Mounted	5,952.17	36.30	169.26	704.12
250 amp; DC-CC/CV; Trailer Mounted	7,469.55	39.10	180.57	745.09
350 amp; DC-CC/CV; Skid Mounted	13,977.00	72.11	335.52	1,393.44
350 amp; DC-CC/CV; Trailer Mounted	14,803.55	52.62	235.28	943.08

## E. Spot Welders

### Electric

1-1/2 KVA; 1/8" Weld, Pedestal Mount, Air Cooled	2,266.71	12.75	58.33	238.66
1-1/2 KVA; 1/8" Weld, Portable, Air Cooled	1,937.01	11.77	54.20	223.07

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	Est. Price \$	Day \$	Week \$	Month \$
1-1/2 KVA; Pedestal Mtd.; 1/8"; Air Cooled	2,390.35	13.12	59.89	244.50
1-1/2 KVA; Portable; 1/8"; Air Cooled	2,060.65	11.87	54.65	224.92
2.5 KVA; 3/16" Weld, Portable, Air Cooled	4,675.00	22.35	100.51	405.12
2.5 KVA; Pedestal Mtd; 3/16"; Air Cooled	1,560.00	10.64	49.46	205.24
2.5 KVA; Portable; 3/16"; Air Cooled	2,143.08	12.38	56.78	232.81
10 KVA; 3/16" Weld, Portable (Pneumatic), Water Cooled	8,435.54	33.59	147.72	582.93
10 KVA; 3/16" Weld, Portable, Water Cooled	8,435.54	33.59	147.72	582.93
10 KVA; 3/16" Weld, Stationary (Pneumatic), Water Cooled	3,745.00	19.56	88.84	361.15
10 KVA; 3/16" Weld, Stationary, Water Cooled	4,881.00	22.96	103.09	414.86
10 KVA; Portable (Pneumatic); 3/16"; Water Cooled	8,024.05	32.36	142.56	563.48
10 KVA; Portable; 3/16"; Water Cooled	5,966.60	26.21	116.73	466.19
10 KVA; Stationary (Pneumatic); 3/16"; Water Cooled	8,435.54	33.59	147.72	582.93
10 KVA; Stationary; 3/16"; Water Cooled	2,715.83	16.49	75.92	312.48
20 KVA; Portable (Pneumatic); 1/4"; Water Cooled	3,780.00	19.67	89.28	362.80
20 KVA; Portable; 3/16", Water Cooled	4,833.00	22.82	102.49	412.59
20 KVA; Stationary (Pneumatic); 1/4"; Water Cooled	4,153.00	20.78	93.96	380.44
20 KVA; Stationary; 1/4"; Water Cooled	4,945.00	23.15	103.90	417.89

## F. Stud Welders

### *Electric*

5/16"	5,299.88	33.93	139.06	510.47
3/8"	6,839.33	40.63	166.13	608.27
1/2"; Drawn Arc, Single Phase	9,856.40	53.76	219.17	799.94
1/2"; Drawn Arc, Three Phase	9,965.40	54.23	221.09	806.87
5/8"	14,920.20	75.79	308.20	1,121.65



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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### G. Welder Power Sources

#### *Electric*

	Est. Price \$	Day \$	Week \$	Month \$
90 amp; DC-CV; MIG Package Process	773.16	4.95	21.87	86.64
100 amp; DC-CC Inverter; TIG, Stick Process	1,689.08	7.53	32.35	124.82
100 amp; DC-CC; TIG, Stick Process	1,122.23	5.93	25.86	101.19
130 amp; DC-CV; MIG Package Process	950.30	5.45	23.89	94.03
150 amp; AC/DC-CC; TIG, Stick Process	1,858.93	8.01	34.29	131.90
150 amp; DC-CC Inverter; TIG, Stick Process	2,413.27	9.57	40.64	155.01
160 amp; DC-CV; MIG Package Process	1,694.29	7.54	32.41	125.04
200 amp; DC-CC Inverter; TIG, Stick Process	4,290.96	14.85	62.13	233.27
200 amp; DC-CV; MIG Package Process	2,437.24	9.63	40.91	156.01
201 to 300 amp; DC Inverter; MIG Package Process	8,230.76	26.06	108.70	406.76
225 amp; AC/DC-CC; Stick, TIG Process	613.74	5.40	24.58	100.16
225 amp; AC; Stick Process	401.17	4.82	22.23	91.60
250 amp; AC/DC-CC; Stick Process	1,811.00	8.65	37.80	148.35
250 amp; AC/DC-CC; TIG, Stick Process	3,086.40	12.11	51.88	199.69
250 amp; DC-CC/CV; Multiple Process	4,182.59	15.08	63.99	243.81
275 amp; DC-CC; Stick, TIG Process	2,389.31	10.22	44.19	171.63
300 amp; AC/DC-CC Inverter; TIG, Stick Process	5,502.80	18.66	78.57	296.95
300 amp; DC-CC/CV; Multiple Process	4,088.81	14.83	62.96	240.04
300 amp; DC-CC; Stick Process	3,309.39	12.71	54.35	208.66
300 amp; DC-CV; MIG Process	2,685.23	11.02	47.45	183.54
350 amp; AC/DC-CC; TIG, Stick Process	4,872.39	17.67	75.20	287.35
400 amp; DC-CC/CV; Multiple Process	4,416.00	16.43	70.15	268.98
400 amp; DC-CC; Stick, TIG Process	3,626.16	14.29	61.43	237.19
400 amp; DC-CV; MIG Process	3,567.81	14.13	60.79	234.84
450 amp; DC-CC/CV; Multiple Process	5,791.44	20.39	86.24	327.54
500 amp; DC-CC; Stick, TIG Process	3,868.95	15.38	65.86	253.19
501 to 600 amp; Multiple; DC-CC/CV	4,262.82	16.41	70.03	268.43
501 to 600 amp; Stick, TIG; DC-CC	4,155.50	16.13	68.90	264.28
600 amp; DC-CC/CV; Multiple Process	18,908.10	55.72	231.28	861.10
600 amp; DC-CC; Multiple Process	12,230.00	38.34	160.48	602.83

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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
650 amp; DC-CC/CV; Multiple Process	4,386.82	17.93	77.32	299.52
650 amp; DC-CV; MIG Process	4,325.34	17.77	76.67	297.14
1,000 amp; DC-CC/CV; Multiple Process	7,857.72	26.42	111.97	426.06
1,200 amp; AC-CC/CV; Multiple Process	13,781.50	41.43	173.15	649.36
1,500 amp; DC-CC/CV; Multiple Process	14,182.70	42.45	177.30	664.48
2,400 amp; DC-CC; Multiple Process	25,964.60	72.31	298.98	1,108.60

## H. Welder/Generators

### *Electric*

250 amp; AC/DC, with Power Source, Gun, 50' Ground and 100' Lead Cables	5,761.78	21.19	88.76	333.49
300 amp	7,529.99	26.55	110.53	412.68
400 amp	18,016.00	59.05	243.26	898.07
600 amp	36,089.00	109.81	449.80	1,650.22

## I. Welding Accessories

12 cal/cm <sup>2</sup> Arc-flash Kit	661.43	1.83	7.31	26.09
40 cal/cm <sup>2</sup> Arc-flash Kit	1,345.44	3.71	14.86	53.07
Allegro 9902-CV High Pressure SAR Mask	317.43	0.88	3.51	12.52
Arc-rated Face Shield	234.34	0.65	2.59	9.24
Arc-rated Personal Protective Clothing - Daily Wear	601.00	1.66	6.64	23.71
Fuseal Unit FU-100	6,445.79	17.80	71.19	254.25
Insto outfits, less tanks	426.30	1.18	4.71	16.81
Oxy-acetylene Protective Gloves	31.70	0.09	0.35	1.25
Oxy-acetylene Protective Hood	48.23	0.13	0.53	1.90
Oxy-acetylene Protective Outfit	465.11	1.28	5.14	18.35
Prestolite torch Outfits (Less Tanks)	497.95	1.37	5.50	19.64
Welding Blanket	106.78	0.29	1.18	4.21
Welding Cable, 50' length	126.05	0.35	1.39	4.97
Welding Helmet	237.93	0.66	2.63	9.38
Welding Screen	67.85	0.19	0.75	2.68

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### J. Welding Cylinders

10 cu. ft.; 250 psig Service Pressure; 4" Outside Diameter	163.04	1.24	5.04	18.32
20 cu. ft.; 2015 psig Service Pressure; 4" Outside Diameter	70.45	2.96	13.06	51.70
33 cu. ft.; 2015 psig Service Pressure; 6" Outside Diameter	84.53	3.06	13.44	53.07
35 cu. ft.; 250 psig Service Pressure; 6" Outside Diameter	70.45	2.96	13.06	51.70
70 cu. ft.; 250 psig Service Pressure; 7" Outside Diameter	98.62	3.15	13.82	54.45
70 cu. ft.; 260 psig Service Pressure; 15" Outside Diameter	112.71	3.24	14.21	55.83
77 cu. ft.; 2015 psig Service Pressure; 7" Outside Diameter	126.80	3.34	14.59	57.20
125 cu. ft.; 250 psig Service Pressure; 8" Outside Diameter	126.80	3.34	14.59	57.20
144 cu. ft.; 480 psig Service Pressure; 15" Outside Diameter	140.89	3.43	14.97	58.58
144 cu. ft.; 2015 psig Service Pressure; 8" Outside Diameter	154.98	3.53	15.35	59.96
211 cu. ft.; 2015 psig Service Pressure; 9" Outside Diameter	183.16	3.71	16.11	62.71
238 cu. ft.; 2265 psig Service Pressure; 9" Outside Diameter	183.16	3.71	16.11	62.71
285 cu. ft.; 2400 psig Service Pressure; 9" Outside Diameter	197.25	3.81	16.49	64.09

### K. Welding Positioners

#### *Electric*

to 250 lbs	2,296.00	9.07	38.36	145.70
to 500 lbs	1,980.00	8.02	34.07	129.99
to 1,100 lbs	4,780.00	17.32	72.11	269.19
to 11,000 lbs	35,095.00	118.09	483.94	1,776.25

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## Owning & Operating Rate

Est. Price \$    Day \$    Week \$    Month \$

### L. Welding Screens

6'H X 6'W; Canvas	218.50	1.61	6.54	23.74
6'H X 8'W; Canvas	236.90	1.74	7.04	25.54
6'H X 6'W; Transparent Vinyl	236.95	1.74	7.04	25.54
6'H X 8'W; Transparent Vinyl	258.70	1.88	7.63	27.67

### M. Welding Transformer/Rectifiers

#### *Electric*

250 amp	949.99	6.61	29.50	118.00
300 amp	5,026.00	18.96	79.70	300.54
400 amp	8,639.00	30.63	127.78	478.13
500 amp	10,150.00	34.70	144.36	538.56
600 amp	10,591.00	35.98	149.55	557.46

### N. Welding Vises

Straight	178.11	0.87	3.97	16.20
Elbow	214.90	0.95	4.30	17.38
Angle	254.41	1.04	4.65	18.64
Flange	463.01	1.50	6.50	25.30

### O. Wire Feeders

#### *Gasoline*

140 amp; Semi-Automatic with Wire Drive and Control, Drive Roll and Guide Tube, Wire Reel, and Input Cable	889.24	23.31	113.24	487.32
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## SECTION 35: WIRE AND CABLE INSTALLATION TOOLS

### A. Cable Feeders

#### *Electric*

Tray Feeder, Motorized	5,385.60	22.73	98.76	385.29
	9,030.62	34.87	149.43	574.87

### B. Cable Puller

#### *Electric*

6,000 lbs and over; Heavy	10,873.20	41.01	175.04	670.71
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#### *Manual*

to 6,000 lbs; with Reel Winder	3,048.69	9.69	40.03	148.24
Heavy	5,154.54	16.05	66.03	243.38

### C. Cable Pulling Grips

#### *Hydraulic*

2" to 6"; Mesh	135.36	4.78	19.90	74.21
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#### *Manual*

3/4" to 1"; Mesh	105.67	0.56	2.51	10.02
1" to 1-1/4"; Mesh	108.31	0.57	2.54	10.13
1-1/4" to 1-1/2"; Mesh	112.01	0.58	2.59	10.30
1-1/2" to 2"; Mesh	112.70	0.59	2.60	10.33
2" to 2-1/2"; Mesh	135.36	0.66	2.88	11.35
2-1/2" to 3"; Mesh	396.87	1.46	6.13	23.12

### D. Cable Spinners

	61.75	0.57	2.31	8.41
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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## E. CO2 Cylinders

	Est. Price \$	Day \$	Week \$	Month \$
5 lbs	71.80	0.63	2.58	9.40
20 lbs	147.50	1.09	4.37	15.60
50 lbs	356.40	2.53	10.27	37.22

## F. CO2 Fishing System Kits

### *Electric*

Power House System, 50 lb capacity	2,131.80	13.43	55.58	206.20
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## G. Enclosed Cable Guides

	281.40	2.03	8.24	29.89
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## H. Fiberglass Duct Rods

1/4"; On Reel, 500'	1,212.44	3.73	15.09	54.57
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## I. Hot Sticks

4'	262.74	1.91	7.74	28.06
6'	307.53	2.21	8.95	32.44

## J. Nylon Ropes

1/4" X 600'	89.99	0.75	3.07	11.17
1/4" X 1200'	52.00	0.50	2.04	7.46
1/4" X 2400'	104.00	0.85	3.45	12.54
3/8" X 600'	53.00	0.51	2.07	7.56
1/2" X 600'	99.95	0.82	3.34	12.15
1/2" X 2400'	104.00	0.85	3.45	12.54
5/8" X 600'	125.00	0.99	4.02	14.60

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## K. Payout Reels And Stands

	Est. Price \$	Day \$	Week \$	Month \$
1 Reel; Adjustable Height	813.56	2.94	12.43	47.27
3 Reel; 99" Height	1,050.00	3.65	15.35	57.95
4 Reel; 123" Height	1,225.00	6.12	27.21	108.52
6 Reel; 144" Height	1,472.46	6.87	30.29	119.82

## L. Poly Rope

	Est. Price \$	Day \$	Week \$	Month \$
1/4" X 100'	19.33	0.28	1.16	4.27
3/8" X 100'	13.32	0.24	1.00	3.68
1/2" X 100'	38.19	0.41	1.67	6.11
3/4" X 100'	46.34	0.46	1.89	6.91

## M. Reel Cart

	Est. Price \$	Day \$	Week \$	Month \$
6 Reel	461.99	3.80	17.71	73.68

## N. Reel Jacks

	Est. Price \$	Day \$	Week \$	Month \$
56"; Screw Type, 2,500 lb Capacity	277.75	1.32	5.82	23.07
96"; Screw Type, 2,500 lb Capacity	365.52	1.58	6.90	27.03
72"; Crank Type, 3,000 lb Capacity	813.56	2.94	12.43	47.27
90"; Ratchet-Drive, 3,750 lb Capacity	1,066.89	3.70	15.56	58.72

## O. Reel Lift

	Est. Price \$	Day \$	Week \$	Month \$
3,000 lb.	922.45	3.27	13.78	52.19
6,000 lb.	1,278.32	4.34	18.17	68.27

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Owning & Operating Rate  
 Est. Price \$    Day \$    Week \$    Month \$

## P. Reel Spindle

2-1/2"	370.75	2.63	10.66	38.62
3"	1,177.06	8.02	32.45	117.45

## Q. Reel Stand And Rollers

	330.08	1.48	6.47	25.43
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## R. Shotgun Sticks

	411.40	2.90	11.76	42.60
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## S. Stringing Blocks

Various Types	120.00	0.96	3.88	14.11
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## T. Vacuum Fishing System

### *Electric*

	1,005.77	7.09	30.01	113.95
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## U. Wire Benders

### *Electric*

2"	510.00	1.67	6.78	24.61
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## V. Wire Puller, Light

Rotating Eye Style	239.30	1.75	7.10	25.77
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## Appendix I

### Regional Rate Adjustment Table

State	Adjustment	State	Adjustment
Alabama	0.889	Montana	0.972
Alaska - North	1.394	Nebraska	0.996
Alaska - Central	1.205	Nevada	1.015
Alaska - South	1.289	New Hampshire	1.118
Arizona	0.954	New Jersey	1.043
Arkansas	0.887	New Mexico	0.9
California - South	0.98	New York	1.14
California - North	0.969	North Carolina	0.909
Colorado	1.099	North Dakota	1.126
Connecticut	1.081	Ohio	0.971
Delaware	0.938	Oklahoma	0.91
District of Columbia	1.119	Oregon	0.954
Florida	0.925	Pennsylvania	1.016
Georgia	0.91	Rhode Island	1.035
Hawaii	0.926	South Carolina	0.91
Idaho	1.207	South Dakota	1.035
Illinois	1.007	Tennessee	0.923
Indiana	0.975	Texas	0.933
Iowa	1.014	Utah	0.95
Kansas	0.966	Vermont	1.156
Kentucky	0.909	Virginia	0.967
Louisiana	0.891	Washington	1.076
Maine	1.116	West Virginia	0.922
Maryland	1.019	Wisconsin	1.056
Massachusetts	1.122	Wyoming	1.088
Michigan	1.079		
Minnesota	1.134		
Mississippi	0.883		
Missouri	0.93		

## Appendix II

# Typical Small Tools

These items are a definite item of cost on a job, and it is the usual practice in our industry to charge these items to the cost of a job on the basis of a set percentage of all field labor cost. Some of these items also appear in the Tool and Equipment Rental Guide.

(Field labor cost includes payroll taxes and insurance and fringes.)

Adjustable Wrenches	Packing Irons
Asbestos Blankets	Picks
Axes	Pipe Markers
Bars (Claw, Crow, Pinch, Wrecking)	Pliers
Boring Machines (Hand)	Ratchets
Braces	Rollers
Brooms	Saws (Hand)
Bull Points	Screwdrivers
Cable Grips	Shackles
Calipers	Shovels
Carpenter Levels	Sledges
Caulking Irons	Slings (Rope)
Clamps (Carpenters, Jewel, Welding, Cable)	Snips
Dial Thermometer	Squares
Dolly (Wood and Metal)	Tampers (Hand)
Flashlights	Test Plugs (Hand)
Gas Buggies	Test Pumps (Hand)
Hammers (All Types)	Tapes (Steel)
Horses (Mason)	Trowels
Johnson Bars	Tubs (Mortar & Line)
Lanterns	Welding Shields
Mauls	
Oil Cans	

While this list is by no means complete, it is intended to give a representative cross section of the type of items which may be classified as "Small Tools."

## Appendix III

# Typical Expendable Items

It is the general practice of our industry to charge these items at cost to a job as a part of the material cost of the job, or as items of direct job expense.

Abrasive Cutoff Discs	Marking Crayons	Saw Blades
Acetylene	Material Charge Tickets	Soap Solvents
Argon	Naphthalene	Solder
Brushes (Paint, Wire, Fitting)	Office Supplies	Star Drills
Chisels	Other Abrasives	Time Charge Tickets
Cleaning Fluids	Other Drill Bits	Tip, Cutting
Clean-out Plugs	Other Fuels	Tip Cleaners
Cut-off Discs	Other Inert Shield Gases	Tip, Welding
Cutting Oil & Paste	Other Inert Test Gases	Tool Handles
Cutting & Welding Tips	Other Lubricants	Tungsten Tips
Drill Bits (Diamond & Steel)	Other Printed Forms	Twist Drills
Emery Cloth	Other Solvents	Welding Hood Lens
Emery Wheels	Oxygen	Welding Rods
Files	Paint Brushes	Wiping Cloths & Rags
Flux	Paste Brushes	Wire Brushes
Foul Weather Gear	Pipe Cutter Wheels	
Gloves, Soapstone	Pipe Dies	
Goggles	Pipe Joint Compounds	
Grinding Wheels	Propane	
Hacksaw Blades	Rod Dies	
Hole Saw	Sand Cloth	
Kerosene	Sand Paper	

While this list is by no means complete, it is intended to give a representative cross section of the type of items which may be classified as "Expendable Items."

## Appendix IV

# How to Adjust for Fuel Rate Increases That May Occur After the Publication of the *Tool & Equipment Rental Guide*

During the production of the Tool and Equipment Rental Guide in September of 2021, operating costs were calculated using a price of \$2.97 per gallon for gasoline and \$3.27 per gallon for diesel. Because each equipment category, and even each size class within an equipment category has its own unique fuel consumption factor, it is not possible to give one single percentage of the fuel allocation in each of the Rental Guide rates.

As a tool to aid users in adjusting these rates to account for increases in the cost of gasoline and diesel fuel, we have prepared the following table to indicate approximately what percent of the total Tool and Equipment Rental Guide rates accounts for fuel.

To adjust the rate to account for a different fuel cost, first determine the percent increase of your current fuel costs over the cost we used producing the rate.

For example, if your current cost of diesel fuel is \$4.91 per gallon, then  $4.91/3.27 = 1.50$ , a 50% increase.

Next, multiply this percentage by the percentage indicated on the chart.

For example, the average percentage for Portable Rotary Screw Air Compressors is 35.9%.

Therefore,  $.359 \times .50 = .1795$ , or 17.95%. This is the amount to increase the published rate to reflect a fuel cost of \$4.91 per gallon.

Please note: The average fuel percentages are an average over all models and sizes in an entire equipment type. The percentage for a particular piece of equipment may lie anywhere within the range. In many cases, the minimum range reflects the cost for diesel machines, and the maximum range reflects the cost for a gas-powered machine. You are therefore encouraged to take size, model, and type of fuel into account when making your adjustments.

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Equipment Type	Minimum	Maximum	Average	Diesel: \$3.27	Gas: \$2.97
All Terrain Hydraulic Cranes—Single Engine	14.5%	16.8%	15.7%		
Bare Industrial Tractors	20.7%	25.8%	23.3%		
Boats	52.4%	52.4%	52.4%		
Chain Saws	9.1%	17.1%	11.9%		
Concrete Mixer Truck	25.8%	26.0%	25.9%		
Concrete Saws	24.9%	38.7%	30.7%		
Crawler Mounted Cable Plows	32.6%	32.6%	32.6%		
Crawler Mounted Chain Trenchers	10.4%	16.7%	13.8%		
Crawler Mounted Lattice Boom Cranes	3.1%	7.6%	4.6%		
Cut-Off/Chop Saws	10.8%	13.6%	12.6%		
Diaphragm Pumps	3.4%	5.9%	4.3%		
Guardrail Post Driver/Augers For Truck Mounting	12.2%	12.2%	12.2%		
Hand Held Rammers	6.6%	6.7%	6.6%		
Hand Held Vibratory Plate Compactors	3.0%	18.9%	9.1%		
Heavy Duty Centrifugal Pumps	3.8%	26.6%	13.7%		
Hydraulic Pumps (Power Units)	10.7%	15.3%	13.0%		
Hydraulic Yard Cranes	7.0%	12.9%	9.3%		
I.C. Cushion Tire Lift Trucks	18.5%	27.5%	23.6%		
I.C. Pneumatic Tire Lift Trucks	14.2%	33.8%	23.9%		
I.C. Self Propelled Scissor Lifts	5.0%	14.0%	7.7%		
I.C. Self Propelled Telescopic Boom Aerial Lifts	3.7%	5.0%	4.3%		
I.C. Self-Propelled Articulating Boom Aerial Lifts	4.1%	11.3%	6.5%		
Insulated Bucket Trucks	18.0%	37.1%	28.2%		
Large Generator Sets	30.6%	66.7%	53.3%		
Leaf Blowers	64.2%	64.2%	64.2%		
Lgp Crawler Dozers	5.9%	12.1%	8.0%		
Lgp Crawler Loaders	7.0%	15.9%	13.0%		

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Equipment Type	Minimum	Maximum	Average	Diesel: \$3.27	Gas: \$2.97
Line Trucks	14.5%	16.8%	15.7%		
Manhole Ventilation Blower	20.7%	25.8%	23.3%		
On-Highway Flatbed Trucks	52.4%	52.4%	52.4%		
On-Highway Light Duty Trucks	9.1%	17.1%	11.9%		
On-Highway Rear Dumps	25.8%	26.0%	25.9%		
On-Highway Truck Tractors	24.9%	38.7%	30.7%		
Paving Breakers	32.6%	32.6%	32.6%		
Portable Earth Augers	10.4%	16.7%	13.8%		
Portable Light Towers	3.1%	7.6%	4.6%		
Portable Reciprocating Air Compressors	10.8%	13.6%	12.6%		
Portable Rotary Screw Air Compressors	3.4%	5.9%	4.3%		
Portable Welders	12.2%	12.2%	12.2%		
Post Drivers	6.6%	6.7%	6.6%		
Pressure Washers Cold	3.0%	18.9%	9.1%		
Pressure Washers Cold	3.8%	26.6%	13.7%		
Pressure Washers Hot	10.7%	15.3%	13.0%		
Rough Terrain Hydraulic Cranes	7.0%	12.9%	9.3%		
Sedans	18.5%	27.5%	23.6%		
Self Priming Trash Pumps	14.2%	33.8%	23.9%		
Single Pullers	5.0%	14.0%	7.7%		
Skid Steer Loaders	3.7%	5.0%	4.3%		
Small Generator Sets	4.1%	11.3%	6.5%		
Sprayers	18.0%	37.1%	28.2%		
Stake-Bed Trucks	30.6%	66.7%	53.3%		
Standard Crawler Dozers	64.2%	64.2%	64.2%		
Standard Crawler Loaders	5.9%	12.1%	8.0%		
Station Wagons	7.0%	15.9%	13.0%		
Straight Mast Rough Terrain Lift Trucks	10.8%	24.2%	17.7%		
Tailgate Trucks	37.8%	37.8%	37.8%		

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Equipment Type	Minimum	Maximum	Average	Diesel: \$3.27	Gas: \$2.97
Telescoping Boom Rough Terrain Lift Trucks	7.3%	12.4%	9.1%		
Test Pumps	0.5%	0.5%	0.5%		
Track Carrier	13.2%	13.2%	13.2%		
Tractor-Loader-Backhoes	5.8%	17.6%	11.2%		
Tractor-Loaders	10.7%	14.4%	12.3%		
Trailer Mounted Arrow Boards	8.4%	13.6%	11.0%		
Truck Mounted Hydraulic Cranes—Single Engine	15.5%	24.2%	19.0%		
Truck Mounted Lattice Boom Cranes	6.7%	10.3%	9.3%		
Trucks, Platform Or Stake	29.2%	59.5%	43.1%		
Utility Vehicles	18.9%	33.8%	23.1%		
Vacuum Excavators	7.7%	7.7%	7.7%		
Vacuum Trailers	10.4%	10.4%	10.4%		
Vans	55.2%	59.8%	57.8%		
Vehicle Attachments	47.8%	47.8%	47.8%		
Walk-Behind Chain Trenchers	14.4%	15.4%	14.8%		
Wheel Mounted Cable Plows	11.3%	11.8%	11.6%		
Wheel Mounted Chain Trenchers	8.8%	10.0%	9.6%		
Wheel Tractors	8.2%	20.6%	13.5%		
Wire Feeders	67.1%	67.1%	67.1%		



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