



Tool & Equipment Rental Guide 2023–2024



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.

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.

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 availability and productivity during shorter use periods. The weekly rates shown in this guide are 28 percent of the monthly rate; the daily rates are 25 percent of the weekly rate.

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.

Operator’s wages are not included in the operating costs.

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.

Calculation Method for Items Not in Book

Key	
OC = Original Cost	OH = Overhaul
ELH = Economic Life Hours	MW = Mechanic’s Wage
ELY = Economic Life Years = Economic Life Hours / Annual Use Hours	FR = Field Repair
AH = Annual Use Hours	CON = Consumables
D = Depreciation	MOC = Monthly Ownership Cost
I = Indirect Equipment Costs	OP = Hourly Operating Cost
CFCF = Cost of Facilities Capital Factor	CFC = Cost of Facilities Capital

Determining Original Cost

Original Cost (OC) or capitalization cost consists of:

1. Purchase price
2. Freight or delivery cost
3. Make-ready cost

Make-ready cost includes any charges or alteration to the equipment made by the contractor, painting, addition of truck or equipment signs, etc. After the initial setup, similar costs are usually expense items and not capitalized. Original Cost is necessary for many components of the calculation.

*See page 179

Ownership Cost

First, determine the ownership cost. For calculation purposes, the items included in fixed costs are usually determined as a percentage of the original cost. This is for convenience since these items of cost expressed in percent do not usually change, and can be applied to the original cost to determine dollar cost regardless of fluctuation in purchase prices.

Note on Indirect Costs: These costs depend upon the value of the equipment investment at the beginning of each year, and this value decreases each year because of wear and tear. To simplify the calculations, and to spread the cost out evenly over the life of the equipment, a method known as cost averaging is used. The cost of each of the items, expressed as a percentage, is applied to the average investment over the life of the equipment, and an equal amount of the cost is charged each year.

For a five-year average useful life, the average investment would be 60% of the original, or capitalized cost, and is determined as follows:

Value 1st year	=	100% of original cost	Value 4th year	=	40% of original cost
Value 2nd year	=	80% of original cost	Value 5th year	=	20% of original cost
Value 3rd year	=	60% of original cost			

The average investment for five years is therefore 300% divided by 5 years, which equals 60% of the original cost. Similarly, the average investment for a piece of equipment, with an average useful life of four years, would be 62.5% of original cost. For a ten-year life, the average investment would be 55% of the original cost.

To obtain the percentage figure to apply to the original cost to cover the annual cost of these items-- interest, insurance, taxes, and storage--the annual percentage figures for each item should be totaled and modified by the percentage figure for average investment. As an example:

Licenses	---	2%	Supervision	---	1%
Interest	---	6%	Insurance	---	2%
Records	---	1%	Taxes	---	3%
Security	---	1%	Storage	---	3%
Inspection	---	1%			
Total charge					20%

For a piece of equipment with a five-year useful life, the average investment was determined previously to be 60% of the original cost. In this example, the percentage amount to be applied to the original cost to cover interest, insurance, taxes, and storage is:

$$\text{Total charge} \times \text{average investment} = \text{annual charge } 20\% \times 60\% = 12\% \text{ annual charge}$$

Therefore, 12% should be applied to the original cost to obtain the annual cost in dollars for overhead. This cost averaging method is sufficiently accurate and generally acceptable. This percentage should be taken and applied to the Indirect Equipment Costs portion of the Ownership Cost calculation as the Indirect Annual Charge.

$$\text{Depreciation (D)} = [\text{OC} + \text{Sales Tax} - \text{Salvage}] * \text{ELY}$$

$$\text{Indirect Equipment Costs (I)} = \text{OC} * \text{Indirect Annual Charge}^1$$

¹See note above on Indirect Costs on how to calculate

$$\text{Cost of Facilities Capital Factor (CFCF)} = \{[(\text{ELY} - 1) * (1 + \text{Salvage}) + 2] * \text{Cost of Money Rate}^1\} / (2 * \text{ELY})$$

$$\text{Cost of Facilities Capital (CFC)} = (\text{CFCF} * \text{OC}) / \text{AH}$$

¹Cost of Money Rate used for 2023-2024 guide is 1.625%

$$\text{Overhaul (OH)} = (\text{MW} * \text{Overhaul Labor Hours}) + (\text{Overhaul Labor Parts} * \text{OC})$$

$$\text{Monthly Ownership Cost (MOC)} = (\text{D} + \text{I} + \text{CFC} + \text{OH}) / \text{AH} * 176$$

Operating Cost

$$\text{FR} = ((\text{MW} * \text{Field Repair Labor Hours}) + (\text{Field Repair Labor Parts} * \text{OC})) / \text{AH}$$

$$\text{CON}^1 = (\text{Fuel Price} * \text{Fuel Consumption per hour}) + (\text{Lube Price} * \text{Lube Consumption per hour}) + (\text{Tire Price} / \text{Tire Life Hours}) + (\text{Other consumable cost} / \text{life of consumable in hours})$$

¹In the rental guide, some consumables are not accounted for.

$$\text{Hourly Operating Cost (OP)} = \text{FR} + \text{CON}$$

Total Cost

$$\text{Daily} = (\text{MOC} * 0.07) + (\text{OP} * \text{AH} / 264)$$

$$\text{Weekly} = (\text{MOC} * 0.28) + (\text{OP} * \text{AH} / 52.8)$$

$$\text{Monthly} = \text{MOC} + (\text{OP} * \text{AH} / 12)$$

A NOTE ABOUT IDS & IMPORTS

All models that were incorporated in the guide prior to 2021 will include MCAA legacy IDs on the export file. Any models added to the guide after 2021 will include new IDs.

A mapping document is located under the Resource tab should you run into any challenges during your import.

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- N. Reel Jacks
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SECTION 1: AERIAL LIFTS

Owning & Operating Rate

	Est. Price \$	Day \$	Week \$	Month \$
A. Electric Self Prop Telescopic Boom Aerial Lifts				
to 20'	19,200.00	\$273.33	\$1,102.40	\$3,976.37
21 to 30'	34,332.00	\$732.76	\$2,967.31	\$10,752.21
31 to 40'	52,337.00	\$641.71	\$2,595.72	\$9,393.86
41 to 60'	139,883.00	\$2,451.95	\$9,985.52	\$36,413.13
B. Electric Self Propelled Scissor Lifts				
13 to 15'; Narrow	14,760.00	\$188.03	\$766.93	\$2,801.51
13 to 15'	15,947.00	\$200.77	\$818.05	\$2,984.71
19' to 24'	13,271.00	\$163.94	\$670.42	\$2,456.01
31 to 40'	49,979.00	\$606.79	\$2,449.22	\$8,842.20
41' and over	73,200.00	\$779.10	\$3,141.43	\$11,323.08
C. Electric Self-Propelled Articulating Aerial Lifts				
to 20'	16,052.00	\$254.75	\$1,028.76	\$3,714.55
21 to 30'	58,013.00	\$937.25	\$3,777.31	\$13,613.33
31 to 40'	73,406.00	\$1,051.46	\$4,235.78	\$15,258.13
41 to 50'	82,688.00	\$1,006.26	\$4,060.99	\$14,658.53
D. I.C. Self Propelled Scissor Lifts				
<i>Diesel</i>				
to 20'; Rough Terrain	24,450.00	\$228.24	\$934.95	\$3,431.44
21 to 30'; Rough Terrain	50,464.20	\$462.90	\$1,880.03	\$6,834.78
31 to 40'; Rough Terrain	67,908.90	\$533.37	\$2,174.91	\$7,942.26
41 to 50'; Rough Terrain	82,380.10	\$644.52	\$2,626.66	\$9,585.97
51' and over; Rough Terrain	95,806.00	\$734.34	\$2,988.10	\$10,881.90

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
21 to 30'; Rough Terrain	49,164.20	\$453.75	\$1,843.25	\$6,702.76
31 to 40'; Rough Terrain	63,511.90	\$507.56	\$2,071.13	\$7,569.19
41 to 50'; Rough Terrain	81,880.10	\$641.64	\$2,615.09	\$9,544.38
E. I.C. Self Propelled Telescopic Boom Aerial Lifts				
Diesel				
to 40'	102,489.00	\$1,127.29	\$4,559.55	\$16,492.78
41 to 50'	112,418.00	\$1,086.16	\$4,403.11	\$15,967.66
60 to 70'	175,485.00	\$1,337.34	\$5,430.81	\$19,733.18
71 to 80'	171,975.00	\$1,734.42	\$7,043.87	\$25,606.74
81 to 90'	215,304.00	\$1,842.95	\$7,488.97	\$27,231.77
91 to 100'	234,088.00	\$2,307.77	\$9,361.74	\$33,976.03
101' to 120'	388,232.00	\$3,647.23	\$14,758.28	\$53,431.51
Hybrid				
to 40'	102,489.00	\$1,127.29	\$4,559.55	\$16,492.78
41 to 50'	112,418.00	\$1,086.16	\$4,403.11	\$15,967.66
60 to 70'	175,485.00	\$1,337.34	\$5,430.81	\$19,733.18
71 to 80'	171,975.00	\$1,734.42	\$7,043.87	\$25,606.74
81 to 90'	215,304.00	\$1,842.95	\$7,488.97	\$27,231.77
91 to 100'	234,088.00	\$2,307.77	\$9,361.74	\$33,976.03
101' to 120'	388,232.00	\$3,647.23	\$14,758.28	\$53,431.51
F. I.C. Self-Propelled Articulating Boom Aerial Lifts				
Diesel				
21 to 30'	38,591.00	\$509.71	\$2,062.94	\$7,467.41
31 to 40'	75,241.00	\$1,091.81	\$4,396.97	\$15,826.64
41 to 50'	76,980.00	\$1,029.16	\$4,152.99	\$14,982.65
51 to 60'	171,316.00	\$1,744.88	\$7,037.06	\$25,370.71
61 to 70'	189,177.00	\$2,105.91	\$8,482.77	\$30,540.56
71 to 80'	167,346.00	\$1,535.29	\$6,196.52	\$22,369.12

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
101' to 120'	315,435.00	\$2,806.67	\$11,298.48	\$40,666.34
125'	363,638.00	\$3,014.95	\$12,139.28	\$43,683.79
Gasoline				
21 to 30'	38,591.00	\$509.71	\$2,062.94	\$7,467.41
31 to 40'	75,241.00	\$1,091.81	\$4,396.97	\$15,826.64
Hybrid				
41 to 50'	76,980.00	\$1,029.16	\$4,152.99	\$14,982.65
51 to 60'	171,316.00	\$1,744.88	\$7,037.06	\$25,370.71
61 to 70'	189,177.00	\$2,105.91	\$8,482.77	\$30,540.56
71 to 80'	167,346.00	\$1,535.29	\$6,196.52	\$22,369.12
100' to 120'	315,435.00	\$2,806.67	\$11,298.48	\$40,666.34
125'	363,638.00	\$3,014.95	\$12,139.28	\$43,683.79
G. Insulated Bucket Trucks				
Gasoline				
to 50'	104,633.40	\$399.69	\$1,768.65	\$7,021.84
51' to 60'	116,810.00	\$426.43	\$1,879.99	\$7,437.91
61' to 75'	168,660.00	\$691.55	\$3,087.04	\$12,356.63
Diesel				
76' to 95'	251,732.00	\$762.82	\$3,276.63	\$12,639.30
H. Push Around Scissor Lifts				
Battery				
to 20'	10,863.72	\$139.83	\$573.80	\$2,109.28
21 to 30'	23,327.39	\$299.94	\$1,216.91	\$4,417.17
31 to 40'	24,821.21	\$309.23	\$1,256.52	\$4,568.78

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
I. Push Around Telescopic Boom Aerial Lifts				
<i>Battery</i>				
to 20'	12,232.00	\$197.46	\$798.34	\$2,886.50
21 to 30'	12,229.00	\$328.10	\$1,337.58	\$4,881.38
31 to 40'	11,984.00	\$512.57	\$2,084.78	\$7,588.55

SECTION 2: AIR COMPRESSORS

A. Portable Reciprocating Air Compressors

<i>Gasoline</i>				
to 20 cfm	1,650.00	\$45.12	\$207.85	\$855.85
21 to 36 cfm; Trailer Mounted	2,791.00	\$51.10	\$235.65	\$971.22
37 to 60 cfm; Trailer Mounted	7,625.00	\$80.75	\$375.08	\$1,555.44
61 to 85 cfm; Trailer Mounted	9,395.00	\$96.72	\$451.66	\$1,881.65

B. Portable Rotary Screw Air Compressors

<i>Diesel</i>				
to 80 cfm	15,515.00	\$206.56	\$846.73	\$3,108.83
90 cfm	26,169.00	\$289.49	\$1,182.29	\$4,324.91
100 cfm	27,107.00	\$297.34	\$1,214.37	\$4,442.39
101 to 125 cfm	27,698.00	\$345.67	\$1,416.97	\$5,204.64
126 to 160 cfm	29,241.00	\$356.24	\$1,458.32	\$5,348.58
161 to 175 cfm	29,524.00	\$440.75	\$1,800.04	\$6,584.72
186 to 250 cfm	41,173.00	\$476.87	\$1,969.95	\$7,297.05
251 to 300 cfm	53,523.00	\$588.27	\$2,410.95	\$8,850.27
301 to 375 cfm	53,968.00	\$589.27	\$2,412.38	\$8,844.84
376 to 450 cfm	75,680.00	\$708.06	\$2,925.06	\$10,835.06
451 to 600 cfm	85,237.00	\$1,088.26	\$4,480.02	\$16,532.19
601 to 750 cfm	89,700.00	\$1,121.51	\$4,614.22	\$17,016.64
751 to 900 cfm	103,391.00	\$1,003.25	\$4,219.64	\$15,931.26
901 to 1200 cfm	153,016.00	\$1,258.71	\$5,351.74	\$20,432.01
1201 to 1400 cfm	186,781.00	\$1,411.08	\$5,942.63	\$22,466.42
1401 cfm and over	200,071.00	\$1,469.49	\$6,180.10	\$23,330.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
To 80 cfm	8,883.00	\$160.46	\$660.47	\$2,436.07
81 to 100 cfm	14,123.40	\$203.52	\$845.64	\$3,151.98
101 to 125 cfm	15,193.30	\$255.37	\$1,051.12	\$3,878.19
126 to 160 cfm	14,411.90	\$250.27	\$1,031.85	\$3,813.97
161 to 175 cfm	15,923.30	\$262.13	\$1,086.35	\$4,038.02
181 to 249 cfm	41,173.00	\$474.59	\$1,940.76	\$7,106.98
251 to 300 cfm	53,523.00	\$588.27	\$2,410.95	\$8,850.27
301 to 375 cfm	53,598.00	\$586.22	\$2,400.10	\$8,800.53

C. Tank Mounted Air Compressors

Electric				
to 15 cfm; 3 to 5 hp	6,787.43	\$13.43	\$56.69	\$214.80
15 to 25 cfm; 6 to 8 hp	7,628.65	\$15.09	\$63.77	\$241.89
26 to 35 cfm; 9 to 11 hp	8,438.40	\$17.16	\$72.95	\$278.52
40 to 60 cfm; 12 to 15 hp	11,566.20	\$24.63	\$105.07	\$402.55
56 to 83 cfm; 17 to 20 hp	14,719.20	\$32.02	\$137.12	\$527.36
84 cfm and over; 21 hp and over	15,383.20	\$33.13	\$141.76	\$544.68

SECTION 3: AIR TOOLS

A. Air Drills

1/4 to 1/2"	383.13	\$4.18	\$17.52	\$65.91
3/8"	143.66	\$2.84	\$12.08	\$46.20
3/8"; Reversing	222.31	\$4.85	\$20.66	\$79.03
1/2"; Reversing	263.86	\$5.09	\$21.66	\$82.66
7/8"	2,589.99	\$16.53	\$67.60	\$247.63
1-1/4"	2,739.96	\$22.90	\$93.70	\$343.33

B. Asphalt Cutter

5"; Asphalt Cutter	516.7	\$6.33	\$26.73	\$101.22
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C. Blow Pipe

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

	20.35	\$5.59	\$24.76	\$98.37
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D. Chipping Hammers Rivet Busters

Chipper	185	\$3.54	\$14.92	\$56.50
Rivet, Medium Duty	265	\$4.12	\$17.26	\$64.96
Rivet, Heavy Duty	695	\$7.23	\$29.83	\$110.42

E. Chisel Point

	181.62	\$3.00	\$13.27	\$52.63
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F. Clay Diggers

to 25 lb	885.44	\$8.60	\$37.03	\$143.23
26 to 30 lb	890.62	\$8.61	\$37.10	\$143.50
31 lb and over	1,004.53	\$9.01	\$38.73	\$149.45

G. Clay Spades

5.5"	2,640.00	\$18.58	\$76.42	\$281.75
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H. Grease Guns

	40	\$0.62	\$2.98	\$12.66
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I: Grinders And Sharpeners

Bench Type	197.59	\$3.16	\$13.91	\$54.95
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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Hand-Held	260	\$3.63	\$15.82	\$61.84
Pneumatic Wire Stripper	2,895.00	\$29.99	\$122.24	\$446.06
Straight	497.03	\$6.14	\$25.94	\$98.36
Vertical	1,719.53	\$18.30	\$75.03	\$275.62

J. Hand-Held Pavement Breakers

to 40 lbs	1,697.28	\$13.67	\$57.61	\$217.96
41 to 55 pound	1,151.00	\$10.08	\$43.10	\$165.39
56 to 70 pound	1,606.10	\$13.33	\$56.23	\$212.98
80 to 90 pound	1,559.61	\$11.49	\$48.84	\$186.43

K. Hand-Held/Hand Truck Mounted Scabblers

3 Head Wall	610	\$8.50	\$36.58	\$141.39
5 Head Floor	5,765.00	\$70.74	\$296.60	\$1,115.87
Single Pistons	230	\$6.63	\$28.99	\$113.75

L. Hoses

1/2 to 5/8" diameter, 25' length	173.66	\$1.81	\$7.24	\$25.86
3/4" diameter, 25' length	233.1	\$2.56	\$10.24	\$36.58
1" diameter, 50' length	335.39	\$3.68	\$14.74	\$52.63
1-1/4" diameter, 50' length	457.83	\$3.68	\$14.74	\$52.63
1-1/2"	994.74	\$10.37	\$41.47	\$148.14
2"	1,301.65	\$14.30	\$57.19	\$204.27
100'; Allegro 9101-100B High Pressure Breathing Air Hose	257	\$2.82	\$11.29	\$40.33

M. Line Oilers

	56.45	\$0.62	\$2.48	\$8.86
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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
N. Moil Points				
	34.12	\$1.53	\$7.35	\$31.24
O. Nailers				
Finishing	202.74	\$3.75	\$15.80	\$59.67
Roofing	281.06	\$4.35	\$18.23	\$68.45
Concrete	434.7	\$5.53	\$22.99	\$85.68
Framing	444.23	\$5.61	\$23.29	\$86.75
P. Pneumatic Grinders				
5 to 14 cfm; without Grinding Wheels	74.81	\$1.94	\$8.98	\$37.14
Q. Pneumatic Impact Wrenches				
3/8" to 1/2"	336.48	\$5.09	\$21.67	\$82.80
3/4"	1,855.72	\$12.16	\$50.42	\$187.46
1 to 1-1/4"	3,200.63	\$21.53	\$88.31	\$324.53
1-1/4" to 1-3/8"; #5 Spline, torque Control	4,563.79	\$27.88	\$114.11	\$418.45
1-1/4" to 1-1/2"; #5 Spline, Reversible	4,052.99	\$25.50	\$104.44	\$383.25
1-3/8" to 1-1/2"	4,905.34	\$29.47	\$120.57	\$441.97
R. Pneumatic Post Drivers				
	2,465.00	\$17.60	\$73.64	\$276.32
S. Rotary Vane Air Pumps				
2"	1,803.09	\$11.49	\$47.74	\$177.83
2.5"	2,853.03	\$16.20	\$66.88	\$247.59

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
T. Scalers				
	758.28	\$8.89	\$38.20	\$147.28
U. Sheet Driver With Shank				
Sheet Driver with Shank	192.64	\$6.36	\$27.90	\$109.79
V. Sludge Air Pumps				
2.5"	2,528.80	\$14.80	\$62.21	\$234.82
SECTION 4: COMPACTORS				
A. Hand Held Rammers				
<i>Gasoline</i>				
4" to 13"; 50 spm - 80 spm	4,490.24	\$153.89	\$620.13	\$2,234.68
13-1/2" to 17"; 350 spm - 700 spm	5,243.33	\$178.10	\$717.39	\$2,583.76
B. Hand Held Vibratory Plate Compactors				
<i>Diesel</i>				
21"	6,685.38	\$188.87	\$760.82	\$2,740.52
25"; 280 lbs	16,361.60	\$421.48	\$1,695.73	\$6,099.35
33"; 500 lbs	27,828.20	\$794.09	\$3,191.31	\$11,459.55
<i>Gasoline</i>				
17"	2,280.98	\$82.48	\$333.52	\$1,206.61
21"	3,122.09	\$101.56	\$410.42	\$1,483.68
25"; 280 lbs	4,238.13	\$131.05	\$530.22	\$1,919.33
33"; 500 lbs	4,833.00	\$148.72	\$602.16	\$2,180.78

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

SECTION 5: CONDUIT AND OTHER RACEWAY TOOLS

A. Drophead Ratchet Threaders

	717.38	\$2.46	\$9.94	\$35.90
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B. Duct Video Inspection Cameras

Electric

100'; on fiberglass duct rod	1,039.00	\$3.37	\$15.12	\$60.75
500'; on fiberglass duct rod	6,500.00	\$14.83	\$63.20	\$241.83

C. Feeding Sheaves

Manual

2"; Feeding Sheave	353.17	\$1.21	\$4.89	\$17.67
2-1/2"; Feeding Sheave	400.95	\$1.37	\$5.55	\$20.07

Hydraulic

3"; Feeding Sheave	454.91	\$13.46	\$56.36	\$211.79
3-1/2"; Feeding Sheave	496.96	\$13.80	\$57.76	\$216.82
4"; Feeding Sheave	533.01	\$14.10	\$58.95	\$221.13
5"; Feeding Sheave	611.46	\$14.74	\$61.55	\$230.51
6"; Feeding Sheave	805.41	\$16.33	\$67.97	\$253.71

D. Fiber Optic Stripping Tools

	34.19	\$0.12	\$0.47	\$1.71
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	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
E. Fiber Optic Termination Kits				
	105.81	\$0.36	\$1.47	\$5.30
F. Fish Tape				
125'	110	\$1.03	\$4.85	\$20.32
240'	175.02	\$0.96	\$4.58	\$19.37
240'; Small Diameter	87	\$0.96	\$4.58	\$19.37
G. Geared Pipe Threaders				
	2,631.99	\$9.95	\$41.01	\$151.50
H. Knockout Punches				
<i>Hydraulic</i>				
1/2" to 2"; Hydraulic, Driver Only	744.99	\$2.87	\$12.27	\$47.08
1-1/2" to 4"; Hydraulic, Driver Only	1,419.54	\$4.82	\$20.14	\$75.43
<i>Manual</i>				
1/2" to 3"; Ratchet, Driver Only	50.25	\$1.17	\$5.67	\$24.37
1/2" to 1-1/4"; Manual Punches	600.39	\$2.76	\$11.78	\$45.06
1/2" to 1"; One Shot, Driver Only	2,547.39	\$10.95	\$46.09	\$174.11
1/2" to 4"; One Shot, Driver Only	4,852.78	\$21.36	\$90.31	\$342.70
I. Oiler				
	129.99	\$0.95	\$4.30	\$17.48
J. Pipe Saws				
<i>Electric</i>				
Guillotine	3,250.00	\$26.08	\$118.26	\$480.11

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
K. Power Mules				
<i>Electric</i>				
Toledo Wheel Power Drive	1,399.99	\$6.74	\$28.43	\$107.56
L. Stock And Dies -- Gear Threader				
2-1/2" to 4"	2,631.99	\$14.89	\$61.79	\$229.91
2-1/2" to 6"	4,015.57	\$22.59	\$93.65	\$348.01
M. Stock And Dies -- Ratchet				
1/2" to 1-1/4"	317.49	\$1.09	\$4.40	\$15.89
1/2" to 2"	830.32	\$2.85	\$11.50	\$41.55
N. Stock And Dies -- Three Way				
3/8"; 1/2"; 1"	243.92	\$1.60	\$6.81	\$26.08
1/2"; 3/4"; 1"	284.81	\$1.82	\$7.75	\$29.57
O. Tap & Die Sets				
24pc	88.36	\$1.45	\$6.82	\$28.58
40pc Metric	171.87	\$1.91	\$8.74	\$35.71
45pc	321.2	\$2.74	\$12.18	\$48.45
P. Threading Machines				
<i>Electric</i>				
E.g.: 700 Portable Powerdrive with Adapter	1,440.97	\$17.77	\$75.65	\$289.13
E.g.: Ridgid Model 300	7,014.30	\$37.47	\$155.51	\$578.61

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Q. Wrenches				
<i>Hydraulic</i>				
2" to 4"	17,123.00	\$103.25	\$419.46	\$1,525.41
<i>Manual</i>				
1" to 5"; Strap Wrench	16.34	\$0.06	\$0.23	\$0.82
3" to 6"; Chain Wrench	327.57	\$1.12	\$4.54	\$16.39

SECTION 6: CONNECTION AND SPLICING TOOLS

A. Cable Cutters

<i>Manual</i>				
1"; EMT Cutter	41.63	\$0.29	\$1.29	\$5.20
3"; EMT Cutter	318.95	\$1.27	\$5.26	\$19.61
Fibre Duct Cutter	111.89	\$0.38	\$1.55	\$5.60
<i>Electric</i>				
750 MCM	1,285.00	\$14.99	\$60.84	\$220.96
<i>Hydraulic</i>				
4"; EMT Cutter	574.99	\$9.12	\$37.39	\$137.32
to 350 MCM	403.68	\$5.59	\$22.75	\$82.94
to 1,000 MCM	2,044.43	\$20.44	\$82.83	\$300.21

B. Cable Strippers

<i>Battery</i>				
20V	419	\$7.15	\$31.08	\$121.23
Armored Cable Battery	850	\$8.72	\$37.42	\$144.24
Armored Cable	1,500.00	\$11.08	\$46.99	\$178.93

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Manual				
Twin	252.62	\$0.87	\$3.50	\$12.64
Adjustable	335.83	\$1.15	\$4.65	\$16.81
URD End	350.53	\$1.20	\$4.85	\$17.54
Set	503.94	\$1.73	\$6.98	\$25.22
Aluminum Set	554.8	\$1.90	\$7.68	\$27.77
Copper Set	575	\$1.97	\$7.96	\$28.78
Mark 1 Kit	739.93	\$2.54	\$10.25	\$37.03
Mark 2 Kit	747.33	\$2.56	\$10.35	\$37.40
C. Soldering Pots				
Electric				
1 lb; 320 watts	393.29	\$1.70	\$7.13	\$26.78
D. Termination Tools				
Hydraulic				
8 to 500 MCM; Hyd. Hand Pump; No Dies	492.85	\$13.77	\$57.62	\$216.33
8 to 1,000 MCM; Hyd. Hand Pump; No Dies	961.81	\$17.62	\$73.15	\$272.42
Cable Bender; Hydraulic	2,615.61	\$31.18	\$127.94	\$470.22
8 to 500 MCM; Hyd. Hand Operated; No Dies	2,943.53	\$33.87	\$138.80	\$509.44
Manual				
Dies, Hand Operated - Each	93.65	\$0.32	\$1.30	\$4.69
Dies, Hand Pump-Small, Each	93.65	\$0.32	\$1.30	\$4.69
Dies, Hand Pump-Large, Each	112.35	\$0.39	\$1.56	\$5.62
17 to 66 MCM; with Dies; for 8 to 2 ga. Wire	315.42	\$1.08	\$4.37	\$15.79
8 to 500 MCM; with Dies	479.15	\$1.64	\$6.64	\$23.98

SECTION 7: CRANES

A. All Terrain Hydraulic Cranes---Single Engine

	Est. Price \$	Day \$	Week \$	Month \$
Diesel				
15 to 24.9 metric tons	281,115.00	\$1,082.31	\$4,563.09	\$17,270.80
25.0 to 34.9 metric tons	474,477.00	\$1,629.83	\$6,830.50	\$25,692.13

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
B. Cranes For Truck Mounting				
<i>Hydraulic/PTO</i>				
4 tons	11,000.00	\$132.26	\$547.02	\$2,028.86
7-1/2 tons	39,650.00	\$277.55	\$1,138.27	\$4,183.04
10 tons	45,750.00	\$336.18	\$1,378.91	\$5,068.26
15 to 18 tons	71,450.00	\$528.15	\$2,166.91	\$7,966.99
19 to 21 ton	85,984.00	\$582.04	\$2,384.60	\$8,753.53
25 tons	110,025.00	\$2,002.44	\$8,084.73	\$29,196.67
30 tons	110,025.00	\$2,002.44	\$8,084.73	\$29,196.67
C. Crawler Mounted Lattice Boom Cranes				
<i>Diesel</i>				
0 to 25.9 metric tons	169,185.00	\$979.07	\$4,125.69	\$15,602.17
26 to 35.9 metric tons	609,286.00	\$2,218.82	\$9,200.46	\$34,217.85
36 to 40.9 metric tons	1,154,473.00	\$3,602.03	\$14,863.06	\$54,967.06
41 to 45.9 metric tons	1,699,660.00	\$5,229.80	\$21,531.67	\$79,465.15
46.0 to 50.9 metric tons	962,261.00	\$3,264.32	\$13,529.89	\$50,296.51
51.0 to 55.9 metric tons	1,693,770.00	\$5,237.53	\$21,576.70	\$79,684.30
56.0 to 67.9 metric tons	1,696,630.00	\$5,265.91	\$21,701.81	\$80,179.24
68.0 to 80.9 metric tons	1,693,770.00	\$5,261.30	\$21,685.82	\$80,132.22
81.0 to 107.9 metric tons	1,451,980.00	\$4,943.99	\$20,398.50	\$75,457.88
108.0 to 149.9 metric tons	1,814,230.00	\$5,817.58	\$23,998.93	\$88,760.86
150.0 to 200.9 metric tons	2,231,930.00	\$6,384.79	\$26,540.94	\$98,973.03
D. Hydraulic Yard Cranes				
<i>Diesel</i>				
0 to 9.9 metric tons	155,054.00	\$1,908.77	\$7,716.55	\$27,896.54
10.0 to 16.9 metric tons	304,378.00	\$2,023.38	\$8,235.71	\$30,002.33
17.0 to 24.9 metric tons	445,547.00	\$3,742.99	\$15,118.56	\$54,624.77
<i>Gasoline</i>				
0 to 9.9 metric tons	155,054.00	\$1,908.77	\$7,716.55	\$27,896.54
10.0 to 16.9 metric tons	304,378.00	\$2,023.38	\$8,235.71	\$30,002.33

E. Rough Terrain Hydraulic Cranes	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Diesel</i>				
0 to 9.9 metric tons	92,720.00	\$686.12	\$2,843.39	\$10,568.37
17.0 to 24.9 metric tons	201,806.00	\$1,660.84	\$6,771.62	\$24,725.28
25.0 to 29.9 metric tons	226,639.00	\$1,280.86	\$5,312.56	\$19,763.70
10.0 to 16.9 metric tons	228,311.00	\$1,239.28	\$5,110.97	\$18,897.63
30.0 to 34.9 metric tons	303,256.00	\$1,732.16	\$7,138.26	\$26,371.76
35.0 to 39.9 metric tons	364,245.00	\$2,651.54	\$10,800.18	\$39,391.23
40.0 to 49.9 metric tons	398,572.00	\$1,875.48	\$7,768.20	\$28,856.87
50.0 to 65.9 metric tons	464,176.00	\$1,937.10	\$8,087.63	\$30,299.73
66.0 to 80.9 metric tons	610,872.00	\$2,553.65	\$10,615.31	\$39,585.44
81.0 metric tons and over	725,752.00	\$2,926.75	\$12,152.48	\$45,262.76
F. Truck Mounted Hydraulic Cranes---Single Engine				
<i>Diesel</i>				
0 to 16.9 metric tons	349,239.60	\$1,097.78	\$4,659.97	\$17,761.74
17.0 to 24.9 metric tons	325,225.68	\$1,213.85	\$5,115.67	\$19,354.41
25.0 to 29.9 metric tons	401,092.81	\$1,310.10	\$5,605.32	\$21,530.86
30.0 to 34.9 metric tons	270,157.00	\$1,133.11	\$4,812.31	\$18,351.62
35.0 to 39.9 metric tons	590,485.00	\$1,933.33	\$8,125.88	\$30,647.43
40.0 to 49.9 metric tons	524,771.00	\$1,690.26	\$7,148.78	\$27,145.88
50.0 to 65.9 metric tons	519,812.00	\$1,707.60	\$7,246.01	\$27,608.42
66.0 to 80.9 metric tons	504,140.00	\$1,586.21	\$6,896.57	\$26,922.78
81.0 to 110.9 metric tons	742,164.00	\$2,241.22	\$9,518.30	\$36,297.17
G. Truck Mounted Lattice Boom Cranes				
<i>Diesel</i>				
35.0 to 49.9 metric tons	615,154.00	\$1,528.59	\$6,433.09	\$24,303.42
50.0 to 74.9 metric tons	646,139.00	\$1,590.39	\$6,745.89	\$25,692.26
100.0 to 149.9 metric tons	1,176,190.00	\$2,450.04	\$10,392.63	\$39,582.63
150.0 to 199.9 metric tons	1,315,550.00	\$2,704.04	\$11,494.49	\$43,874.63
200.0 to 299.9 metric tons	1,823,800.00	\$3,610.74	\$15,318.56	\$58,353.74

SECTION 8: DRILLING EQUIPMENT

Owning & Operating Rate

	Est. Price \$	Day \$	Week \$	Month \$
A. Bench Drill Presses				
<i>Electric</i>				
1/2"	294.26	\$4.41	\$18.93	\$72.94
3/4"	949.68	\$8.11	\$33.92	\$127.34
B. Continuous Production Drills---Hand Held				
<i>Electric</i>				
3/4"; Taper Spindle	1,037.82	\$16.52	\$68.11	\$251.85
1-1/4"; ExtraHD Taper Socket	1,124.99	\$17.39	\$71.64	\$264.49
C. Cordless Drills				
<i>Electric</i>				
3/8"; Variable, Reversible	158.11	\$4.35	\$18.37	\$69.74
3/8"; 2-Spd, Reversible	327.36	\$5.89	\$24.60	\$92.14
1/2"; 2-Speed Variable	423.64	\$6.77	\$28.14	\$104.89
1/2"; Right Angle Drill Kit	579	\$9.70	\$39.90	\$147.07
D. Diamond Core Bits				
<i>Manual</i>				
1/2"	17.81	\$4.05	\$17.40	\$67.13
3/4"	49.99	\$4.42	\$18.89	\$72.50
1"	58.95	\$4.52	\$19.31	\$73.99
1-1/4"	72.1	\$4.67	\$19.92	\$76.19
1-1/2"	77.26	\$4.73	\$20.16	\$77.05
2"	109.31	\$5.10	\$21.64	\$82.39
2-1/4"	146.5	\$5.53	\$23.36	\$88.60
2-1/2"	161.88	\$5.71	\$24.08	\$91.16
3"	201.43	\$6.16	\$25.91	\$97.76
3-1/2"	218.4	\$6.36	\$26.69	\$100.59
4"	236.5	\$6.56	\$27.53	\$103.61
5"	258.42	\$6.82	\$28.55	\$107.27

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6"	262.8	\$6.87	\$28.75	\$108.00
7"	306.6	\$7.37	\$30.78	\$115.30
9"	350.4	\$7.87	\$32.81	\$122.61
8"	352.59	\$7.90	\$32.91	\$122.98
10"	468.66	\$9.23	\$38.28	\$142.34
12"	565.02	\$10.00	\$41.37	\$153.46

E. Diamond Core Drills

Electric

1" to 6-1/2"; Mechanical Hold Down	1,870.00	\$34.81	\$142.35	\$521.31
1" to 10"; Vacuum Hold Down	2,510.00	\$44.37	\$180.67	\$658.50

F. Electric Drill Stands

1/4"	175	\$2.71	\$11.33	\$42.58
1/2"	325	\$3.46	\$14.36	\$53.50

G. Floor Stand Drill Presses

Electric

13"; 5-Speed	717	\$6.78	\$28.54	\$107.79
16"; 5-Speed	870	\$7.64	\$32.02	\$120.44
20"; 9-Speed	1,465.00	\$10.98	\$45.58	\$169.64
20"; 5-Speed	2,220.00	\$15.22	\$62.79	\$232.07
15"; Variable Speed	3,005.00	\$19.63	\$80.66	\$296.98
20"; Variable Speed	5,153.00	\$31.70	\$129.62	\$474.58
20"; Power Feed	8,143.00	\$48.50	\$197.72	\$721.80

H. Hammer Drills

Electric

3/8"	479.68	\$10.72	\$44.60	\$166.38
1/2"	581.85	\$17.16	\$71.62	\$268.14
3/4"; Rotary	381.08	\$11.22	\$47.80	\$182.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
3/4"; Percussion	1,037.82	\$18.70	\$77.80	\$290.31
7/8"; Rotary	445.94	\$11.96	\$50.76	\$193.43
1"; Rotary	847.29	\$16.53	\$69.09	\$259.12
1"; Variable Speed Reversing	917.36	\$20.58	\$85.32	\$317.09
1-1/4"; Rotary	806.75	\$16.07	\$67.24	\$252.49
1-1/2"; Rotary	1,155.39	\$20.04	\$83.17	\$309.56
2"; Rotary	1,347.96	\$22.24	\$91.96	\$341.08
2.5"; Percussion	1,520.25	\$29.98	\$122.99	\$452.04
over 2.5"; Percussion	1,551.10	\$30.05	\$123.26	\$452.95
I. Hand Held Standard Drills				
<i>Electric</i>				
3/8"; Variable Speed Reversing	549.99	\$11.10	\$45.99	\$170.80
1/2"; D-Handle Reversing	209	\$6.44	\$27.24	\$103.47
1/2"; Variable Speed Reversing	289.86	\$6.63	\$28.01	\$106.31
1/2"; Right Angle Reversing	323.93	\$8.01	\$33.56	\$126.16
3/4"; Right Angle Reversing	743.91	\$13.17	\$54.30	\$200.71
J. Hand-Held Drills				
<i>Electric</i>				
3/4"; Continuous Production	829.05	\$18.56	\$77.20	\$288.01
3/4"; D-Handle Reversing	833.13	\$14.97	\$61.55	\$226.71
1-1/4"; Continuous Production	920.37	\$20.63	\$85.50	\$317.74
K. Hand-Held Rock Drills (Jackhammers)				
<i>Air</i>				
0 to 19 lbs	1,840.00	\$13.36	\$56.36	\$213.41
30 to 39 lbs	2,323.00	\$15.41	\$64.68	\$243.71
40 to 49 lbs	2,367.00	\$15.59	\$65.40	\$246.33
50 lbs and over	2,474.00	\$16.04	\$67.25	\$253.05

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
L. Hot Tap Drill Kit				
3/4" to 4"	660.31	\$9.67	\$40.09	\$149.06
M. Hydraulic Hammer Drills				
<i>Hydraulic</i>				
	3,812.00	\$28.66	\$117.29	\$430.09
N. Magnetic---Two-Coil Base Drill Presses				
<i>Electric</i>				
3/4"	2,445.95	\$20.90	\$86.32	\$319.72
1"	1,060.00	\$12.06	\$50.67	\$190.95
1/2"	1,475.33	\$15.63	\$65.05	\$242.89
1-1/4" to 2"	1,628.00	\$15.71	\$65.39	\$244.09
O. Portable Earth Augers				
<i>Gasoline</i>				
One Man Operation	842.4	\$7.42	\$32.11	\$124.71
Two Man Operation	1,816.43	\$14.32	\$62.51	\$245.00
Mobile Wheel Mounted	1,988.06	\$17.14	\$75.95	\$302.04
Mobile Trailer Mounted	7,055.10	\$41.78	\$182.44	\$715.31
P. Rock Drill Adapters				
	47.9	\$4.40	\$18.80	\$72.15
Q. Rock Drill Shanks				
12" to 24"; 0.875" Shank	842.6	\$13.53	\$55.60	\$204.71
24" to 48"; 0.875" Shank	1,062.60	\$16.06	\$65.79	\$241.41
2' to 6'; 1" Shank	596.2	\$8.93	\$37.12	\$138.37
6' to 10'; 1" Shank	660.01	\$11.43	\$47.14	\$174.25

R. Standard Drills---Hand Held	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Electric</i>				
1/4"; Variable Speed Reversing	268.58	\$6.40	\$27.11	\$103.07
1/4"; Variable Speed Reversing; Heavy Duty D-Handle	348.53	\$8.34	\$34.89	\$130.97
3/8"	779.99	\$13.93	\$57.36	\$211.68

SECTION 9: FIBER OPTIC TEST AND SPLICE EQUIPMENT

A. Fiber Inspectors

Battery

	2,900.00	\$19.28	\$80.16	\$298.78
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B. Fusion Splicers

Battery

Active V-Groove Splicer	3,095.00	\$35.18	\$170.68	\$733.73
Clad Alignment Splicer	3,798.00	\$36.65	\$176.87	\$757.04
Core Alignment Splicer	7,400.00	\$44.21	\$208.58	\$876.48
Mass Fusion Splicer	7,400.00	\$44.21	\$208.58	\$876.48

C. Light Injection Detectors

Battery

	348.53	\$1.83	\$7.62	\$28.53
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D. Optical Time Domain Reflectometers

Battery

	3,944.90	\$24.04	\$99.42	\$368.54
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E. Power Meters	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Battery				
for multi-mode with camera	2,357.67	\$16.81	\$70.16	\$262.58
for single mode with camera	10,800.00	\$86.63	\$362.73	\$1,362.61
F. Wi-Fi Analyzers				
Battery				
	7,305.00	\$46.62	\$194.04	\$724.33
SECTION 10: GENERAL EQUIPMENT				
A. Beveling Machines				
Electric				
4" to 8"	2,001.00	\$19.75	\$83.68	\$318.22
8" to 12"	2,850.00	\$22.75	\$95.84	\$362.31
14" to 20"	5,813.00	\$33.23	\$138.29	\$516.22
B. Bolt Cutters				
18"	27.48	\$0.09	\$0.38	\$1.38
24"	29.98	\$0.10	\$0.42	\$1.50
30"	87.57	\$0.30	\$1.21	\$4.38
36"	119.17	\$0.41	\$1.65	\$5.96
C. Brooms				
	34.97	\$0.32	\$1.26	\$4.51
D. Chipping Hammers				
Hydraulic				
1/2" to 3/4"; To 12 lb	549.99	\$11.56	\$48.32	\$181.22
1/2" to 3/4"; 12 lb and over	779.99	\$13.42	\$55.86	\$208.45

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
E. Conveyor Double Bucket Elevator				
<i>Electric</i>				
16' to 32'	19,100.00	\$124.08	\$537.13	\$2,087.44
33' to 40'	26,701.00	\$139.66	\$601.08	\$2,323.09
F. Copper Cleaning & Prep Machine				
<i>Electric</i>				
	1,797.92	\$17.62	\$73.41	\$274.37
G. Cutting Machine				
<i>Electric</i>				
1/2" to 4"; with Stand	323.93	\$13.82	\$59.65	\$231.11
H. Double Tensioners				
<i>Hydraulic</i>				
0 to 5,000 lbs	61,659.00	\$246.86	\$1,014.95	\$3,738.73
0 to 15,000 lbs	186,082.00	\$694.02	\$2,842.18	\$10,424.49
0 to 30,000 lbs	237,900.00	\$880.25	\$3,603.16	\$13,208.89
I. Drinking Water Containers				
2 gallon	6.35	\$0.18	\$0.70	\$2.51
5 gallon	13.4	\$0.23	\$0.91	\$3.23
10 gallon	95.02	\$0.82	\$3.27	\$11.66
J. Extension Cords				
50	64.1	\$0.39	\$1.57	\$5.60
100	99.98	\$0.61	\$2.44	\$8.73
200	149.9	\$0.92	\$3.66	\$13.09

K. Garden Hoses	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
	45.35	\$0.47	\$1.89	\$6.75
L. General Purpose Portable Belt Conveyors				
<i>Electric</i>				
Up to 23" Width; 15' Length	8,560.06	\$80.68	\$344.39	\$1,319.69
Up to 23" Width; 27' Length	11,918.00	\$91.95	\$390.94	\$1,492.03
M. Gravity Skate Wheel Conveyors				
12" X 120"	134	\$0.96	\$4.36	\$17.70
18" X 120"	166.49	\$1.08	\$4.83	\$19.44
N. Ladders				
3'; Step Ladder	84.01	\$0.48	\$1.94	\$6.92
4'; Stepladders; Aluminum	47.98	\$0.29	\$1.17	\$4.19
4'; Stepladders; Fiberglass	62	\$0.38	\$1.52	\$5.41
6'; Step with Safety Shoes; Fiberglass	168.62	\$1.03	\$4.12	\$14.72
6'; Platform Step with Safety Shoes; Aluminum	169.88	\$1.04	\$4.15	\$14.83
6'; Step with Safety Shoes; Aluminum	198.91	\$1.22	\$4.86	\$17.37
8'; Step with Safety Shoes; Aluminum	149.03	\$0.91	\$3.64	\$13.01
8'; Step with Safety Shoes; Fiberglass	149	\$0.91	\$3.64	\$13.01
8'; Platform Step with Safety Shoes; Aluminum	319.19	\$1.95	\$7.80	\$27.87
10'; Platform Step with Safety Shoes; Aluminum	169	\$1.03	\$4.13	\$14.76
10'; Step with Safety Shoes; Fiberglass	265	\$1.62	\$6.48	\$23.14
12'; Step with Safety Shoes; Fiberglass	259	\$1.58	\$6.33	\$22.61
12'; Platform Step with Safety Shoes; Aluminum	320.08	\$1.96	\$7.82	\$27.95

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
14'; Platform Step with Safety Shoes; Aluminum	449.22	\$2.74	\$10.98	\$39.22
14'; Step with Safety Shoes; Fiberglass	682.62	\$4.17	\$16.69	\$59.60
16'; Step with Safety Shoes; Aluminum	437.6	\$2.67	\$10.70	\$38.21
16'; Platform Step with Safety Shoes; Aluminum	640.95	\$3.92	\$15.67	\$55.96
16'; Step with Safety Shoes; Fiberglass	737.58	\$4.51	\$18.03	\$64.40
20'; Extension; Aluminum	137.42	\$0.84	\$3.36	\$12.00
20'; Extension; Fiberglass	224	\$1.37	\$5.48	\$19.56
24'; Extension; Aluminum	159	\$0.97	\$3.89	\$13.88
24'; Extension; Fiberglass	289	\$1.77	\$7.06	\$25.23
28'; Extension; Aluminum	341.81	\$2.09	\$8.35	\$29.84
28'; Extension; Fiberglass	349	\$2.13	\$8.53	\$30.47
30'; Extension; Fiberglass	259.33	\$1.58	\$6.34	\$22.64
30'; Extension; Aluminum	353	\$2.16	\$8.63	\$30.82
32'; Extension; Aluminum	369	\$2.25	\$9.02	\$32.22
32'; Extension; Fiberglass	429	\$2.62	\$10.49	\$37.46
36'; Aluminum	417.48	\$2.55	\$10.20	\$36.45
40'; Extension; Fiberglass	491.82	\$3.00	\$12.02	\$42.94
40'; Extension; Aluminum	548.94	\$3.35	\$13.42	\$47.93
O. Leaf Blowers				
<i>Battery</i>				
	339	\$2.50	\$10.78	\$41.70
<i>Gasoline</i>				
	159	\$16.84	\$73.24	\$285.96
P. Manhole Ventilation Blower				
<i>Electric</i>				
	1,512.71	\$12.38	\$54.21	\$213.07
<i>Gasoline</i>				
	27,802.24	\$167.10	\$691.56	\$2,565.74

Q. Material Carts	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2 Tray Narrow	235.99	\$1.83	\$7.34	\$26.22
2 Tray	285	\$2.19	\$8.76	\$31.28
4 Tray	395.93	\$2.99	\$11.96	\$42.74
Collapsible	505	\$3.78	\$15.12	\$54.00
Lockable	513	\$3.84	\$15.35	\$54.83
Lockable with Power	710	\$5.26	\$21.04	\$75.17
R. Poly Box Trucks				
6 Bushel; Poly Box Truck, 6 Bushel	195	\$1.54	\$6.16	\$21.99
16 Bushel; Poly Box Truck, 16 Bushel	300	\$2.30	\$9.19	\$32.83
20 Bushel; Poly Box Truck, 20 Bushel	360	\$2.73	\$10.93	\$39.03
S. Portable Belt Conveyors				
<i>Electric</i>				
18' x 144"	40,817.00	\$184.33	\$775.15	\$2,926.10
T. Portable Blower / Vacuum Systems				
<i>Battery</i>				
	2,858.97	\$19.93	\$81.77	\$300.43
U. Portable Fans & Circulators				
<i>Electric</i>				
18"; 2 Speed; Pedestal Mounted	53.95	\$3.32	\$14.51	\$56.85
20"; 3 Speed; Floor Mounted	109.22	\$3.44	\$14.99	\$58.64
20"; 3 Speed; Pedestal Mounted	311.99	\$3.81	\$16.51	\$64.24
24"; 3 Speed; Pedestal Mounted	261	\$3.70	\$16.06	\$62.57
24"; 3 Speed; Floor Mounted	279.99	\$3.77	\$16.34	\$63.62
30" to 36"; 4 Speed; Wall Mounted	225.95	\$3.68	\$15.98	\$62.27
30" to 36"; 4 Speed; Pedestal Mounted	241.95	\$3.72	\$16.14	\$62.88
30" to 36"; 3 Speed; Floor Mounted	349.93	\$3.91	\$16.91	\$65.72

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
30" to 36"; 2 Speed; Floor Mounted	405.32	\$4.06	\$17.53	\$67.99
Battery Powered	139	\$2.11	\$9.17	\$35.73
V. Post Drivers				
<i>Gasoline</i>				
	1,699.00	\$17.32	\$78.64	\$319.65
W. Reel Carrier				
<i>Manual</i>				
to 20,000 lbs	43,790.00	\$160.95	\$659.56	\$2,420.84
X. Reel Cart Or Stand				
66"	6,650.00	\$26.47	\$110.30	\$412.24
72"	8,000.00	\$31.36	\$130.26	\$485.25
96"	10,680.00	\$41.06	\$169.90	\$630.19
108"	13,300.00	\$50.55	\$208.65	\$771.88
Y. Reel Winder				
<i>Hydraulic</i>				
	18,750.00	\$79.96	\$330.30	\$1,223.02
Z. Shovel - Pole Hole				
8"	111.09	\$0.93	\$3.73	\$13.32
10"	120.83	\$1.00	\$4.01	\$14.33
12"	135.69	\$1.11	\$4.44	\$15.86
AA. Single Pullers				
<i>Diesel</i>				
0 to 6,000 lbs; E.g.: TSE DP-60	66,167.00	\$408.17	\$1,820.34	\$7,278.64

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
0 to 15,000 lbs; E.g.: TSE DP-100	188,709.00	\$782.81	\$3,410.36	\$13,336.10
0 to 30,000 lbs	324,867.00	\$1,366.97	\$6,016.45	\$23,760.05
AB. Single Tensioners				
<i>Hydraulic</i>				
0 to 5,000 lbs	34,550.00	\$149.44	\$616.83	\$2,282.05
0 to 15,000 lbs	128,650.00	\$487.62	\$1,998.76	\$7,338.43
0 to 30,000 lbs	186,080.00	\$694.01	\$2,842.15	\$10,424.39
AC. Sound Power Telephones				
	746	\$4.49	\$18.61	\$69.23
AD. Spoon - Pole Hole				
8'	106.1	\$0.90	\$3.59	\$12.81
10'	118.17	\$0.98	\$3.93	\$14.05
12'	131.28	\$1.08	\$4.31	\$15.41
AE. Sprayers				
<i>Electric</i>				
Airless with Gun and Hose (Self-contained)	987.36	\$14.53	\$65.33	\$263.12
<i>Gasoline</i>				
Airless with Gun and Hose (Self-contained)	3,667.14	\$33.50	\$141.73	\$538.19
AF. Tape Embossers				
<i>Manual</i>				
	160	\$1.85	\$7.40	\$26.42

AG. Track Carrier	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Diesel</i>				
E.g.: Yanmar C30R-3	84,026.00	\$687.67	\$2,887.98	\$10,883.03
AH. Trailer Mounted Tar Kettles				
80 gallon	3,500.00	\$23.50	\$98.68	\$371.91
115 gallon	4,200.00	\$26.25	\$109.88	\$412.84
165 gallon	4,600.00	\$27.81	\$116.28	\$436.23
175 gallon	6,600.00	\$35.66	\$148.29	\$553.18
250 gallon	9,600.00	\$47.43	\$196.30	\$728.61
350 gallon	11,400.00	\$54.49	\$225.10	\$833.87
500 gallon	15,400.00	\$70.18	\$289.12	\$1,067.77
AI. Triple Tensioners				
<i>Hydraulic</i>				
to 5,000 lbs	61,659.00	\$246.86	\$1,014.95	\$3,738.73
to 15,000 lbs	184,480.00	\$688.26	\$2,818.66	\$10,338.41
to 30,000 lbs	485,960.00	\$1,771.74	\$7,246.09	\$26,538.18
AJ. Ventilating Blowers				
<i>Electric</i>				
to 8"	1,325.27	\$5.95	\$25.32	\$96.74
10" to 12"	3,929.25	\$11.37	\$47.66	\$179.22
24"	5,386.56	\$14.41	\$60.16	\$225.35
36"	7,809.42	\$19.45	\$80.94	\$302.07
AK. Ventilating Fans				
<i>Hydraulic</i>				
24"; Cooling Fan, Pedestal Type	570.06	\$6.76	\$28.18	\$105.30
24"; Exhaust Fan	752.59	\$7.92	\$32.84	\$122.18
36"; Exhaust Fan	1,509.23	\$12.69	\$52.17	\$192.15

AL. Wheelbarrows	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
	109	\$2.22	\$9.60	\$37.27

AM. Work Bench

72" X 30"	562.47	\$2.83	\$11.41	\$41.11
96" X 36"	369.43	\$1.88	\$7.61	\$27.53

SECTION 11: GENERATORS

A. Large Generator Sets

Diesel

20 kw; Enclosed	29,652.00	\$139.48	\$641.02	\$2,633.99
20 kw; Open	29,652.00	\$139.48	\$641.02	\$2,633.99
30 kw; Enclosed	29,619.00	\$151.66	\$711.35	\$2,974.61
30 kw; Open	29,619.00	\$151.66	\$711.35	\$2,974.61
40 kw; Enclosed	29,605.00	\$176.80	\$837.84	\$3,533.83
40 kw; Open	29,605.00	\$176.80	\$837.84	\$3,533.83
45 kw; Enclosed	33,967.70	\$193.39	\$906.78	\$3,790.87
45 kw; Open	23,751.70	\$176.00	\$834.75	\$3,523.27
50 kw; Enclosed	29,540.00	\$207.83	\$991.72	\$4,206.68
50 kw; Open	29,540.00	\$207.83	\$991.72	\$4,206.68
60 kw; Enclosed	37,234.70	\$249.86	\$1,178.55	\$4,951.61
60 kw; Open	27,134.70	\$232.00	\$1,104.69	\$4,677.65
65 kw; Enclosed	41,315.00	\$275.87	\$1,303.41	\$5,483.84
65 kw; Open	41,315.00	\$275.87	\$1,303.41	\$5,483.84
75 kw; Enclosed	42,695.00	\$304.55	\$1,444.22	\$6,094.75
75 kw; Open	42,695.00	\$304.55	\$1,444.22	\$6,094.75
90 kw; Enclosed	43,794.00	\$311.28	\$1,494.76	\$6,373.14
90 kw; Open	43,794.00	\$311.28	\$1,494.76	\$6,373.14
100 kw; Enclosed	32,843.90	\$362.13	\$1,749.76	\$7,497.48
100 kw; Open	40,276.90	\$374.56	\$1,801.28	\$7,688.97
125 kw; Enclosed	39,196.00	\$391.15	\$1,869.87	\$7,943.37

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
125 kw; Open	39,196.00	\$391.15	\$1,869.87	\$7,943.37
150 kw; Enclosed	44,045.00	\$471.32	\$2,263.66	\$9,652.55
150 kw; Open	44,045.00	\$471.32	\$2,263.66	\$9,652.55
200 kw; Enclosed	48,223.00	\$499.86	\$2,419.04	\$10,378.39
200 kw; Open	48,223.00	\$499.86	\$2,419.04	\$10,378.39
225 kw; Enclosed	76,802.50	\$712.40	\$3,425.42	\$14,620.13
225 kw; Open	53,949.50	\$675.64	\$3,273.07	\$14,053.78
300 kw; Enclosed	64,883.00	\$842.32	\$4,088.95	\$17,585.71
300 kw; Open	64,883.00	\$842.32	\$4,088.95	\$17,585.71
350 kw; Enclosed	74,724.00	\$960.67	\$4,664.11	\$20,061.45
350 kw; Open	74,724.00	\$960.67	\$4,664.11	\$20,061.45
400 kw; Enclosed	139,152.00	\$1,209.40	\$5,907.76	\$25,533.48
400 kw; Open	139,152.00	\$1,209.40	\$5,907.76	\$25,533.48
450 kw; Enclosed	87,379.00	\$1,145.41	\$5,466.61	\$23,191.62
450 kw; Open	87,379.00	\$1,145.41	\$5,466.61	\$23,191.62
500 kw; Enclosed	104,344.00	\$1,241.75	\$5,914.48	\$25,050.22
500 kw; Open	104,344.00	\$1,241.75	\$5,914.48	\$25,050.22
600 kw; Enclosed	179,423.00	\$1,447.32	\$6,811.95	\$28,567.75
600 kw; Open	129,913.00	\$1,343.24	\$6,384.74	\$26,996.46
700 kw; Enclosed	166,207.00	\$1,932.66	\$9,326.08	\$39,919.23
700 kw; Open	166,207.00	\$1,932.66	\$9,326.08	\$39,919.23
800 kw; Enclosed	181,450.00	\$2,152.45	\$10,465.08	\$45,063.33
800 kw; Open	181,450.00	\$2,152.45	\$10,465.08	\$45,063.33
900 kw; Enclosed	283,926.00	\$2,870.30	\$13,829.68	\$59,124.36
900 kw; Open	283,926.00	\$2,870.30	\$13,829.68	\$59,124.36
1,000 kw; Enclosed	381,148.00	\$3,533.46	\$16,969.83	\$72,360.09
1,000 kw; Open	381,148.00	\$3,533.46	\$16,969.83	\$72,360.09
1,500 kw; Enclosed	688,845.00	\$5,469.94	\$26,150.95	\$111,098.66
1,500 kw; Open	688,845.00	\$5,469.94	\$26,150.95	\$111,098.66
Gasoline				
25 to 45 kw	13,625.00	\$175.94	\$847.19	\$3,620.13
50 to 65 kw	17,050.00	\$260.05	\$1,257.95	\$5,394.95
70 to 85 kw	20,925.00	\$370.17	\$1,802.28	\$7,769.07
100 to 115 kw	40,300.00	\$615.68	\$2,975.88	\$12,754.10
125 kw and over	40,450.00	\$429.74	\$2,072.94	\$8,869.82

B. Small Generator Sets	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Diesel</i>				
0 to 2,500 watt	2,833.00	\$21.42	\$100.85	\$423.01
3,000 to 4,000 watt	3,733.00	\$24.72	\$116.17	\$486.50
5,000 to 6,000 watt	4,676.00	\$36.90	\$175.33	\$741.06
6,500 watts	8,929.00	\$54.15	\$253.78	\$1,060.44
5,001 to 9,999 watt	15,905.00	\$69.40	\$317.45	\$1,299.13
10,000 watts	16,350.00	\$78.46	\$361.03	\$1,485.18
10,001 to 14,000 watt	17,833.10	\$89.81	\$415.60	\$1,717.97
15,000 to 20,000 watt	20,797.10	\$129.87	\$606.56	\$2,527.27
<i>Gasoline</i>				
1,000 watts	1,098.00	\$51.26	\$252.61	\$1,099.31
1,500 to 1,800 watt	1,123.00	\$18.18	\$87.96	\$377.34
2,500 watt	1,620.00	\$25.84	\$125.23	\$537.93
3,000 watt	2,149.00	\$35.20	\$170.95	\$735.48
3,500 watt	2,381.00	\$35.73	\$173.14	\$743.52
4,000 watt	2,699.00	\$45.80	\$223.23	\$963.23
5,000 watt	3,030.00	\$46.50	\$226.13	\$973.91
5,500 watt	4,037.00	\$51.87	\$249.03	\$1,061.62
6,000 watt	4,037.00	\$58.39	\$281.62	\$1,205.02
7,500 watt	4,856.00	\$70.32	\$339.33	\$1,452.39
9,000 watt	6,021.00	\$85.21	\$412.18	\$1,767.71
11,000 watt	5,833.00	\$89.30	\$432.62	\$1,857.66
12,000 watt	8,051.00	\$107.05	\$517.12	\$2,215.31

SECTION 12: HEATERS

A. Forced Air Space Heaters

<i>Electric</i>				
1,600 watt	299	\$8.86	\$36.02	\$131.04
4,000 watt	207	\$4.48	\$20.84	\$86.50

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
LPG				
30,000 Btu; without fuel	175.34	\$6.61	\$26.96	\$98.53
40,000 btu; without fuel	235	\$6.64	\$27.08	\$98.98
75,000 btu; without fuel	260	\$7.82	\$31.85	\$116.11
60000 btu; without fuel	249.59	\$7.96	\$32.40	\$118.05
15,000 Btu; without fuel	333.86	\$9.49	\$38.56	\$140.16
150,000 btu; without fuel	396	\$9.52	\$38.65	\$140.52
80,000 btu; without fuel	387.4	\$10.47	\$42.49	\$154.28
175,000 to 350,000 btu; without fuel	760	\$15.09	\$61.07	\$221.15
B. Ground Thawers				
LPG				
48" x 54"; without fuel	2,699.00	\$52.58	\$211.72	\$761.97
C. High Pressure/Oil Fired Space Heaters				
Kerosene				
320,000 btu; without fuel	2,065.00	\$28.60	\$115.52	\$417.41
650,000 btu; without fuel	2,131.50	\$35.15	\$141.81	\$511.65
50,000 btu; without fuel	267	\$7.06	\$28.81	\$105.24
100,000 btu; without fuel	435	\$9.36	\$38.05	\$138.46
150,000 btu; without fuel	500	\$10.25	\$41.62	\$151.31
D. Radiant Space Heaters				
LPG				
30,000 to 80,000 btu; without fuel	208	\$10.07	\$41.32	\$151.88
30,000 to 250,000 btu; without fuel	358	\$12.42	\$50.75	\$185.78
E. Sunflower Heaters				
LPG				
Single Head	79.99	\$4.87	\$19.98	\$73.46
Double Head	118.11	\$5.56	\$22.77	\$83.48

SECTION 13: HOISTS

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

A. Block & Tackle Hoists

1/2"; Block and Tackle	109.99	\$0.84	\$3.89	\$15.98
3/4"; Block and Tackle	434.46	\$1.93	\$8.30	\$32.09
1"; Block and Tackle	655.54	\$2.84	\$12.01	\$45.63

B. Cable Chokers

1/4" diameter; 60" height	33.83	\$0.36	\$1.45	\$5.18
1/4" diameter; 120" height	49.53	\$0.47	\$1.88	\$6.73
1/4" diameter; 180" height	76	\$0.65	\$2.61	\$9.33
1/4" diameter; 240" height	105.73	\$0.86	\$3.43	\$12.26
1/2" diameter; 60" height	56.39	\$0.52	\$2.07	\$7.40
1/2" diameter; 120" height	36.4	\$0.38	\$1.52	\$5.44
1/2" diameter; 180" height	47.2	\$0.45	\$1.82	\$6.50
1/2" diameter; 240" height	48.7	\$0.47	\$1.86	\$6.65
3/4" diameter; 60" height	132.4	\$1.09	\$4.35	\$15.52
3/4" diameter; 120" height	34.7	\$0.37	\$1.47	\$5.27
3/4" diameter; 180" height	119.31	\$0.95	\$3.81	\$13.60
3/4" diameter; 240" height	116.55	\$0.93	\$3.73	\$13.33
1" diameter; 60" height	132.4	\$1.09	\$4.35	\$15.52
1" diameter; 120" height	136.4	\$1.12	\$4.46	\$15.94
1" diameter; 180" height	219.22	\$1.71	\$6.86	\$24.49
1" diameter; 240" height	207.77	\$1.63	\$6.52	\$23.31

C. Coffing Hoists

1/2 ton	298.53	\$1.27	\$5.44	\$20.88
3/4 ton	425.95	\$1.70	\$7.17	\$27.21
1-1/2 tons	784.11	\$2.89	\$12.04	\$44.99
3 tons	1,629.20	\$5.71	\$23.53	\$86.95
6 tons	3,177.55	\$10.87	\$44.59	\$163.82

D. Com-Alongs	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1/2 tons; Chain or Cable	160	\$1.01	\$4.57	\$18.46
3/4 tons; Chain or Cable	285	\$1.43	\$6.27	\$24.67
1 to 2 tons; Chain or Cable	450	\$2.10	\$8.99	\$34.62
3 to 4 tons; Chain or Cable	860	\$3.57	\$15.01	\$56.58
6 tons; Chain or Cable	1,400.00	\$5.51	\$22.93	\$85.51
E. Drum Hoists				
<i>Air</i>				
35,000 lbs; Double-Drum	248,441.36	\$824.84	\$3,394.22	\$12,515.19
65,000 lbs; Double-Drum	328,117.25	\$1,084.70	\$4,461.76	\$16,444.33
125,000 lbs; Double-Drum	381,105.67	\$1,257.51	\$5,171.73	\$19,057.40
155,000 lbs; Double-Drum	445,068.26	\$1,466.12	\$6,028.73	\$22,211.65
225,000 lbs; Double-Drum	643,827.38	\$2,114.35	\$8,691.80	\$32,013.25
300,000 lbs; Double-Drum	830,756.55	\$2,724.00	\$11,196.38	\$41,231.47
35,000 lbs; Triple-Drum	323,515.50	\$1,069.69	\$4,400.10	\$16,217.40
65,000 lbs; Triple-Drum	424,260.72	\$1,398.26	\$5,749.94	\$21,185.55
125,000 lbs; Triple-Drum	480,407.72	\$1,581.37	\$6,502.22	\$23,954.38
155,000 lbs; Triple-Drum	554,553.09	\$1,823.19	\$7,495.66	\$27,610.78
225,000 lbs; Triple-Drum	906,856.56	\$2,972.19	\$12,216.00	\$44,984.27
<i>Gasoline</i>				
14 to 22 hp	1,200.00	\$19.50	\$83.82	\$323.43
F. Duct Hoists				
<i>Manual</i>				
	3,343.00	\$11.42	\$46.84	\$172.04
G. Electric Cable Hoists				
2 hp; 1 Speed, 1/2 ton Capacity	3,904.04	\$13.36	\$57.29	\$220.60
2 hp; 2 Speed, 1/2 ton Capacity	4,521.46	\$15.09	\$64.45	\$247.17

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4 hp; 1 Speed, 1 ton Capacity	5,355.13	\$17.44	\$74.14	\$283.05
4 hp; 1 Speed, 2 ton Capacity	5,916.14	\$19.01	\$80.65	\$307.19
4 hp; 2 Speed, 1 ton Capacity	5,972.55	\$19.17	\$81.30	\$309.62
4 hp; 1 Speed, 3 ton Capacity	7,091.42	\$22.31	\$94.30	\$357.76
4-1/2 hp; 1 Speed, 5 ton Capacity	7,398.57	\$23.18	\$97.86	\$370.98
4 hp; 2 Speed, 3 ton Capacity	7,708.84	\$24.05	\$101.47	\$384.33
4-1/2 hp; 2 Speed, 5 ton Capacity	8,015.98	\$24.91	\$105.03	\$397.55

H. Gantry Cranes

Crane, Gantry Aluminum	2,891.21	\$12.86	\$54.71	\$208.95
Sumner GH2T-10	4,800.00	\$33.10	\$135.11	\$493.66

I. Hand Line Hoists

	155	\$1.04	\$4.66	\$18.82
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J. Heavy Duty Electric Chain Hoists

2 tons; 2 Speed	11,299.50	\$38.74	\$166.19	\$640.18
3 tons; 2 Speed	12,943.80	\$43.68	\$186.89	\$718.03
5 tons; 2 Speed	13,781.70	\$46.20	\$197.44	\$757.70
10 tons; 2 Speed	20,163.80	\$65.38	\$277.80	\$1,059.87

K. Light Duty Manual Hoists

500 pounds; 12' Lift Height	172.4	\$1.10	\$4.92	\$19.75
1/2 ton; 10', Lift Height; Hand Chain	129.54	\$0.83	\$3.82	\$15.77
1/2 ton; 20', Lift Height; Hand Chain	220.54	\$1.07	\$4.82	\$19.45
1 ton; 10', Lift Height; Hand Chain	146.26	\$0.87	\$4.00	\$16.44
1 ton; 20', Lift Height; Hand Chain	276.26	\$1.22	\$5.44	\$21.71
1 ton; 25' Lift Height	285	\$1.50	\$6.57	\$25.78
1-1/2 tons; 10' Lift Height; Lever Chain	623	\$2.72	\$11.53	\$43.89
1-1/2 tons; 20' Lift Height; Lever Chain	845	\$3.52	\$14.79	\$55.78

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2 tons; 10', Lift Height; Hand Chain	297.74	\$1.28	\$5.68	\$22.58
2 tons; 20', Lift Height; Hand Chain	502.74	\$1.83	\$7.94	\$30.89
3 tons; 10', Lift Height; Hand Chain	363.56	\$1.46	\$6.40	\$25.24
3 tons; 20', Lift Height; Hand Chain	717.56	\$2.41	\$10.31	\$39.59
4 tons; 10' Lift Height; Hand Chain	593.39	\$2.61	\$11.10	\$42.30
4 tons; 20' Lift Height; Hand Chain	947.39	\$3.89	\$16.29	\$61.27
5 tons; 10', Lift Height; Hand Chain	823.22	\$2.70	\$11.48	\$43.87
10 tons and over	2,085.22	\$8.06	\$35.20	\$138.07

L. Lightweight Electric Chain Hoists

1/4 tons; 1/4 hp; 1 Speed	3,227.44	\$12.98	\$54.24	\$203.47
1/4 tons; 1/4 hp; 2 Speed	2,788.30	\$9.61	\$40.66	\$154.53
1/2 tons; 1/2 hp; 1 Speed	2,998.29	\$10.22	\$43.19	\$163.79
1/2 tons; 1/2 hp; 2 Speed	3,054.70	\$10.39	\$43.86	\$166.28
1 ton; 1 hp; 1 Speed	3,213.50	\$10.85	\$45.77	\$173.28
1 ton; 1 hp; 2 Speed	3,303.34	\$11.12	\$46.85	\$177.24
2 tons; 2 hp; 1 Speed	3,963.59	\$13.05	\$54.78	\$206.36
2 tons; 2 hp; 2 Speed	4,531.91	\$14.72	\$61.61	\$231.42

M. Manila Ropes

1/2" x 100	44.42	\$0.45	\$1.80	\$6.44
3/4" x 100	134.89	\$1.10	\$4.42	\$15.78

N. Rope Connectors

7/16"	371.89	\$2.82	\$11.27	\$40.25
11/16"	519.01	\$3.88	\$15.52	\$55.45
1"; 10,000 capacity	520.23	\$3.89	\$15.56	\$55.57

O. Rope Grabs	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
5/8"	125	\$1.03	\$4.13	\$14.76
3/8"	224.5	\$1.75	\$7.01	\$25.03
P. Rope Sling				
	34.1	\$0.38	\$1.50	\$5.37
Q. Snatch Blocks				
Manila	255.3	\$1.40	\$6.14	\$24.19
Wire	316.14	\$1.62	\$7.03	\$27.45
R. Winches				
<i>Electric</i>				
to 8 hp; Powered	1,200.00	\$9.50	\$43.52	\$178.31
8 to 12 hp; Powered	2,917.67	\$16.26	\$71.60	\$282.99
12 to 20 hp; Powered	11,977.00	\$51.88	\$219.70	\$835.06
<i>Manual</i>				
1 ton	12,043.40	\$45.84	\$194.43	\$740.43
2 tons	20,331.80	\$67.36	\$283.19	\$1,068.62
S. Wire Rope				
1/8" X 300	139.95	\$1.14	\$4.56	\$16.30
1/4" X 100	45.98	\$0.46	\$1.85	\$6.60
1/4" X 300	395	\$2.98	\$11.94	\$42.64
1/4" X 600	675	\$5.01	\$20.03	\$71.55
3/8" X 100	113.4	\$0.95	\$3.80	\$13.56
3/8" X 600	246	\$1.91	\$7.63	\$27.25
3/8" X 1200	379.46	\$2.87	\$11.49	\$41.04

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1/2" X 300"	350	\$2.66	\$10.64	\$37.99
1/2" X 600	650	\$4.83	\$19.31	\$68.97
1/2" X 1200	900	\$6.63	\$26.54	\$94.79
1/2" X 1800	1,350.00	\$9.89	\$39.55	\$141.26
9/16" X 600	2,770.87	\$20.15	\$80.62	\$287.98
9/16" X 1200	5,530.96	\$40.10	\$160.42	\$573.00
5/8" X 600	1,112.42	\$8.17	\$32.68	\$116.72
5/8" X 1200	1,425.00	\$10.43	\$41.71	\$149.00
3/4" X 600	1,100.00	\$8.08	\$32.32	\$115.44
3/4" X 1200	2,000.00	\$14.58	\$58.34	\$208.38
3/4" X 1800	2,464.75	\$17.94	\$71.77	\$256.37
7/8" X 300	685	\$5.08	\$20.32	\$72.59
7/8" X 600	1,818.91	\$13.27	\$53.10	\$189.68
7/8" X 1200	3,623.44	\$26.31	\$105.27	\$376.02
7/8" X 1800	3,663.68	\$26.60	\$106.43	\$380.18
1" X 300	876	\$6.17	\$24.66	\$88.10
1" X 600	1,750.00	\$12.19	\$48.76	\$174.15
1" X 1200	3,500.00	\$25.42	\$101.70	\$363.28
1-1/8" X 600	1,200.00	\$8.80	\$35.21	\$125.77
1-1/4" X 600	1,500.00	\$10.97	\$43.88	\$156.75
T. Wire Rope Sling				
	34.1	\$0.38	\$1.50	\$5.37

SECTION 14: LIGHTING EQUIPMENT

A. Floodlights	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Electric				
500 watt; Tripod (Quartz)	224.18	\$5.02	\$21.32	\$81.27
1,000 watt; Tripod (Quartz)	531.8	\$6.23	\$26.21	\$98.97
1,000 watt; Cart (Metal Halide)	1,060.94	\$8.31	\$34.63	\$129.41
1,500 watt; Cart (Metal Halide)	1,110.00	\$8.50	\$35.41	\$132.24
2,000 watt; Cart (Metal Halide)	1,920.00	\$11.69	\$48.29	\$178.84
2,000 watt; Cart (Metal Halide) with Gas Generator	1,920.00	\$11.69	\$48.29	\$178.84
Portable Job Site Light	298.07	\$5.31	\$22.50	\$85.52
B. Portable Light Towers				
Diesel				
1,000 watts	8,586.00	\$68.07	\$288.90	\$1,100.85
2,000 watts	12,827.00	\$81.97	\$347.52	\$1,322.81
Gasoline				
1,000 watts	6,149.00	\$53.14	\$226.74	\$868.70
2,000 watts	6,019.00	\$54.35	\$233.10	\$897.86
C. Work Lights				
Battery				
50 watts; Flood Light Lantern, M12, 400 Lumens	69	\$0.27	\$1.10	\$3.97
Electric				
75 watts; Temp Light, Trouble Light	24.99	\$0.10	\$0.40	\$1.44
100 watts; Highbay, 25' Cord	164	\$4.78	\$20.36	\$77.81
175 watts; Wobble Light	399.99	\$5.71	\$24.12	\$91.38
324 watts; Fluorescent Light Fixture	104	\$4.55	\$19.41	\$74.35
400 watts; Wobble Light	449.99	\$5.91	\$24.91	\$94.26
500 watts; Halogen Floor light	25	\$0.10	\$0.40	\$1.44

SECTION 15: MATERIAL HANDLING

Owning & Operating Rate

	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	\$79.36	\$328.77	\$1,221.58
2,500 to 2,999 lbs; 36 V	32,258.00	\$81.45	\$337.29	\$1,252.66
2,500 to 2,999 lbs; 48 V	32,562.00	\$82.13	\$340.09	\$1,262.89
3,000 to 3,999 lbs; 36 V	33,181.00	\$69.71	\$290.75	\$1,088.11
3,000 to 3,999 lbs; 48 V	33,777.00	\$70.81	\$295.28	\$1,104.76
4,000 to 4,999 lbs; 36 V	38,707.00	\$89.51	\$371.31	\$1,381.60
4,000 to 4,999 lbs; 48 V	39,317.00	\$90.80	\$376.58	\$1,400.91
5,000 to 5,999 lbs; 36 V	42,087.00	\$102.42	\$422.97	\$1,566.20
5,000 to 5,999 lbs; 48 V	42,397.00	\$103.11	\$425.80	\$1,576.52
6,000 to 6,999 lbs; 36 V	47,312.00	\$111.68	\$460.93	\$1,705.55
6,000 to 6,999 lbs; 48 V	47,925.00	\$113.02	\$466.39	\$1,725.53
7,000 to 7,999 lbs; 36 V	58,065.00	\$139.87	\$575.40	\$2,121.70
7,000 to 7,999 lbs; 48 V	58,369.00	\$140.56	\$578.20	\$2,131.93
8,000 lbs and over; 36 V	60,828.00	\$177.15	\$726.15	\$2,667.14
8,000 lbs and over; 48 V	61,442.00	\$178.82	\$732.95	\$2,691.88
B. Cylinder Trucks				
6-1/4"D X 23"H; Cylinder Carrier; Max 2 Tanks	80.63	\$0.85	\$3.65	\$14.08
8-1/2"D X 51"H; Hand Truck; Max 2 Tanks	120.95	\$1.16	\$4.88	\$18.49
8-1/2"D X 51"H; Hand Truck with casters; Max 2 Tanks	174.7	\$1.56	\$6.52	\$24.37
9-1/2"D; Lift Truck Caddy; Max 6 Tanks	456.92	\$3.71	\$15.12	\$55.25
9-1/2"D; Pallet Truck Caddy; Max 4 Tanks	497.23	\$4.01	\$16.35	\$59.66
12-1/2"D X 60"H; Hand Truck; Max 2 Tanks	541.96	\$4.35	\$17.71	\$64.55
C. Dollies				
Small	31.41	\$0.35	\$1.66	\$6.96
Large	76.98	\$2.67	\$13.09	\$56.75
Machinery	1,733.00	\$8.67	\$37.58	\$146.32

D. Hand Trucks	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2 wheel	195.77	\$1.18	\$5.26	\$21.00
4 wheel	217.28	\$1.26	\$5.58	\$22.16
E. Hilman Rollers				
3 tons	1,025.53	\$4.17	\$17.44	\$65.45
8 tons	1,101.50	\$4.44	\$18.55	\$69.52
15 tons	4,840.08	\$19.92	\$83.53	\$314.35
25 tons	4,840.08	\$19.92	\$83.53	\$314.35
40 tons	5,212.40	\$21.26	\$89.04	\$334.49
100 tons and over	5,097.96	\$20.85	\$87.35	\$328.30
F. I.C. Cushion Tire Lift Trucks				
<i>Diesel</i>				
4,000 to 4,999 lbs	25,000.00	\$90.65	\$395.38	\$1,548.29
5,000 to 5,999 lbs	27,171.00	\$101.78	\$447.86	\$1,768.68
6,000 to 6,999 lbs	37,539.00	\$131.50	\$574.59	\$2,253.96
7,000 to 7,999 lbs	41,854.00	\$138.80	\$601.05	\$2,337.12
8,000 to 8,999 lbs	42,475.00	\$150.90	\$648.72	\$2,504.46
9,000 to 11,999 lbs	47,325.00	\$172.03	\$729.83	\$2,780.21
12,000 to 12,999 lbs	52,700.00	\$168.99	\$736.05	\$2,878.38
15,000 lbs and over	56,422.00	\$195.70	\$831.72	\$3,173.96
<i>Gasoline</i>				
2,000 to 2,499 lbs	22,627.00	\$72.22	\$314.48	\$1,229.43
2,500 to 2,999 lbs	28,305.00	\$82.68	\$356.20	\$1,378.12
3,000 to 3,999 lbs	31,000.00	\$90.40	\$385.52	\$1,476.37
4,000 to 4,999 lbs	33,700.00	\$104.38	\$453.64	\$1,770.11
5,000 to 5,999 lbs	36,800.00	\$123.33	\$544.05	\$2,153.57
6,000 to 6,999 lbs	40,900.00	\$125.05	\$549.24	\$2,165.18
7,000 to 7,999 lbs	49,300.00	\$163.44	\$709.96	\$2,769.04
8,000 to 8,999 lbs	54,500.00	\$176.60	\$762.80	\$2,958.65

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
10,000 to 11,999 lbs	67,500.00	\$236.07	\$991.84	\$3,740.43
12,000 to 12,999 lbs	69,700.00	\$196.34	\$852.20	\$3,321.30
15,000 lbs and over	74,310.00	\$250.77	\$1,057.13	\$4,000.66

G. I.C. Pneumatic Tire Lift Trucks

Diesel

2,500 to 2,999 lbs; 41 hp	33,079.30	\$90.12	\$380.15	\$1,439.51
3,000 to 3,999 lbs; 42 hp	31,110.80	\$74.13	\$322.26	\$1,257.82
4,000 to 4,999 lbs; 48.2 hp	35,807.50	\$94.68	\$423.59	\$1,699.09
5,000 to 5,999 lbs; 57.4 hp	41,905.50	\$153.34	\$641.88	\$2,411.31
6,000 to 6,999 lbs; 57.5 hp	45,250.80	\$142.60	\$604.28	\$2,299.23
7,000 to 7,999 lbs; 84.9 hp	55,805.50	\$156.14	\$681.34	\$2,669.27
8,000 to 8,999 lbs; 83.5 hp	56,511.90	\$176.08	\$749.75	\$2,866.69
9,000 to 10,999 lbs; 93.1 hp	68,653.70	\$171.96	\$755.88	\$2,982.18
11,000 to 12,999 lbs; 93.5 hp	77,818.00	\$209.62	\$896.74	\$3,445.05
13,000 to 15,999 lbs; 97.8 hp	84,745.20	\$241.10	\$1,021.49	\$3,885.83
16,000 to 19,999 lbs; 121 hp	108,098.00	\$325.12	\$1,362.30	\$5,123.08
16,000 to 19,999 lbs; 130 hp	112,075.00	\$336.92	\$1,412.71	\$5,316.59
20,000 to 29,999 lbs; 144 hp	120,947.00	\$493.06	\$2,031.49	\$7,503.46
30,000 to 49,999 lbs; 152 hp	181,160.00	\$586.62	\$2,438.11	\$9,090.27
30,000 to 49,999 lbs; 165.3 hp	191,784.00	\$619.42	\$2,575.20	\$9,604.38
50,000 to 69,999 lbs; 215 hp	311,607.00	\$941.64	\$3,903.61	\$14,514.30

Gasoline

2,000 to 2,499 lbs; 37 hp	20,467.90	\$64.33	\$275.74	\$1,061.37
2,500 to 2,999 lbs; 42 hp	27,291.30	\$79.49	\$338.00	\$1,290.57
3,000 to 3,999 lbs; 44.7 hp	27,620.80	\$69.95	\$307.16	\$1,210.58
4,000 to 4,999 lbs; 45.1 hp	34,425.50	\$96.07	\$427.95	\$1,709.69
5,000 to 5,999 lbs; 59.3 hp	38,599.50	\$156.61	\$655.64	\$2,463.28
6,000 to 6,999 lbs; 61.1 hp	42,281.80	\$132.69	\$566.23	\$2,169.85
7,000 to 7,999 lbs; 79 hp	54,454.50	\$165.53	\$723.14	\$2,836.00
8,000 to 8,999 lbs; 91.8 hp	55,471.90	\$175.97	\$753.10	\$2,894.25
9,000 to 10,999 lbs; 93.1 hp	64,413.70	\$171.96	\$755.88	\$2,982.18
11,000 to 12,999 lbs; 93.5 hp	65,868.00	\$209.62	\$896.74	\$3,445.05

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
13,000 to 15,999 lbs; 91.8 hp	80,220.20	\$235.69	\$998.41	\$3,797.32
16,000 to 19,999 lbs; 95 hp	90,507.90	\$323.52	\$1,346.93	\$5,031.14
16,000 to 19,999 lbs; 140 hp	114,926.00	\$514.39	\$2,084.57	\$7,559.78
20,000 to 29,999 lbs; 145.3 hp	133,440.00	\$535.64	\$2,203.83	\$8,127.63
20,000 to 29,999 lbs; 151.6 hp	138,770.00	\$555.06	\$2,283.66	\$8,421.67

H. Loading Ramps

Metal	686.86	\$2.95	\$12.47	\$47.31
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I. Low-Lift Pallet Type Hand Trucks

Battery

4,000 lbs; 12/24V	4,188.00	\$24.03	\$102.77	\$394.53
6,000 lbs; 12/24V	9,733.00	\$48.10	\$199.93	\$745.12
8,000 lbs; 12/24V	20,625.06	\$90.92	\$372.90	\$1,370.00
10,000 lbs; 12/24V	26,955.88	\$115.81	\$473.45	\$1,733.20

J. Low-Lift Platform Type Hand Trucks

Battery

1,500 lbs; 24 V	4,727.67	\$28.43	\$120.44	\$457.97
6,000 lbs; 12 V	21,020.74	\$92.48	\$379.19	\$1,392.70
8,000 lbs; 12 V	25,966.69	\$111.92	\$457.74	\$1,676.45
10,000 lbs; 12 V	32,099.67	\$136.03	\$555.13	\$2,028.30

K. Material Lifts

Battery

750 lbs	5,866.35	\$24.49	\$101.20	\$374.95
500 lbs	6,383.97	\$23.82	\$99.46	\$372.61

Manual

500 lbs	1,861.57	\$9.13	\$39.48	\$153.27
650 lbs	2,271.12	\$10.61	\$45.54	\$175.42

L. Nylon Lifting Slings	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2'; Nylon Lifting Choker	20	\$0.27	\$1.10	\$3.92
3'; Nylon Lifting Choker	17	\$0.25	\$1.01	\$3.61
4'; Nylon Lifting Choker	20	\$0.27	\$1.10	\$3.92
6'; Nylon Lifting Choker	24	\$0.30	\$1.21	\$4.33
8'; Nylon Lifting Choker	30	\$0.35	\$1.39	\$4.95
10'; Nylon Lifting Choker	35	\$0.38	\$1.53	\$5.47
12'; Nylon Lifting Choker	42	\$0.43	\$1.73	\$6.19
14'; Nylon Lifting Choker	48	\$0.48	\$1.91	\$6.81
16'; Nylon Lifting Choker	55	\$0.53	\$2.11	\$7.53
18'; Nylon Lifting Choker	60	\$0.56	\$2.25	\$8.05
20'; Nylon Lifting Choker	70	\$0.64	\$2.54	\$9.08
30'; Nylon Lifting Choker	97.56	\$0.83	\$3.34	\$11.93
M. Pallet Jacks				
<i>Hydraulic</i>				
0 to 4,000 lbs	776.24	\$5.44	\$22.42	\$82.80
4,001 to 6,000 lbs	6,858.58	\$41.85	\$171.34	\$628.24
6,001 to 7,999 lbs	550	\$4.09	\$16.88	\$62.51
8,000 lbs and over	660.53	\$4.75	\$19.59	\$72.43
N. Panel Trucks				
1/2 ton	424.44	\$4.22	\$19.43	\$79.95
1-1/2 tons	475.24	\$4.22	\$19.43	\$79.95
3/4 ton	483.96	\$4.22	\$19.43	\$79.95
2 tons	505.89	\$4.22	\$19.43	\$79.95
O. Pneumatic Tire Sit-Down Rider Electric Lift Trucks				
1,500 lbs	36,160.00	\$100.06	\$412.59	\$1,524.71
3,000 lbs	37,190.00	\$106.43	\$438.25	\$1,617.11

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4,000 lbs	37,477.00	\$105.56	\$434.81	\$1,605.05
5,000 lbs	38,794.00	\$116.45	\$478.62	\$1,762.45
6,000 lbs	40,111.00	\$107.99	\$445.01	\$1,643.39
P. Pry Bar Dolly				
5,000 lbs	193.66	\$1.17	\$5.23	\$20.89
Q. Push Beam Trolleys				
2 tons	750.75	\$5.55	\$22.22	\$79.38
R. Roll-A-Lifts				
2,000 lbs	841.5	\$6.21	\$24.85	\$88.75
3,000 lbs	908.5	\$6.69	\$26.78	\$95.67
5,000 lbs	987.5	\$7.27	\$29.07	\$103.83
6,000 lbs	1,394.50	\$10.21	\$40.83	\$145.85
8,000 lbs	1,311.00	\$9.21	\$36.83	\$131.56
S. Roust-A-Bouts				
15'	6,761.89	\$26.88	\$111.95	\$418.29
20'	7,114.57	\$30.77	\$127.87	\$476.49
25'	7,838.10	\$30.77	\$127.87	\$476.49
T. Stand-Up Rider Electric Lift Trucks				
2,500 lbs; 24 V	27,034.00	\$116.11	\$474.60	\$1,737.69
3,000 lbs; 24 V	31,335.00	\$128.78	\$526.00	\$1,924.40
3,000 lbs; 36 V	31,930.00	\$131.04	\$535.15	\$1,957.48
4,000 lbs; 24 V	34,408.00	\$126.43	\$517.00	\$1,893.94

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4,000 lbs; 36 V	36,249.00	\$132.66	\$542.23	\$1,985.27
5,000 lbs; 24 V	37,482.00	\$157.18	\$640.49	\$2,337.08
5,000 lbs; 36 V	38,095.00	\$159.59	\$650.23	\$2,372.26
6,000 lbs; 24 V	39,937.00	\$166.84	\$679.48	\$2,477.93
6,000 lbs; 36 V	41,164.00	\$171.66	\$698.96	\$2,548.33

U. Straight Mast Rough Terrain Lift Trucks

Diesel

0 to 4,999 Lbs; 2WD; 100" Max. Fork Height	47,076.50	\$449.58	\$1,856.16	\$6,871.25
5,000 lbs; 2WD; 150" Max. Fork Height	50,685.30	\$505.07	\$2,099.13	\$7,826.24
5,000 lbs; 2WD; 260" Max. Fork Height	57,745.30	\$536.88	\$2,228.12	\$8,294.41
5,000 lbs; 4WD; 150" Max. Fork Height	57,797.30	\$537.30	\$2,229.83	\$8,300.58
5,000 lbs; 4WD; 260" Max. Fork Height	64,857.30	\$569.11	\$2,358.83	\$8,768.76
6,000 lbs; 2WD; 150" Max. Fork Height	56,833.90	\$528.39	\$2,193.85	\$8,170.67
6,000 lbs; 2WD; 264" Max. Fork Height	59,670.90	\$544.18	\$2,257.79	\$8,402.27
6,000 lbs; 4WD; 150" Max. Fork Height	63,945.90	\$560.62	\$2,324.56	\$8,645.01
6,000 lbs; 4WD; 264" Max. Fork Height	66,782.90	\$576.41	\$2,388.50	\$8,876.63
8,000 to 9,999 Lbs; 2WD; 150" Max. Fork Height	64,155.40	\$537.11	\$2,230.47	\$8,308.68
8,000 to 9,999 Lbs; 2WD; 265" Max. Fork Height	71,228.40	\$566.87	\$2,351.27	\$8,747.58
8,000 to 9,999 Lbs; 4WD; 150" Max. Fork Height	71,546.40	\$568.21	\$2,356.70	\$8,767.30
8,000 to 9,999 Lbs; 4WD; 265" Max. Fork Height	78,619.40	\$597.97	\$2,477.50	\$9,206.22
10,000 to 12,999 Lbs; 2WD; 120" Max. Fork Height	75,175.50	\$926.17	\$3,790.82	\$13,900.76
10,000 to 12,999 Lbs; 2WD; 150" Max. Fork Height	73,300.50	\$910.67	\$3,725.84	\$13,656.28
10,000 to 12,999 Lbs; 4WD; 120" Max. Fork Height	82,200.50	\$974.75	\$3,986.81	\$14,607.91
10,000 to 12,999 Lbs; 4WD; 150" Max. Fork Height	80,325.50	\$959.25	\$3,921.84	\$14,363.45
13,000 to 19,999 Lbs; 2WD; 144" Max. Fork Height	80,256.30	\$914.61	\$3,777.49	\$13,989.14
13,000 to 19,999 Lbs; 4WD; 144" Max. Fork Height	88,210.30	\$957.41	\$3,950.65	\$14,616.06

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
4,000 lbs; 2WD; 150" Max. Fork Height	47,076.00	\$396.88	\$1,640.00	\$6,074.60
5,000 lbs; 2WD; 150" Max. Fork Height	101,933.00	\$929.97	\$3,798.21	\$13,889.63
5,000 lbs; 2WD; 260" Max. Fork Height	56,454.30	\$531.98	\$2,208.23	\$8,222.09
5,000 lbs; 4WD; 150" Max. Fork Height	56,506.30	\$532.40	\$2,209.94	\$8,228.26
5,000 lbs; 4WD; 260" Max. Fork Height	63,566.30	\$690.79	\$2,830.78	\$10,393.87
6,000 lbs; 2WD; 150" Max. Fork Height	82,794.00	\$660.90	\$2,727.26	\$10,086.76
6,000 lbs; 2WD; 264" Max. Fork Height	58,496.90	\$558.78	\$2,313.29	\$8,588.56
6,000 lbs; 4WD; 150" Max. Fork Height	62,771.90	\$538.13	\$2,229.44	\$8,283.95
6,000 lbs; 4WD; 264" Max. Fork Height	65,608.90	\$572.49	\$2,368.94	\$8,790.72
8,000 to 9,999 Lbs; 2WD; 150" Max. Fork Height	97,337.00	\$687.96	\$2,842.22	\$10,525.27
8,000 to 9,999 Lbs; 2WD; 265" Max. Fork Height	68,273.40	\$566.87	\$2,351.27	\$8,747.58
8,000 to 9,999 Lbs; 4WD; 150" Max. Fork Height	68,591.40	\$568.21	\$2,356.70	\$8,767.30
8,000 to 9,999 Lbs; 4WD; 265" Max. Fork Height	75,664.40	\$597.97	\$2,477.50	\$9,206.22
10,000 to 12,999 Lbs; 2WD; 150" Max. Fork Height	131,331.00	\$1,252.66	\$5,107.01	\$18,645.72
10,000 to 12,999 Lbs; 4WD; 150" Max. Fork Height	77,335.50	\$941.63	\$3,850.67	\$14,106.37

V. Telescoping Boom Rough Terrain Lift Trucks

Diesel				
2.2 to 2.70 metric tons	87,877.00	\$1,117.09	\$4,521.02	\$16,371.22
2.71 to 3.0 metric tons	119,755.00	\$1,346.63	\$5,464.17	\$19,844.51
3.1 to 3.5 metric tons	153,785.00	\$1,125.08	\$4,613.43	\$16,951.52
3.6 to 3.9 metric tons	146,658.00	\$1,595.82	\$6,497.88	\$23,690.80
4.0 to 4.4 metric tons	163,478.00	\$1,387.51	\$5,644.30	\$20,556.84
4.5 to 4.9 metric tons	184,747.00	\$1,473.27	\$5,999.77	\$21,878.26
5.0 metric tons and over	213,211.00	\$1,890.23	\$7,778.17	\$28,689.68

W. Walk/Ride Low-Lift Pallet Trucks	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Battery				
4,000 lbs; 12/24 V	5,841.00	\$29.63	\$125.43	\$476.55
5,000 lbs; 12/24 V	7,885.00	\$40.84	\$170.58	\$639.10
6,000 lbs; 12/24 V	17,802.00	\$79.82	\$328.07	\$1,208.04
8,000 lbs; 12/24 V	9,929.00	\$48.88	\$203.04	\$756.37
X. Walkie/Rider/High-Lift Counterbalanced Hand Trucks				
Battery				
1,500 lbs; 12/24 V	6,466.68	\$42.33	\$173.58	\$637.59
2,500 lbs; 12/24 V	14,032.03	\$91.98	\$373.20	\$1,354.74
3,000 lbs; 12/24 V	15,762.92	\$92.53	\$375.67	\$1,364.73
4,000 lbs; 12/24 V	35,050.00	\$201.13	\$812.77	\$2,936.84

SECTION 16: OFFICE EQUIPMENT

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
A. Air Conditioner				
<i>Electric</i>				
Office	304.99	\$3.82	\$16.57	\$64.43
Portable	1,737.56	\$6.81	\$28.86	\$109.80
2 tons; Spot Cooler	23,295.05	\$51.70	\$213.79	\$792.43
5 tons; Spot Cooler	35,853.08	\$77.86	\$321.52	\$1,190.09
12 tons; Spot Cooler	24,500.00	\$54.21	\$224.12	\$830.59
B. Answering Machine				
	64.58	\$0.32	\$1.31	\$4.84
C. Blue Print Machine				
	1,899.00	\$14.72	\$61.70	\$231.96
D. Calculators				
with Tape	84.59	\$0.41	\$1.68	\$6.17
	100.89	\$0.44	\$1.78	\$6.50
E. Camcorder				
Camcorder	255	\$1.40	\$5.90	\$22.28
F. Chairs				
Swivel	189.99	\$0.96	\$3.85	\$13.89
Stool	89.99	\$2.28	\$9.62	\$36.41
Straight	129.99	\$2.48	\$10.44	\$39.34

G. Check Protector	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
	58.99	\$0.56	\$2.22	\$7.94
H. Cloud File Systems				
E.g.: Panzura FD-6200; Stores DIM/VDC models	16,600.00	\$113.05	\$469.68	\$1,749.81
I. Coffee Machine				
12-Cup	40	\$3.15	\$12.94	\$47.70
J. Computer Software				
Computer Interface	199	\$1.15	\$4.86	\$18.54
ASA Firewall	798.99	\$6.07	\$25.41	\$95.41
Microsoft Excel or similar spreadsheet	84.99	\$0.74	\$2.98	\$10.63
Microsoft Word or similar word processor	84.99	\$0.74	\$2.98	\$10.63
Microsoft Office or similar	276.99	\$2.13	\$8.53	\$30.45
K. Computers				
17" LCD Monitor	129	\$0.61	\$2.50	\$9.14
Tablet, without Data Plan	156.59	\$0.74	\$3.01	\$10.98
CPU-Desktop	499.99	\$2.52	\$10.42	\$38.64
Chromebook	503.9	\$4.72	\$19.96	\$75.71
Laptop, without Data Plan	769.99	\$5.94	\$24.87	\$93.48
46" Monitor	889.89	\$6.48	\$27.08	\$101.48
iPad	929	\$6.66	\$27.80	\$104.09
Brady Printer Laptop	1,000.00	\$10.63	\$45.12	\$171.94
Foreman Desktop	1,317.95	\$12.08	\$50.98	\$193.17
iPad Pro	1,480.00	\$12.81	\$53.97	\$203.99

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
PM Desktop	1,497.89	\$12.90	\$54.30	\$205.18
Computer, with 50" Monitor	1,790.00	\$14.23	\$59.69	\$224.68
Computer, with 60" Monitor	1,885.00	\$14.66	\$61.44	\$231.02
Laptop Tablet	2,107.00	\$15.67	\$65.53	\$245.84
Computer, with Dual 50" Monitors	2,580.00	\$17.83	\$74.25	\$277.42
Bim Machine/Computer	13,067.89	\$96.96	\$404.55	\$1,514.01
L. Copiers				
Copy Machine, Tabletop	249.99	\$2.31	\$9.50	\$35.02
High Production Floor Type, Black and White, No Printing Functionality	549.99	\$8.05	\$33.70	\$126.54
Large Format	2,495.00	\$30.36	\$126.26	\$470.89
M. Desk				
	509.99	\$3.59	\$14.36	\$51.28
N. Drafting Tables				
with Stool	559.99	\$4.18	\$16.71	\$59.68
O. Fax Machines				
	199.99	\$1.57	\$6.30	\$22.50
P. File Cabinets				
	266.89	\$2.06	\$8.23	\$29.41

Q. Folding Tables	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4"	64.89	\$0.60	\$2.39	\$8.55
6"	171.34	\$1.37	\$5.47	\$19.54
8"	228.87	\$1.78	\$7.13	\$25.49
Q. Foreman Field Station				
	2,500.00	\$4.97	\$19.90	\$71.11
R. Knack Data Vault				
	6,061.00	\$18.60	\$80.69	\$314.17
S. Label Makers				
Micro	153.63	\$0.94	\$4.03	\$15.52
Wireless	466.99	\$2.37	\$9.81	\$36.43
Desktop	2,499.99	\$17.46	\$72.78	\$272.08
Laser Engraving and Cutting Functionality	9,892.00	\$58.41	\$241.75	\$897.04
T. Laser Etching Machine				
Laser Engraver	9,900.00	\$58.44	\$241.89	\$897.57
U. Microwave Ovens				
1.6 cubic ft.	246.88	\$2.28	\$9.38	\$34.59
V. Modular Workstations				
	856	\$6.14	\$25.16	\$92.40

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
W. Networking Equipment				
Wireless Access Point	109.95	\$0.74	\$3.22	\$12.60
POE Switch	4,500.00	\$26.57	\$109.66	\$405.60
Server	4,500.00	\$26.57	\$109.66	\$405.60
X. Plan Tables				
	199.99	\$1.57	\$6.30	\$22.50
Y. Plotters				
E Size	1,899.00	\$24.92	\$103.91	\$388.66
Z. Printers				
DPI Label Printer	332.29	\$1.75	\$7.32	\$27.44
Inkjet	329.99	\$3.04	\$12.50	\$46.06
Laser	499.99	\$4.59	\$18.87	\$69.51
Workgroup Scanner/Color Copier	879.99	\$11.07	\$46.08	\$172.07
Enterprise Scanner/Color Copier	999.99	\$12.16	\$50.58	\$188.63
AA. Radio Equipment				
Head Set, Multi-Channel Radio	258.75	\$1.42	\$5.97	\$22.53
Jobsite Radio, 18V	340	\$1.79	\$7.47	\$27.96
Citizens Band Radio	453	\$2.30	\$9.55	\$35.50
Radio Charger, Multi Port	510	\$4.75	\$20.08	\$76.12
Radio Repeater	2,110.00	\$15.68	\$65.59	\$246.04

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AB. Scanners				
Hi res / Legal	749.99	\$9.88	\$41.20	\$154.14
Large Format	3,499.00	\$39.53	\$163.92	\$609.42
AC. Telephone				
Office touch tone	129.99	\$1.19	\$4.88	\$17.94
Smartphone, with Data Plan	2,179.00	\$10.97	\$47.19	\$182.32
AD. TVs				
LCD TV with DVD Player	482	\$2.44	\$10.08	\$37.44
AE. Two-Way Radios				
	1,100.00	\$10.70	\$45.01	\$169.88
Low End	89.99	\$0.85	\$3.49	\$12.94
High End	135.99	\$1.27	\$5.22	\$19.29
AF. Typewriters				
	223.99	\$2.62	\$11.37	\$44.30
AG. Water Dispenser				
Cooler	279.87	\$2.15	\$8.61	\$30.75

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

SECTION 17: PAINTING EQUIPMENT

A. Paint Sprayers

Electric

Paint Sprayer	350	\$14.92	\$63.09	\$239.46
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B. Paint Tanks

Manual

2 gallon	94.99	\$0.55	\$2.19	\$7.82
5 gallon	723.25	\$4.17	\$16.67	\$59.54
10 gallon	950	\$5.47	\$21.89	\$78.21

C. Pressure Pot Sprayer

Electric

8 cfm; with Compressor, 5 Gal Pot, Hose, and Gun	345	\$14.88	\$62.95	\$238.96
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Owning & Operating Rate

Est. Price \$	Day \$	Week \$	Month \$
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SECTION 18: PIPE THREADING & CUTTING MACHINES

A. Cut Grooving Machines

Electric

VG412 Orbital (with Power Drive and Stand)	33,420.16	\$63.13	\$257.44	\$939.85
VG28GD (with Power Mule)	33,638.16	\$63.51	\$258.97	\$945.35
VG26GD/MRL (with Power Mule)	40,271.50	\$75.08	\$305.54	\$1,112.76
VG824 (with Power Mule)	49,007.99	\$90.33	\$366.86	\$1,333.23
VG824/MRL (with Power Mule)	56,878.72	\$104.06	\$422.11	\$1,531.86

B. Pipe Stands

V-Head, Tripod	71.99	\$2.19	\$9.26	\$35.10
Ball Transfer, Tripod	84.99	\$2.26	\$9.52	\$36.05
Adjustable Pipe Stand	134.55	\$2.51	\$10.53	\$39.67

C. Pipe Threading & Cutting Machines

Electric

0 to 2"; 1/2" - 2" with pipe and bolt drive	1,955.00	\$19.59	\$83.02	\$315.83
0 to 2"; No bolt drive	2,133.00	\$20.22	\$85.57	\$325.07
0 to 2"; Pipe Cutter; Ridgid 300 power drive	5,201.10	\$31.06	\$129.53	\$484.43
0 to 2"; Collins 22A Threading Machine	6,667.43	\$36.25	\$150.54	\$560.60
0 to 2"; Power Threading Machine; Ridgid 1224	11,545.00	\$53.49	\$220.42	\$813.94
0 to 2"; Pipe Cutter; Ridgid 400 power drive	25,082.33	\$101.35	\$414.38	\$1,517.08
4" to 6"; E.g.: Collins	11,545.00	\$51.83	\$215.60	\$804.54
2" to 4"; E.g.: Collins	23,010.10	\$70.26	\$289.28	\$1,067.70
6" and over; E.g.: Watts W132-LPSC	1,499.00	\$10.82	\$45.94	\$175.15

Manual

3-Way Threaders	284.81	\$0.92	\$3.70	\$13.21
Drop Head Ratchet	1,499.00	\$4.86	\$19.46	\$69.53

D. Pipe Threading Heads (Less Dies)	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1/2 to 3/4"	430.25	\$1.43	\$5.73	\$20.48
1/4 to 1"	535.2	\$2.87	\$11.48	\$41.02
1/8 to 2"	602.7	\$1.90	\$7.62	\$27.21
1 to 2"; Geared	737.94	\$2.39	\$9.58	\$34.23
3/4 to 2"; Beveling and Grooving	1,124.85	\$3.59	\$14.36	\$51.32
2.5 to 4"; Beveling and Grooving	1,484.15	\$4.82	\$19.27	\$68.84
2.5 to 4"; Geared	2,949.51	\$9.57	\$38.29	\$136.80
4 to 6"; Geared	4,015.57	\$13.03	\$52.13	\$186.25
E. Roll Grooving Machines				
<i>Electric</i>				
Vic-Easy Adjustable Pipe Stand	1,300.00	\$10.47	\$48.24	\$198.69
VE12 or VE26	1,399.00	\$10.68	\$49.13	\$201.97
VE226	1,485.00	\$10.87	\$49.90	\$204.83
VE272FS (with Power Drive and Stand)	9,999.00	\$29.28	\$126.11	\$487.70
VE268	16,154.27	\$42.58	\$181.21	\$692.19
VE416FS (with Power Drive and Stand)	19,999.00	\$50.90	\$215.62	\$819.93
F. Threading Machines				
<i>Electric</i>				
0 to 1"; Portable	3,184.06	\$62.90	\$264.99	\$1,002.14
0 to 2"	3,184.06	\$16.71	\$69.87	\$262.24
1/2 to 4"	1,400.00	\$12.13	\$51.25	\$194.36
1/2" to 2"	649	\$9.54	\$40.77	\$156.36
2" to 4"	1,499.99	\$12.47	\$52.64	\$199.42
6 to 8"; E.g.: Ridgid 600 Power Drive	1,672.39	\$8.13	\$34.21	\$129.15
6 to 8"; E.g.: Ridgid 700 Power Drive	1,721.66	\$8.25	\$34.69	\$130.92

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
SECTION 19: PLUMBERS EQUIPMENT				
A. Collaring Machines				
<i>Electric</i>				
e.g.: T-Drill Industries T-65	9,100.00	\$142.78	\$575.21	\$2,071.20
B. Flaring Tools				
	43.98	\$0.45	\$1.79	\$6.39
C. Lead Pots				
	71.49	\$0.65	\$2.59	\$9.23
D. Pipe Cutters				
2"; Hand	25.98	\$0.57	\$2.77	\$11.91
E. Pipe Reamers				
0 to 1"; Bit Brace Type	225.67	\$1.29	\$5.70	\$22.61
0 to 1-1/4"; Bit Brace Type	40	\$0.62	\$2.98	\$12.66
0 to 2"; Ratchet Type	40	\$0.62	\$2.98	\$12.66
0 to 2"; Bit Brace Type	70	\$0.73	\$3.42	\$14.27
0 to 3"; Ratchet Type	70	\$0.73	\$3.42	\$14.27
F. Pvc Benders				
<i>Electric</i>				
1/2" to 5"	1,220.00	\$10.06	\$42.87	\$163.98

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
G. Pvc Heat Blankets				
	705	\$2.32	\$9.27	\$33.11
H. Pvc Plug Sets				
2" to 4"	628.5	\$3.62	\$14.48	\$51.74
I. Root & Sludge Cutters				
<i>Electric</i>				
1/2" to 75"; with Blades	1,975.00	\$7.44	\$31.73	\$121.45
3/4" to 80"; with Blades	2,775.00	\$9.39	\$39.74	\$150.94
J. Sewer Plugs				
4"; Single	49.45	\$0.49	\$1.95	\$6.96
6"; Single	109.65	\$0.92	\$3.69	\$13.17
4"; Double	165.55	\$1.33	\$5.30	\$18.95
6"; Double	296.7	\$2.27	\$9.10	\$32.49
K. Snakes				
<i>Manual</i>				
5/16" x 25'; .75" to 4" Line	57.5	\$0.88	\$4.24	\$18.15
3/8" x 35'; Hand Held	93.1	\$0.98	\$4.65	\$19.62
5/8" x 100'; 3" to 10" Line	129.99	\$1.09	\$5.08	\$21.14
7/8" x 75'; 1.25" to 4" Line	291.28	\$1.55	\$6.92	\$27.80
1-1/4" x 125'; 2" to 8" Line	287.51	\$1.53	\$6.88	\$27.64
<i>Electric</i>				
Ridgid Mini See Snake	5,375.00	\$60.33	\$256.25	\$977.06
Ridgid CS12X Reporting Monitor	4,029.00	\$54.59	\$233.04	\$893.06

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
L. Soldering Irons				
<i>Electric</i>				
Hand	32.98	\$0.16	\$0.65	\$2.43
Gun Type	39.48	\$0.19	\$0.78	\$2.91
M. Test Balls				
2" to 3"	154.31	\$1.24	\$4.98	\$17.79
3/4" to 1-1/2"	190.06	\$1.38	\$5.54	\$19.78
4"	208.88	\$1.64	\$6.56	\$23.42
5"	208.88	\$1.64	\$6.56	\$23.42
6"	134	\$1.10	\$4.39	\$15.69

SECTION 20: PUMPS

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

A. Acid Pump Heads

	658	\$7.11	\$28.45	\$101.63
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B. Diaphragm Air Pumps

Air

1/2"	1,338.60	\$7.86	\$33.05	\$124.77
1"	1,855.95	\$9.58	\$40.08	\$150.57
2"	2,365.16	\$11.27	\$47.01	\$175.96

C. Diaphragm Pumps

Diesel

2"	4,791.00	\$54.17	\$231.30	\$886.89
3"	4,996.00	\$53.43	\$228.86	\$880.32
4" and over	5,820.00	\$57.34	\$244.84	\$938.80

Electric

2"	2,898.00	\$37.27	\$157.74	\$599.45
3"	4,510.00	\$42.95	\$181.37	\$687.54
4" and over	8,735.96	\$58.21	\$244.63	\$922.76

Gasoline

2"	2,174.00	\$45.68	\$196.61	\$759.91
3"	2,187.00	\$44.33	\$191.62	\$743.87
4" and over	5,000.00	\$60.44	\$260.98	\$1,011.98

D. Electric Submersible Pumps

1-1/4"	246	\$25.23	\$105.89	\$398.88
2"	1,899.00	\$26.19	\$109.03	\$407.18

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
3"	2,897.00	\$39.02	\$161.87	\$602.38
4"	6,073.00	\$60.52	\$249.02	\$918.48
6"; Submersible (230 or 460 Volts)	24,472.00	\$185.17	\$754.22	\$2,750.79
8"; Submersible (230 or 460 Volts)	17,374.00	\$137.15	\$559.59	\$2,044.86

E. Filtration Panels

Battery

0 to 159 cfm; Allegro 9878 Breathing Air Inline Filtration Panel	2,135.00	\$17.93	\$75.27	\$283.63
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F. Heavy Duty Centrifugal Pumps

Diesel

3"	5,666.00	\$98.10	\$408.02	\$1,522.39
4"	17,506.00	\$185.65	\$771.51	\$2,875.17
6"	22,253.00	\$243.65	\$1,027.27	\$3,888.18
8"	41,558.00	\$284.02	\$1,210.94	\$4,636.18

Gasoline

1-1/2"	1,289.00	\$71.25	\$296.61	\$1,107.79
2"	1,703.00	\$76.81	\$322.04	\$1,211.82
3"	2,635.00	\$76.21	\$319.46	\$1,201.84
4"	2,159.00	\$98.69	\$416.53	\$1,577.75
6"	9,888.00	\$152.69	\$643.87	\$2,436.60
8"	25,723.00	\$257.13	\$1,143.82	\$4,563.63

G. Hoses

1-1/2"; 25' length	182.38	\$1.87	\$7.48	\$26.73
1-1/2"; 50' length	89.99	\$0.92	\$3.69	\$13.19
2"; 25' length	84.99	\$0.87	\$3.49	\$12.46
2"; 50' length	72.99	\$0.75	\$3.00	\$10.70
3"; 25' length	134.99	\$1.38	\$5.54	\$19.79
3"; 50' length	167.29	\$1.72	\$6.86	\$24.52

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4"; 25' length	189.99	\$1.95	\$7.80	\$27.85
4"; 50' length	229.99	\$2.36	\$9.44	\$33.71
6"; 25' length	229.99	\$2.36	\$9.44	\$33.71
6"; 50' length	334.99	\$3.44	\$13.75	\$49.10

H. Hydraulic Pumps (Power Units)

Air

9 cfm	680.4	\$6.13	\$25.95	\$98.58
12 cfm	850.5	\$6.81	\$28.73	\$108.72

Electric

1/2 hp	709.37	\$7.25	\$30.72	\$116.91
1 hp	801.63	\$7.25	\$30.72	\$116.91

Gasoline

6-1/2 hp	3,998.40	\$39.52	\$165.92	\$625.04
13 hp	7,046.59	\$59.48	\$247.25	\$921.65

Manual

Hand, 1-Speed	459.24	\$4.04	\$17.91	\$71.21
200/10,000 psi; Hand, 2-Speed	614.05	\$4.92	\$21.52	\$84.58
400/10,000 psi; Hand, 2-Speed	989.58	\$7.05	\$30.30	\$117.01

I. Refrigeration Vacuum

Electric

	301.92	\$9.75	\$41.16	\$156.02
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J. Self Priming Trash Pumps

Diesel

2"	4,684.00	\$102.11	\$422.45	\$1,567.24
3"	5,984.00	\$71.10	\$315.58	\$1,256.28
4"	16,005.00	\$147.83	\$617.43	\$2,313.96

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6"	43,664.00	\$255.55	\$1,078.27	\$4,083.29
8"	47,250.00	\$390.15	\$1,612.94	\$5,979.44
10"	50,572.00	\$417.72	\$1,731.02	\$6,433.61
Gasoline				
1-1/2"	1,221.71	\$45.29	\$193.26	\$740.48
2"	3,199.00	\$61.01	\$259.36	\$990.07
3"	4,001.00	\$60.81	\$263.53	\$1,025.44
4"	14,497.00	\$161.03	\$710.63	\$2,814.09
6"	23,842.00	\$277.58	\$1,182.99	\$4,527.38
Electric				
3 to 4"; Submersible (230 or 460 Volts)	5,260.89	\$66.75	\$278.88	\$1,045.67
6"; Submersible (230 or 460 Volts)	7,656.54	\$78.47	\$326.32	\$1,217.36
8"; Submersible (230 or 460 Volts)	10,419.10	\$91.99	\$381.02	\$1,415.35
K. Suction Hoses				
Manual				
1-1/2" Diameter x 25' Length	203.28	\$1.99	\$7.95	\$28.39
2"Diameter x 25' Length	229.71	\$2.25	\$8.98	\$32.09
3" Diameter x 25' Length	354.72	\$3.47	\$13.87	\$49.54
4" Diameter x 25' Length	401.48	\$3.92	\$15.70	\$56.07
6"Diameter x 25' Length	1,397.55	\$13.66	\$54.64	\$195.19
L. Test Pumps				
Air				
	461.49	\$4.39	\$18.40	\$69.18
Electric				
Hydraulic	589	\$1.60	\$6.61	\$24.56
High Vacuum	2,420.00	\$6.56	\$27.16	\$100.91
	2,508.10	\$11.47	\$49.71	\$193.40
Vacuum	4,019.08	\$10.89	\$45.11	\$167.58

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
	888.21	\$75.45	\$334.55	\$1,330.54
SECTION 21: SAFETY EQUIPMENT				
A. AED (Automated External Defibrillator)				
	1,400.00	\$13.29	\$55.65	\$209.03
A. Arc Flash Safety Switches				
Electric				
Mini	1,920.00	\$14.82	\$62.08	\$233.36
	2,187.00	\$16.04	\$67.01	\$251.18
B. Climbing/Positioning Belt With Fall Arrest				
Line worker	112	\$0.94	\$3.76	\$13.42
C. Ear Plug Stations				
	160.02	\$1.29	\$5.14	\$18.38
D. Eye Wash Stations				
	295	\$2.26	\$9.05	\$32.31
E. Fire Extinguishers				
5 lbs	268.8	\$12.69	\$50.78	\$181.35
10 lbs	98.38	\$4.81	\$19.24	\$68.72
15 lbs	300.99	\$14.18	\$56.73	\$202.62
20 lbs	331.6	\$15.60	\$62.40	\$222.85

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
F. First Aid Kits				
Small	159.88	\$1.28	\$5.14	\$18.36
Large	272.48	\$2.10	\$8.40	\$29.99
G. Flasher Barricades				
Type 27 Barrier to Wood	200	\$1.51	\$6.03	\$21.54
H. Garlock Cobra Lifelink				
	7,570.50	\$54.84	\$219.38	\$783.62
I. Gloves				
High Voltage, resistant up to 1000V	54.45	\$0.52	\$2.09	\$7.47
High Voltage, resistant up to 20KV	140.6	\$1.15	\$4.58	\$16.37
J. Guards				
Toe	44.88	\$0.45	\$1.82	\$6.49
Foot	71.47	\$0.65	\$2.58	\$9.23
K. Hard Hats				
	19.52	\$0.27	\$1.08	\$3.87
L. Life Preservers				
Life Preserver, Safety Harness Orange	211	\$1.65	\$6.62	\$23.64

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
M. Light And Barricade Units				
Single Light	56.95	\$0.54	\$2.16	\$7.73
Double Light	86.95	\$0.76	\$3.03	\$10.83
N. Light, Battery-Powered -- Flashing				
	30	\$0.35	\$1.39	\$4.95
O. Lock/Out Tagouts				
	13.75	\$0.23	\$0.92	\$3.27
P. Man Hole Lid Lifting Tools				
Manhole Cover Hook	42.84	\$0.44	\$1.76	\$6.28
Manhole Cover Lifter	1,838.00	\$13.41	\$53.65	\$191.65
Q. Man Hole Safety Railing Barricades				
	297.78	\$2.28	\$9.13	\$32.60
R. Man Hole Shelter Tents				
	267.95	\$2.07	\$8.26	\$29.52
S. Navigation Systems				
GPS Navigator, Portable	189.99	\$1.10	\$4.70	\$17.94
GPS, Handheld	1,990.00	\$15.14	\$63.38	\$238.03
GPS Positioning Receiver	3,530.00	\$22.15	\$91.77	\$340.84

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
T. Perimeter Stands				
with 6 Posts and 100' of Metal Chain	959.97	\$7.07	\$28.27	\$100.98
U. Personal Fall Arrest Systems				
100' Detachable Self Rescue System	572.08	\$4.26	\$17.06	\$60.93
115' Vertical Lifeline	464.5	\$3.49	\$13.95	\$49.82
Bosun's Chair	373.27	\$2.83	\$11.31	\$40.40
Harness	69.99	\$0.64	\$2.54	\$9.08
Lanyard	37.99	\$0.40	\$1.62	\$5.77
Lanyard with Rebar Hook	71.5	\$0.65	\$2.59	\$9.23
Lanyard Extension	47.46	\$0.47	\$1.89	\$6.75
Lanyard, 1"x3	108.5	\$0.91	\$3.66	\$13.06
Lanyard, 3' Rope Adjuster	163.2	\$1.31	\$5.24	\$18.70
Lanyard, 6' 2 Leg with Rebar Hook	189	\$1.50	\$5.98	\$21.37
Lanyard, Retractable Tie-Back	376.54	\$2.85	\$11.40	\$40.73
Lanyard, Self Retract 6', 2 Leg	359.67	\$2.73	\$10.92	\$38.99
Lanyard, Shockwave 6	115	\$0.96	\$3.84	\$13.73
Lanyard, Twin Retractable	381.95	\$2.89	\$11.56	\$41.29
Lifeline, 50	91.5	\$0.79	\$3.16	\$11.30
Lifeline, 100	109.99	\$0.79	\$3.16	\$11.30
Pole Strap, Nylon	525.88	\$3.93	\$15.72	\$56.16
Manhole Retrieval System with 50' Cable	5,064.95	\$36.73	\$146.94	\$524.88
Positioning Harness	119.68	\$0.99	\$3.98	\$14.21
Retractable Lifeline	291.68	\$2.24	\$8.95	\$31.97
Rope Grab	133.1	\$1.09	\$4.37	\$15.60
Safety Rescue System, 325	1,627.00	\$11.89	\$47.55	\$169.86
Trailing Rope Grab with Lanyard	282.07	\$2.17	\$8.67	\$30.98
V. Rain Coat				
	62.25	\$0.58	\$2.32	\$8.28

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
W. Rain Suit				
	121.86	\$1.01	\$4.04	\$14.44
X. Respirator, Air Line				
Respirator, Air Line	1,319.26	\$9.66	\$38.66	\$138.08
Respirator, Air Line with SCBA (5 minute)	2,817.90	\$20.49	\$81.98	\$292.84
Y. Retractable Lifelines				
11'; Lifeline, Retractable	425	\$3.20	\$12.80	\$45.74
15'; Lifeline, Retractable	591.35	\$4.40	\$17.61	\$62.92
20'; Lifeline, Retractable	669.5	\$4.97	\$19.87	\$70.99
25'; Lifeline, Retractable	820.82	\$6.06	\$24.25	\$86.61
30'; Lifeline, Retractable	881	\$6.50	\$25.99	\$92.83
50'; Lifeline, Retractable	1,067.50	\$7.84	\$31.38	\$112.09
60'; Lifeline, Retractable	1,500.00	\$10.97	\$43.88	\$156.75
66'; Lifeline, Retractable	1,809.60	\$13.21	\$52.83	\$188.72
75'; Lifeline, Retractable	1,884.04	\$13.74	\$54.98	\$196.41
85'; Lifeline, Retractable	2,945.00	\$21.41	\$85.66	\$305.97
Z. Rubber Boots				
Non-Safety toe	22.64	\$0.29	\$1.17	\$4.19
Safety toe; Up to Knee	40.2	\$0.42	\$1.68	\$6.00
Safety toe; Up to Hip	86.36	\$0.75	\$3.01	\$10.77

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AA. Rubber Insulated Gloves				
Class 1	185.24	\$1.41	\$5.62	\$20.09
Class 2	265.32	\$2.05	\$8.19	\$29.25
Class 3	286.51	\$2.20	\$8.80	\$31.44
Class 4	551.76	\$4.12	\$16.47	\$58.83
AB. Rubber Insulating Blanket				
	163.63	\$1.31	\$5.25	\$18.75
AC. Rubber Insulating Equipment				
Temporary Personal Protective Grounding Equipment	424.73	\$3.20	\$12.80	\$45.71
AD. Security Hardware				
Camera, Infrared Lens	69.99	\$0.34	\$1.41	\$5.20
Bosch Security Programming Console	115.5	\$0.77	\$3.33	\$12.97
Camera Tester for CCTV and IP	399	\$2.06	\$8.55	\$31.90
Camera Installation Device, Wireless	599	\$5.16	\$21.72	\$82.06
Camera Installation Device	649	\$5.39	\$22.64	\$85.40
AE. Self Contained Breathing Apparatus (Scba)				
30 minute	2,817.90	\$20.49	\$81.98	\$292.84
60 minute	4,040.00	\$29.32	\$117.31	\$419.04

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AF. Spill Cleanup Kit				
with Cabinet	423.13	\$2.13	\$8.58	\$30.93
AG. Standard Face Shields				
	40.64	\$0.42	\$1.69	\$6.05
AH. Storage Cabinet For Flammable Liquids				
Gas Can Storage Cabinet, 30 gallon	660	\$4.90	\$19.60	\$70.01
Gas Cylinder Storage Cabinet	757	\$5.60	\$22.40	\$80.02
Gas Can Storage Cabinet, 45 gallon	770	\$5.69	\$22.78	\$81.36
Gas Can Storage Cabinet, 90 gallon	1,190.00	\$8.73	\$34.92	\$124.74
Gas Can Storage Cabinet, 60 gallon	1,549.99	\$11.33	\$45.33	\$161.91
AI. Temporary Folding Barricades				
	701.8	\$5.20	\$20.81	\$74.32
AJ. Traffic Cones				
18"	7	\$0.25	\$0.98	\$3.51
28"	22	\$0.50	\$2.00	\$7.14
36"	28	\$0.33	\$1.31	\$4.66



	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AK. Trailer Mounted Arrow Boards				
<i>Diesel</i>				
Tailer, Arrow Board	8,900.00	\$51.18	\$216.00	\$818.32
<i>Gasoline</i>				
Tailer, Arrow Board	5,088.00	\$37.50	\$161.35	\$623.41
<i>Solar</i>				
Tailer, Arrow Board	7,311.00	\$25.52	\$104.69	\$384.83
AL. Vehicle Hood Lights				
	904.05	\$6.66	\$26.65	\$95.21
AM. Warning Fence, Orange Net				
100' length; 4' height	42	\$0.43	\$1.73	\$6.19

SECTION 22: SCAFFOLDING

Owning & Operating Rate

	Est. Price \$	Day \$	Week \$	Month \$
A. Aluminum Staging				
<i>Electric</i>				
21'; with Elevating Equipment	3,149.84	\$8.78	\$37.15	\$141.01
24'; with Elevating Equipment	3,995.00	\$87.69	\$387.65	\$1,537.34
30'; with Elevating Equipment	4,595.00	\$12.26	\$51.45	\$193.64
36'; with Elevating Equipment	5,195.00	\$13.71	\$57.38	\$215.49
<i>Manual</i>				
24'; Stage Only	612.63	\$5.46	\$23.24	\$88.79
30'; Stage Only	775.93	\$6.60	\$27.85	\$105.45
with Swing	2,650.00	\$19.65	\$80.66	\$296.62
B. Base Plate Extension Post				
	198	\$2.34	\$10.61	\$43.12
C. Casters				
5"; with Lock	29.46	\$0.34	\$1.37	\$4.89
6" to 8"; 6" stem	79.86	\$0.71	\$2.83	\$10.10
4" to 5"; 6" stem	70.3	\$0.71	\$3.09	\$12.07
5" to 8"; Adjustable Stem	96.97	\$0.83	\$3.32	\$11.86
D. Frames				
2'; 5' X 7' Platform Area	108.83	\$1.94	\$9.00	\$37.26
12'; 5' X 7' Platform Area	400	\$3.51	\$15.34	\$60.27
16'; 5' X 7' Platform Area	1,100.00	\$7.55	\$31.73	\$119.72

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
E. Guard Rails				
6"	250	\$2.91	\$12.93	\$51.47
F. Planks				
12'; Wood	265.52	\$2.06	\$8.58	\$32.00
20'; Wood	406.79	\$3.04	\$12.51	\$46.23
26'; Wood	526.76	\$3.86	\$15.85	\$58.31
8'; Aluminum	323.95	\$3.42	\$14.99	\$58.92
10'; Aluminum	245.9	\$2.89	\$12.82	\$51.06
16'; Aluminum	230.85	\$2.78	\$12.40	\$49.55
22'; Aluminum	859.36	\$7.10	\$29.89	\$112.85
24'; Aluminum	432.38	\$4.17	\$18.01	\$69.84
32'; Aluminum	943.13	\$7.68	\$32.22	\$121.28
G. Sectional Steel Scaffolding				
2'; End Frame; 5 x 7	64.37	\$1.64	\$7.77	\$32.78
3'; End Frame; 5 x 7	60.61	\$1.61	\$7.66	\$32.40
4'; End Frame; 5 x 7	82.69	\$1.76	\$8.28	\$34.62
5'; End Frame; 5 x 7	108.83	\$1.94	\$9.00	\$37.26
6'; End Frame; 5 x 7	116.14	\$1.99	\$9.21	\$37.99
7'; End Frame; 5 x 7	811	\$5.88	\$24.97	\$95.18

SECTION 23: SHEET METAL EQUIPMENT

A. Angle Iron	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2"; 1/4" diameter	630	\$7.62	\$30.95	\$112.49
3"; 3/8" diameter	649.5	\$7.79	\$31.65	\$115.03
B. Bar Folders				
30"; 22 ga., Bench	4,090.00	\$12.14	\$49.25	\$178.74
30"; 22 ga., with Floor Stand	4,657.00	\$13.76	\$55.74	\$202.07
36"; 20 ga., Bench	5,600.00	\$16.44	\$66.55	\$240.85
36"; 20 ga., with Floor Stand	6,067.00	\$17.78	\$71.90	\$260.06
C. Beading Machines				
<i>Electric</i>				
18 ga.; Floor Stand; 5' Sheet Beder	4,521.23	\$26.31	\$107.62	\$394.14
18 ga.; Floor Stand; 6' Sheet Beder	5,800.83	\$33.22	\$135.37	\$493.79
18 ga.; Floor Stand	11,004.51	\$61.31	\$248.23	\$899.00
<i>Manual</i>				
24 ga.; Bench Stand	1,040.74	\$6.52	\$27.08	\$100.89
20 ga.; Bench Stand	1,962.04	\$11.66	\$47.88	\$176.23
18 ga.; Floor Pedestal	5,459.60	\$31.16	\$126.85	\$462.26
D. Cheek Benders				
<i>Air</i>				
1/4"; Flanger	911	\$4.74	\$21.23	\$85.14
7/16"; Snaplock	8,164.71	\$31.10	\$133.15	\$511.80
<i>Manual</i>				
1/4" to "7/8"; Bench Stand	816.47	\$3.04	\$12.94	\$49.47
1/4" to "7/8"; Floor Stand	1,012.42	\$3.60	\$15.19	\$57.55

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
E. Cleat Benders				
<i>Air</i>				
24"; 20 ga., Table	9,990.15	\$32.11	\$133.49	\$497.76
30"; 20 ga., Table	10,989.17	\$35.10	\$145.77	\$542.80
36"; 20 ga., Table	12,321.19	\$39.09	\$162.13	\$602.86
36"; 18 ga., Table	13,819.71	\$43.59	\$180.54	\$670.42
<i>Electric</i>				
18"; 20 ga., Bench	632.71	\$4.48	\$20.69	\$85.37
24"; 20 ga., Bench	932.41	\$5.36	\$24.27	\$98.41
18"; 20 ga., with Floor Stand	965.71	\$5.46	\$24.66	\$99.86
24"; 20 ga., with Floor Stand	1,265.42	\$6.33	\$28.24	\$112.89
30"; 20 ga., Bench	1,570.00	\$7.22	\$31.87	\$126.14
24"; 20 ga., Table	10,656.16	\$32.11	\$133.49	\$497.76
30"; 20 ga., with Floor Stand	1,798.23	\$7.89	\$34.59	\$136.07
F. Combination Rotary Machines				
<i>Manual</i>				
22 to 24 ga.; 7' Throat Depth; Bench Stand	1,295.46	\$8.17	\$34.61	\$131.61
G. Crimping/Beading Machines				
<i>Battery</i>				
Ridgid ProPress 100B	1,900.00	\$12.17	\$50.77	\$190.03
Ridgid ProPress 320E	1,900.00	\$12.17	\$50.77	\$190.03
Ridgid ProPress CT400	4,000.00	\$23.50	\$96.32	\$353.56
<i>Electric</i>				
16 ga.; Mestek CM3-DH	65,000.00	302.38	1,223.52	4,427.62

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
H. Crimping/Beading Machines				
<i>Manual</i>				
24 ga.; Battery	3,699.00	\$21.50	\$89.72	\$335.79
24 ga.; Battery, 15 tons	6,635.09	\$38.00	\$158.10	\$589.81
24 ga.; Battery, Ferrule	500	\$3.53	\$15.23	\$59.03
24 ga.; Bench Stand	1,126.49	\$7.05	\$29.82	\$113.23
20 ga.; Bench Stand	1,971.35	\$11.80	\$49.49	\$186.33
24 ga.; BG and D3	906.97	\$5.81	\$24.71	\$94.24
24 ga.; Contact 6F	319	\$2.51	\$11.01	\$43.38
24 ga.; Contour	239.5	\$2.06	\$9.16	\$36.50
24 ga.; Battery, Dieless	3,899.00	\$22.63	\$94.38	\$353.10
24 ga.; Crimper, RG8 Deluxe Coax Crimp Kit	6,928.00	\$37.43	\$155.70	\$580.92
24 ga.; D3 and O	304.81	\$2.43	\$10.68	\$42.15
24 ga.; e.g.: Ridgid ProPress CT400	1,527.40	\$9.69	\$40.80	\$154.22
24 ga.; Ferrule 4-2AWG	295	\$2.37	\$10.46	\$41.30
24 ga.; Ferrule 8-6AWG	383.59	\$2.87	\$12.52	\$48.96
24 ga.; Ferrule, 26-10AWG	383.59	\$2.87	\$12.52	\$48.96
24 ga.; Ferrule, Weidmuller	195.42	\$1.82	\$8.14	\$32.68
24 ga.; ga. Tester	2,095.84	\$12.50	\$52.39	\$197.10
24 ga.; Hand Ratchet	1,069.00	\$6.72	\$28.48	\$108.26
24 ga.; Hand Rotating	282.12	\$2.30	\$10.16	\$40.19
24 ga.; Handheld, 26 to 1/0	690.67	\$4.60	\$19.67	\$75.53
24 ga.; Hydraulic Pump	3,660.87	\$21.29	\$88.84	\$332.49
24 ga.; MC4 Solar	342.71	\$2.64	\$11.57	\$45.43
24 ga.; O and D3	643.04	\$4.33	\$18.56	\$71.41
24 ga.; Remote Head, 60 tons	2,650.67	\$15.61	\$65.31	\$245.10
24 ga.; RG8 Deluxe Coax Crimp Kit	99.73	\$1.28	\$5.91	\$24.41
24 ga.; RJ11/45	148.46	\$1.55	\$7.04	\$28.62
I. Fiberglass Duct Grooving Machines				
<i>Electric</i>				
	14,560.00	\$80.50	\$325.35	\$1,175.87
J. Fiberglass Cutting Systems				
E.g.: Lockformer Vulcan 1600	105,000.00	389.36	1,638.56	6,188.11

K. Foot Squaring Shears

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
16 ga.; 37" Cutting Length	3,800.00	\$11.46	\$52.45	\$214.74
16 ga.; 52" Cutting Length	3,827.60	\$11.51	\$52.70	\$215.77
16 ga.; 37" Cutting Length; with sq. arm	3,898.48	\$11.67	\$53.37	\$218.40
16 ga.; 52" Cutting Length; with sq. arm	4,819.94	\$13.63	\$62.03	\$252.62
16 ga.; 52" with 18" slitting Cutting Length; gap type	16,302.73	\$38.13	\$169.94	\$679.04

L. Gap Frame & Ob Presses

Electric

5 tons; OBI Flywheel; 3-3/4" Throat Depth	6,855.72	\$23.14	\$102.06	\$403.93
5 tons; OBI Flywheel; 9-1/2" Throat Depth	8,368.91	\$26.90	\$118.16	\$465.75
5 tons; OBI Geared; 3-3/4" Throat Depth	8,368.91	\$26.90	\$118.16	\$465.75
5 tons; OBI Geared; 9-1/2" Throat Depth	9,882.09	\$30.66	\$134.26	\$527.57
7 tons; Gap Frame Hydraulic; 10" Throat Depth	6,855.72	\$23.14	\$102.06	\$403.93
8 to 9 tons; Gap Frame Hydraulic; 24" Throat Depth	9,125.50	\$28.78	\$126.21	\$496.66
10 tons; OBI Flywheel; 4-1/4" Throat Depth	9,629.89	\$30.04	\$131.58	\$517.26
10 tons; OBI Geared; 4-1/4" Throat Depth	11,143.07	\$33.80	\$147.67	\$579.08
12 tons; Gap Frame Hydraulic; 24" Throat Depth	11,143.07	\$33.80	\$147.67	\$579.08
15 tons; Gap Frame Flywheel; 5-1/2" Throat Depth	28,082.43	\$43.61	\$189.58	\$739.78
15 tons; OBI Flywheel; 12-1/2" Throat Depth	24,835.15	\$39.54	\$172.39	\$674.57
15 tons; OBI Flywheel; 5-3/4" Throat Depth	23,443.46	\$37.80	\$165.02	\$646.62
15 tons; OBI Geared; 12-1/2" Throat Depth	26,690.74	\$41.87	\$182.22	\$711.83
15 tons; OBI Geared; 5-3/4" Throat Depth	24,835.15	\$39.54	\$172.39	\$674.57
25 tons; Gap Frame Flywheel; 6-3/4" Throat Depth	38,752.04	\$56.98	\$246.07	\$954.07
25 tons; Gap Frame Hydraulic; 24" Throat Depth	20,196.19	\$33.73	\$147.83	\$581.40
25 tons; OBI Flywheel; 15-1/4" Throat Depth	31,793.60	\$48.26	\$209.23	\$814.32
25 tons; OBI Flywheel; 7-1/2" Throat Depth	30,401.91	\$46.52	\$201.86	\$786.37
25 tons; OBI Geared; 15-1/4" Throat Depth	33,649.18	\$50.59	\$219.06	\$851.58

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
25 tons; OBI Geared; 7-1/2" Throat Depth	31,793.60	\$48.26	\$209.23	\$814.32
32 tons; OBI Flywheel; 15" Throat Depth	36,896.46	\$54.65	\$236.25	\$916.80
32 tons; OBI Geared; 15" Throat Depth	38,752.04	\$56.98	\$246.07	\$954.07
40 tons; Gap Frame Fly Wheel; 8-1/2" Throat Depth	48,957.76	\$69.76	\$300.11	\$1,159.04
40 tons; OBI Flywheel; 18-1/2" Throat Depth	41,535.42	\$60.47	\$260.81	\$1,009.97
40 tons; OBI Flywheel; 9-1/2" Throat Depth	39,679.83	\$58.14	\$250.99	\$972.70
40 tons; OBI Geared; 18-1/2" Throat Depth	42,927.11	\$62.21	\$268.18	\$1,037.92
40 tons; OBI Geared; 9-1/2" Throat Depth	41,071.52	\$59.88	\$258.35	\$1,000.65
55 tons; OBI Flywheel; 18" Throat Depth	44,689.73	\$68.01	\$304.49	\$1,221.82
55 tons; OBI Geared; 18" Throat Depth	45,857.53	\$69.51	\$311.06	\$1,247.78
60 to 70 tons; OBI Flywheel; 10-1/2" to 21-1/2" Throat Depth	52,864.39	\$78.47	\$350.52	\$1,403.54
60 to 70 tons; OBI Geared; 10-1/2" to 21-1/2" Throat Depth	54,032.20	\$79.97	\$357.09	\$1,429.51
85 to 95 tons; OBI Flywheel; 13" to 24" Throat Depth	75,052.77	\$101.38	\$451.31	\$1,801.50
85 to 95 tons; OBI Geared; 13" to 24" Throat Depth	76,804.48	\$103.50	\$460.61	\$1,838.22
110 to 120 tons; OBI Flywheel; 14-3/4" to 24" Throat Depth	84,717.96	\$209.13	\$890.49	\$3,403.85
110 to 120 tons; OBI Geared; 14-3/4" to 24" Throat Depth	86,218.39	\$212.54	\$904.84	\$3,458.01

M. Hand Brakes

Manual

4' X 22 ga.; Straight (Bench)	868.72	\$3.97	\$16.68	\$62.95
4' X 22 ga.; Straight (with Stand)	1,290.67	\$5.54	\$23.04	\$85.87
4' X 22 ga.; Universal (Bench)	1,092.11	\$5.31	\$22.58	\$86.22
4' X 22 ga.; Universal (with Stand)	1,538.88	\$6.99	\$29.37	\$110.73
4' X 16 ga.; Straight (Bench)	2,333.14	\$9.44	\$38.76	\$142.48
4' X 16 ga.; Straight (with Stand)	2,730.27	\$10.35	\$42.39	\$155.58
4' X 16 ga.; Universal	3,723.10	\$15.22	\$62.58	\$230.57
8' X 18 ga.; Straight	5,336.44	\$19.54	\$79.44	\$289.02
8' X 16 ga.; Straight	5,708.75	\$20.85	\$84.73	\$308.08
4' X 14 ga.; Universal	5,584.65	\$21.03	\$86.03	\$315.21
4' X 12 ga.; Straight	5,832.86	\$21.29	\$86.49	\$314.44
10' X 18 ga.; Straight	6,453.37	\$23.48	\$95.31	\$346.21

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6' x 12 ga.; Straight	6,577.48	\$23.91	\$97.08	\$352.57
10' X 16 ga.; Straight	8,190.82	\$29.60	\$120.01	\$435.17
8' X 12 ga.; Straight	9,059.54	\$32.67	\$132.35	\$479.66
4' X 12 ga.; Universal	9,431.85	\$34.69	\$141.17	\$514.24
10' X 14 ga.; Straight	9,928.26	\$35.73	\$144.70	\$524.14
6' X 12 ga.; Universal	13,279.05	\$48.35	\$196.32	\$713.28
8' X 12 ga.; Universal	17,870.88	\$64.65	\$262.14	\$950.83
10' X 14 ga.; Universal	18,739.60	\$67.74	\$274.59	\$995.77
10' X 12 ga.; Universal	27,923.24	\$100.35	\$406.23	\$1,470.88

N. Hand Notchers

Manual

16 ga.; Bench	1,836.15	\$7.23	\$31.82	\$125.70
16 ga.; Floor Stand	2,333.44	\$8.79	\$38.49	\$151.19
16 to 18 ga.; Bench	2,792.48	\$7.23	\$31.82	\$125.70
16 to 18 ga.; Floor Stand	3,634.05	\$8.79	\$38.49	\$151.19
11 ga.; Floor Stand	5,355.44	\$18.33	\$79.05	\$306.13

O. HVAC Full Coil Lines

Electric

E.g.: Mestek Pro-Fabriduct	750,000.00	1,126.26	4,539.64	16,356.36
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P. Hydraulic Notchers

Electric

11 ga.; 5" X 5"	8,955.75	\$25.27	\$110.90	\$436.74
16 ga.; 6" X 6"	9,530.13	\$26.56	\$116.43	\$458.06
11 ga.; 7-1/2" X 7-1/2"	11,827.65	\$31.70	\$138.52	\$543.34
8 to 10 ga.; 8" to 10"	14,986.75	\$27.30	\$118.32	\$460.40
3 ga.; 10" X 10"	23,315.27	\$39.80	\$171.72	\$665.12

Q. Hydraulic Press Brakes

Electric

20 tons; 4'	39,079.48	\$55.13	\$240.59	\$942.45
20 tons; 6'	40,095.27	\$56.36	\$245.85	\$962.63
40 tons; 4'	45,682.12	\$63.13	\$274.78	\$1,073.62

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
40 tons; 6'	46,697.91	\$64.36	\$280.04	\$1,093.80
60 tons; 6'	49,745.28	\$68.05	\$295.83	\$1,154.33
60 tons; 8'	52,792.65	\$71.75	\$311.61	\$1,214.87
60 tons; 10'	55,840.02	\$75.44	\$327.39	\$1,275.41
100 tons; 10'	65,997.92	\$87.76	\$380.00	\$1,477.20
100 tons; 12'	73,108.45	\$96.37	\$416.83	\$1,618.45
140 tons; 10'	88,853.20	\$115.46	\$498.37	\$1,931.22
140 tons; 12'	92,408.47	\$119.77	\$516.78	\$2,001.85

R. Hydraulic Squaring Shears

Electric

16 ga.; Front, Back, Side ga. Type; 5' Cutting Length	10,208.10	\$28.45	\$128.19	\$517.37
10 ga.; Push Buttons ga. Type; 6' Cutting Length	40,257.17	\$83.96	\$367.90	\$1,446.79
10 ga.; Push Buttons ga. Type; 8' Cutting Length	49,558.08	\$101.14	\$442.10	\$1,734.47
10 ga.; Push Buttons ga. Type; 10' Cutting Length	69,590.79	\$138.14	\$601.91	\$2,354.08
3 ga.; Power Back/Lt. Beam Gauge Type; 10' Cutting Length	71,021.70	\$140.78	\$613.32	\$2,398.34

S. Ironworkers

Electric

40 tons; 3 X 3 X 5/16"	13,145.24	\$46.33	\$192.05	\$713.78
50 tons; 4 X 4 X 3/8"	16,810.39	\$57.45	\$237.73	\$881.93
50 tons; 6 X 6 X 1/2"	22,974.52	\$76.14	\$314.56	\$1,164.75
60 tons; 4 X 4 X 1/2"	27,639.26	\$90.29	\$372.69	\$1,378.77
65 tons; 6 X 6 X 3/8"	19,975.76	\$67.05	\$277.18	\$1,027.16
90 tons; 6 X 6 X 1/2"	27,639.26	\$90.29	\$372.69	\$1,378.77
85 tons; 6 X 6 X 1/2"	31,471.01	\$101.92	\$420.45	\$1,554.57
120 tons; 6 X 6 X 1/2"	35,136.16	\$113.03	\$466.13	\$1,722.73

T. Manual Bench Shears	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
24 ga.; 12" Cutting Length	850	\$5.44	\$22.19	\$81.04
20 ga.; 25" Cutting Length	1,980.00	\$12.35	\$50.09	\$181.79
U. Mechanical Press Brakes				
<i>Electric</i>				
25 tons; 4'	33,693.37	\$34.13	\$142.02	\$530.00
25 tons; 6'	35,781.72	\$35.97	\$149.50	\$557.25
25 tons; 8'	37,347.98	\$37.34	\$155.10	\$577.69
35 tons; 4'	39,958.41	\$39.64	\$164.45	\$611.75
35 tons; 6'	41,002.58	\$40.55	\$168.18	\$625.38
35 tons; 8'	42,046.76	\$41.47	\$171.92	\$639.01
45 tons; 4'	44,135.10	\$43.31	\$179.40	\$666.26
45 tons; 6'	45,179.28	\$44.23	\$183.14	\$679.88
45 tons; 8'	46,745.54	\$45.60	\$188.74	\$700.32
45 tons; 10'	47,789.71	\$46.52	\$192.48	\$713.95
70 tons; 6'	58,753.52	\$56.16	\$231.73	\$857.01
70 tons; 8'	60,841.87	\$57.99	\$239.20	\$884.27
70 tons; 10'	62,408.13	\$59.37	\$244.81	\$904.70
70 tons; 12'	63,452.30	\$60.29	\$248.55	\$918.33
100 tons; 6'	60,841.87	\$57.99	\$239.20	\$884.27
100 tons; 8'	62,408.13	\$59.37	\$244.81	\$904.70
100 tons; 10'	63,974.39	\$60.75	\$250.42	\$925.14
100 tons; 12'	65,540.65	\$62.12	\$256.02	\$945.58
150 tons; 6'	80,681.16	\$75.43	\$310.22	\$1,143.15
150 tons; 8'	82,769.50	\$77.26	\$317.70	\$1,170.40
150 tons; 10'	85,379.94	\$79.56	\$327.04	\$1,204.47
150 tons; 12'	93,733.32	\$86.90	\$356.94	\$1,313.47
V. Mechanical Squaring Shears				
<i>Electric</i>				
10 ga.; 3' Cutting Length	18,025.00	\$39.18	\$170.33	\$664.72
10 ga.; 5' Cutting Length	19,750.00	\$39.18	\$170.33	\$664.72

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
14 ga.; 6' Cutting Length	20,185.00	\$39.18	\$170.33	\$664.72
14 ga.; 8' Cutting Length	20,600.00	\$39.25	\$170.63	\$665.98
14 ga.; 10' Cutting Length	24,185.00	\$44.64	\$193.61	\$754.10
W. Multi-Head Duct Notchers				
<i>Electric</i>				
18 to 20 ga.; 5(3 "V"/2 Corner)	13,523.07	\$31.27	\$129.57	\$481.40
16 ga.; 3(1 "V"/2 Corner)	13,282.37	\$30.78	\$127.57	\$474.13
16 ga.; 5(3"V"/2 Corner)	15,207.91	\$30.78	\$127.57	\$474.13
X. Portable Hydraulic Punches				
<i>Hydraulic</i>				
2.5" to 4"	4,186.13	\$12.44	\$50.85	\$186.05
<i>Electric</i>				
4" and over	5,706.53	\$20.00	\$87.69	\$345.09
Y. Powder Actuated Fasteners				
Metal	609.94	\$8.10	\$33.52	\$124.30
Concrete	866.99	\$10.70	\$43.99	\$161.97
Z. Power Flangers				
<i>Electric</i>				
20 to 30 ga.; 3/16" to 7/32" Flange Height	4,952.77	\$12.24	\$54.00	\$213.75
18 to 26 ga.; 1/4" to 7/16" Flange Height	4,252.89	\$11.19	\$49.51	\$196.55
16 to 24 ga.; 3/8" Flange Height	4,052.92	\$22.53	\$93.12	\$344.93
14 to 22 ga.; 1/4"-1/2" Flange Height	9,951.94	\$19.74	\$86.05	\$336.64
18 to 28 ga.; 5/16" to 7/16" with Punch Flange Height	5,152.74	\$12.54	\$55.28	\$218.67

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AA. Power Rolls				
<i>Electric</i>				
16 to 18 ga.; 48" X 3"	9,112.12	\$18.48	\$80.66	\$315.99
16 ga.; 36" X 3"	10,124.57	\$26.79	\$111.42	\$415.56
10 ga.; 40" X 5"	21,869.08	\$53.43	\$218.48	\$800.01
10 ga.; 60" X 5"	25,108.94	\$60.78	\$248.02	\$906.06
AB. Punches				
<i>Hydraulic</i>				
1/2" to 2"; 20 tons; without Hydraulic Pump, Punch, or Dies	2,576.08	\$7.93	\$32.67	\$120.56
1/2" to 4"; 30 tons; without Hydraulic Pump, Punch, or Dies	3,123.50	\$9.47	\$38.85	\$142.83
1/2" to 2"; 50 tons; without Hydraulic Pump, Punch, or Dies	4,148.01	\$12.34	\$50.42	\$184.50
1/2" to 6"; 20 tons; without Hydraulic Pump, Punch, or Dies	5,152.16	\$15.15	\$61.75	\$225.34
1/2" to 6"; 30 tons; without Hydraulic Pump, Punch, or Dies	5,152.16	\$15.15	\$61.75	\$225.34
<i>Manual</i>				
1/2" to 2"	329	\$1.62	\$6.99	\$27.07
2-1/2"; 12 tons; Lever Press	2,784.50	\$11.95	\$50.27	\$189.83
3"	595	\$2.74	\$11.68	\$44.70
6"; 10 tons; Lever Press	716	\$3.97	\$17.40	\$68.50
4"	1,065.00	\$4.72	\$19.97	\$75.85
12"; 10 tons; Lever Press	1,790.00	\$8.48	\$36.33	\$139.69
18"; 5 tons;' Press	3,977.85	\$17.68	\$74.89	\$284.71
24"; 8 tons;' Press	1,869.63	\$8.82	\$37.73	\$144.97
AC. Ring & Circle Shears				
3-1/4"-42-1/2"	4,965.00	\$17.54	\$74.10	\$281.01
20 ga.	4,840.00	\$29.84	\$120.72	\$436.78

AD. Roll Forming Machines	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Electric</i>				
TDC Clip; 14 Stations	28,950.00	\$70.25	\$295.75	\$1,117.31
24 ga.; Pittsburgh Lock; 5 Stations	5,463.50	\$19.47	\$85.51	\$337.01
24 ga.; Reeves Snap Lock; 7 Stations	16,157.17	\$42.59	\$181.23	\$692.29
24 ga.; Reeves Snap Lock; 9 Stations	25,635.66	\$63.08	\$266.08	\$1,007.20
24 ga.; Snap Lock B.P.; 7 Stations	10,567.30	\$30.51	\$131.20	\$506.58
24 ga.; Snap Lock B.P.; 8 Stations	10,324.26	\$29.98	\$129.02	\$498.50
24 ga.; with Power Flanger; 5 Stations	7,407.80	\$23.67	\$102.92	\$401.61
22 ga.; "S" Cleat; 12 Stations	16,400.21	\$43.12	\$183.41	\$700.37
22 ga.; "S" Cleat; 8 Stations	11,053.37	\$31.56	\$135.55	\$522.73
22 ga.; "S" Cleat; 9 Stations	14,698.94	\$39.44	\$168.18	\$643.84
22 ga.; 1/2" Pitts; 11 Stations	20,774.90	\$52.58	\$222.57	\$845.71
22 ga.; Pittsburgh Lock; 5 Stations	5,220.46	\$18.94	\$83.34	\$328.94
22 ga.; S & Drive with Slitter; 8 Stations	12,754.64	\$35.23	\$150.78	\$579.25
22 ga.; S & Drive with Slitter; 9 Stations	16,886.29	\$44.17	\$187.76	\$716.51
22 ga.; Standing "S"; 11 Stations	17,129.33	\$44.69	\$189.94	\$724.59
22 ga.; with 3 in 1; 12 Stations	17,615.40	\$45.74	\$194.29	\$740.74
22 ga.; with 3 in 1; 8 Stations	13,240.72	\$36.29	\$155.13	\$595.40
22 ga.; with 3 in 1; 9 Stations	17,615.40	\$45.74	\$194.29	\$740.74
22 ga.; with 5/16" Pitts.; 12 Stations	18,101.48	\$44.56	\$189.38	\$722.54
22 ga.; with 5/16" Pitts; 8 Stations	12,997.68	\$35.76	\$152.95	\$587.32
22 ga.; with 5/16" Pitts; 9 Stations	17,129.33	\$44.69	\$189.94	\$724.59
22 ga.; with B.P. Snap Lock; 11 Stations	20,288.82	\$51.52	\$218.22	\$829.56
22 ga.; with B.P. Snap Lock; 12 Stations	19,073.63	\$48.90	\$207.34	\$789.19
22 ga.; with B.P. Snap Lock; 8 Stations	13,726.79	\$37.34	\$159.48	\$611.55
22 ga.; with B.P. Snap Lock; 9 Stations	18,587.55	\$47.85	\$202.99	\$773.04
22 ga.; with Double Seam; 5 Stations	5,949.57	\$20.52	\$89.86	\$353.16
22 ga.; with Drive Cleat; 5 Stations	5,949.57	\$20.52	\$89.86	\$353.16
22 ga.; with Right Angle Flange; 5 Stations	5,949.57	\$20.52	\$89.86	\$353.16
22 ga.; with Standing Seam; 12 Stations	18,344.52	\$47.32	\$200.81	\$764.96
20-22 ga.; "S" and Drive Cleat; 8 Stations	12,511.60	\$34.71	\$148.60	\$571.17
20-22 ga.; "S" and Drive Cleat; 9 Stations	12,754.64	\$35.23	\$150.78	\$579.25
20-22 ga.; with 1/2" Pitts.; 9 Stations	16,157.17	\$42.59	\$181.23	\$692.29
20-22 ga.; with 3 in 1; 8 Stations	13,969.83	\$37.86	\$161.65	\$619.62
20-22 ga.; with 5/16" Pitts; 8 Stations	14,455.91	\$38.91	\$166.01	\$635.77

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
20-22 ga.; with 5/16" Pitts; 9 Stations	14,698.94	\$39.44	\$168.18	\$643.84
20-22 ga.; with B.P. Snap Lock; 8 Stations	15,428.06	\$41.01	\$174.71	\$668.07
20-22 ga.; with B.P. Snap Lock; 9 Stations	15,671.10	\$41.54	\$176.88	\$676.14
20-22 ga.; with Cutter; 9 Stations	15,671.10	\$41.54	\$176.88	\$676.14
20-22 ga.; with Standing Seam; 8 Stations	14,698.94	\$39.44	\$168.18	\$643.84
20 ga.; Drive Cleat; 8 Stations	10,324.26	\$29.98	\$129.02	\$498.50
20 ga.; Pittsburgh Lock; 5 Stations	5,220.46	\$18.94	\$83.34	\$328.94
20 ga.; Pittsburgh Lock; 8 Stations	8,622.99	\$26.30	\$113.79	\$441.98
20 ga.; S & Drive with Slitter; 8 Stations	14,941.98	\$39.96	\$170.36	\$651.92
20 ga.; Snap Lock B.P.; 8 Stations	11,782.49	\$33.13	\$142.07	\$546.95
20 ga.; Snap Lock B.P.; 9 Stations	11,782.49	\$33.13	\$142.07	\$546.95
20 ga.; Standing "S"; 10 Stations	21,990.09	\$55.20	\$233.45	\$886.08
20 ga.; Standing "S"; 12 Stations	32,683.77	\$78.32	\$329.17	\$1,241.36
20 ga.; Standing Slip; 14 Stations	37,787.57	\$89.36	\$374.85	\$1,410.93
20 ga.; with 1/2" Pitts.; 10 Stations	26,121.74	\$64.14	\$270.43	\$1,023.35
20 ga.; with 1/2" Pitts.; 12 Stations	35,600.22	\$84.63	\$355.27	\$1,338.25
20 ga.; with 3 in 1; 10 Stations	28,066.04	\$68.34	\$287.83	\$1,087.94
20 ga.; with 3 in 1; 12 Stations	37,544.53	\$88.83	\$372.68	\$1,402.85
20 ga.; with 3 in 1; 8 Stations	12,511.60	\$34.71	\$148.60	\$571.17
20 ga.; with 5/16" Pitts.; 8 Stations	12,025.53	\$33.66	\$144.25	\$555.02
20 ga.; with 5/16" Pitts.; 10 Stations	23,934.39	\$59.41	\$250.85	\$950.68
20 ga.; with B.P. Snap Lock; 12 Stations	36,572.38	\$86.73	\$363.98	\$1,370.55
20 ga.; with B.P. Snap Lock; 8 Stations	12,997.68	\$35.76	\$152.95	\$587.32
20 ga.; with Double Seam; 5 Stations	7,164.76	\$23.15	\$100.74	\$393.53
20 ga.; with Double Seam; 8 Stations	9,595.14	\$28.40	\$122.49	\$474.28
20 ga.; with Drive Cleat; 5 Stations	5,949.57	\$20.52	\$89.86	\$353.16
20 ga.; with Drive Cleat; 8 Stations	9,595.14	\$28.40	\$122.49	\$474.28
20 ga.; with Duplex; 10 Stations	26,121.74	\$64.14	\$270.43	\$1,023.35
20 ga.; with Government Clip; 14 Stations	44,349.59	\$103.55	\$433.59	\$1,628.94
20 ga.; with Government Lock; 10 Stations	26,607.81	\$65.19	\$274.78	\$1,039.50
20 ga.; with Government Lock; 12 Stations	39,002.76	\$91.99	\$385.73	\$1,451.30
20 ga.; with New England Cleat; 14 Stations	45,807.82	\$106.70	\$446.65	\$1,677.39
20 ga.; with New York Cleat; 14 Stations	40,460.98	\$95.14	\$398.78	\$1,499.75
20 ga.; with Power Flanger; 5 Stations	6,435.65	\$21.57	\$94.21	\$369.31
20 ga.; with Right Angle Flange; 5 Stations	5,706.53	\$20.00	\$87.69	\$345.09

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
20 ga.; with Stand S/R Angle; 10 Stations	27,579.96	\$67.29	\$283.48	\$1,071.79
20 ga.; with Stand S/R Angle; 14 Stations	42,648.33	\$88.83	\$372.68	\$1,402.85
20 ga.; with Stand S/R Angle; 14 Stations	37,544.53	\$88.83	\$372.68	\$1,402.85
20 ga.; with Standing Seam; 8 Stations	10,810.34	\$31.03	\$133.37	\$514.65
18 ga.; Pittsburgh Lock; 7 Stations	11,296.41	\$32.08	\$137.72	\$530.80
18 ga.; Pittsburgh Lock; 8 Stations	8,866.03	\$26.83	\$115.97	\$450.05
18 ga.; Snap Lock B.P.; 8 Stations	13,240.72	\$36.29	\$155.13	\$595.40
18 ga.; TDF Clip; 16 Stations	42,891.37	\$100.39	\$420.54	\$1,580.49
18 ga.; with 1/2" Pitts; 16 Stations	47,023.01	\$109.33	\$457.52	\$1,717.76
18 ga.; with 3 in 1 (16 ga.); 16 Stations	49,453.39	\$114.58	\$479.28	\$1,798.50
18 ga.; with 3 in 1; 7 Stations	13,969.83	\$37.86	\$161.65	\$619.62
18 ga.; with 3 in 1; 8 Stations	10,324.26	\$29.98	\$129.02	\$498.50
18 ga.; with Double Seam; 7 Stations	13,240.72	\$36.29	\$155.13	\$595.40
18 ga.; with Double Seam; 8 Stations	9,838.18	\$28.93	\$124.67	\$482.35
18 ga.; with Drive Cleat; 7 Stations	13,240.72	\$36.29	\$155.13	\$595.40
18 ga.; with Drive Cleat; 8 Stations	9,838.18	\$28.93	\$124.67	\$482.35
18 ga.; with Stand. S/R. Angle; 16 Stations	47,995.17	\$111.43	\$466.22	\$1,750.06
18 ga.; with Standing Seam; 7 Stations	13,726.79	\$37.34	\$159.48	\$611.55
18 ga.; with Standing Seam; 8 Stations	11,053.37	\$31.56	\$135.55	\$522.73
16 ga.; Pittsburgh lock; 7 Stations	11,053.37	\$31.56	\$135.55	\$522.73
16 ga.; Pittsburgh Lock; 8 Stations	9,109.07	\$27.35	\$118.14	\$458.13
16 ga.; with 3 in 1; 7 Stations	13,726.79	\$37.34	\$159.48	\$611.55
16 ga.; with 3 in 1; 8 Stations	10,567.30	\$30.51	\$131.20	\$506.58
16 ga.; with Double Seam; 7 Stations	12,997.68	\$35.76	\$152.95	\$587.32
16 ga.; with Double Seam; 8 Stations	10,081.22	\$29.45	\$126.85	\$490.43
16 ga.; with Drive Cleat; 7 Stations	12,997.68	\$35.76	\$152.95	\$587.32
16 ga.; with Drive Cleat; 8 Stations	10,081.22	\$29.45	\$126.85	\$490.43
16 ga.; with Standing Seam; 7 Stations	13,483.75	\$36.81	\$157.30	\$603.47
16 ga.; with Standing Seam; 8 Stations	11,296.41	\$32.08	\$137.72	\$530.80
14 ga.; Pittsburgh Lock; 7 Stations	17,858.44	\$46.27	\$196.46	\$748.81
AE. Slitters				
<i>Electric</i>				
20 ga.; 1-1/4" to "24-1/4" Slitting Range	3,100.57	\$12.61	\$54.74	\$213.34
16 ga.; 1" to "24-1/4" Slitting Range	3,538.69	\$13.99	\$60.45	\$234.57

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
16 ga.; 1-1/4" to 30-1/4" Slitting Range	4,549.75	\$17.16	\$73.63	\$283.56
16 ga.; 1-1/2" to 49" Slitting Range	6,740.37	\$24.05	\$102.17	\$389.69
16 ga.; 1-1/4" to 60" Slitting Range	7,751.43	\$27.22	\$115.34	\$438.68
14 ga.; 1-1/4" to 24-1/4" Slitting Range	4,381.24	\$16.63	\$71.43	\$275.39
AF. Spiral Duct Producing Machines				
<i>Electric</i>				
3"-64"; 20 ga.; 95 FPM	137,471.46	\$244.68	\$987.84	\$3,565.73
3"-64"; 18 ga.; 185 FPM	152,818.51	\$271.46	\$1,095.57	\$3,953.03
6"-64" Triple Rib; 26 ga.; 95 FPM	143,028.16	\$254.38	\$1,026.84	\$3,705.96
6"-64" Triple Rib; 26 ga.; 185 FPM	158,639.81	\$281.62	\$1,136.43	\$4,099.94
3"-80"; 16 ga.; 185 FPM	171,605.42	\$304.24	\$1,227.44	\$4,427.15
3"-80"; 14 ga.; 275 FPM	203,887.15	\$360.57	\$1,454.05	\$5,241.82
6"-80" Triple Rib; 26 ga.; 185 FPM	176,103.69	\$312.09	\$1,259.02	\$4,540.67
6"-80" Triple Rib; 26 ga.; 275 FPM	215,265.13	\$380.42	\$1,533.92	\$5,528.96
AG. Strap Benders				
<i>Hydraulic</i>				
15 tons	5,625.00	\$55.87	\$227.63	\$830.16
AH. Strap Masters				
<i>Manual</i>				
Bohn Combi	907.5	\$4.77	\$20.78	\$81.19
AI. Vertical Straight Side Presses				
<i>Electric</i>				
40 tons	62,196.53	\$90.84	\$404.74	\$1,617.00
60 tons	66,913.75	\$96.87	\$431.30	\$1,721.86
80 tons	90,499.85	\$127.06	\$564.11	\$2,246.18
100 tons	102,292.90	\$142.15	\$630.51	\$2,508.34

SECTION 24: SHORING

Owning & Operating Rate

Est. Price \$	Day \$	Week \$	Month \$
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A. Dual Cylinder Vertical Shoring Equipment

36" Max. Trench Width, 3' to 7' Rails	525	\$9.37	\$39.08	\$146.27
42" Max. Trench Width, 3' to 7' Rails	600	\$9.90	\$41.45	\$155.82
64" Max. Trench Width, 3' to 7' Rails	700	\$10.78	\$44.78	\$166.87
88" Max. Trench Width, 3' to 7' Rails	775	\$11.07	\$45.96	\$171.17

B. Light System Manhole Connectors

with hardware	528.2	\$6.86	\$28.57	\$106.76
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C. Light System Panels

20" H x 36" L; with hardware	1,115.70	\$7.76	\$31.05	\$110.92
20" H x 60" L; with hardware	1,160.97	\$8.07	\$32.30	\$115.38
20" H x 78" L; with hardware	1,274.70	\$8.86	\$35.43	\$126.57
20" H x 96" L; with hardware	1,277.93	\$8.88	\$35.52	\$126.89
20" H x 118" L; with hardware	1,339.37	\$9.30	\$37.22	\$132.94

D. Light System Struts

24" to 32"; with hardware	254.4	\$1.83	\$7.31	\$26.12
32" to 48"; with hardware	260.33	\$1.87	\$7.47	\$26.70
51" to 86"; with hardware	280.27	\$2.01	\$8.02	\$28.66

E. Manhole Shields

8' H x 8' W x 8' L; Steel (with Spreaders and Hardware)	1,181.34	\$9.58	\$39.68	\$147.36
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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	\$9.82	\$40.68	\$151.01
8' H x 10' W x 10' L; Steel (with Spreaders and Hardware)	1,394.74	\$10.47	\$43.31	\$160.62
8' H x 10' W x 12' L; Steel (with Spreaders and Hardware); Open Ended	1,845.44	\$12.34	\$50.97	\$188.64
8' H x 8' W x 8' L; Aluminum (with Spreaders and Hardware)	2,666.15	\$15.76	\$64.92	\$239.65
8' H x 10' W x 12' L; Aluminum (with Spreaders and Hardware)	3,592.96	\$19.62	\$80.68	\$297.26

F. Single Cylinder Vertical Shoring Equipment

36" to 42" Max. Trench Width, 2' Rails	300	\$5.81	\$24.28	\$91.12
54" to 88" Max. Trench Width, 2' Rails	375	\$6.10	\$25.46	\$95.42

G. Spreader Sets

24"; for Aluminum Shields	351.42	\$2.02	\$8.10	\$28.93
24"; for Steel Shields	384.83	\$2.22	\$8.87	\$31.68
30"; for Aluminum Shields	368.13	\$2.12	\$8.48	\$30.31
30"; for Steel Shields	418.25	\$2.41	\$9.64	\$34.43
36"; for Aluminum Shields	385.91	\$2.22	\$8.89	\$31.77
36"; for Steel Shields	464.6	\$2.68	\$10.71	\$38.25
42"; for Aluminum Shields	430.65	\$2.48	\$9.93	\$35.45
42"; for Steel Shields	489.4	\$2.82	\$11.28	\$40.29
48"; for Aluminum Shields	431.19	\$2.48	\$9.94	\$35.50
48"; for Steel Shields	540.6	\$3.11	\$12.46	\$44.51
54"; for Aluminum Shields	463.53	\$2.67	\$10.68	\$38.16
54"; for Steel Shields	575.1	\$3.31	\$13.25	\$47.35
60"; for Aluminum Shields	465.14	\$2.68	\$10.72	\$38.29
60"; for Steel Shields	636	\$3.66	\$14.66	\$52.36
72"; for Aluminum Shields	526.59	\$3.03	\$12.14	\$43.35
72"; for Steel Shields	759.43	\$4.37	\$17.50	\$62.52
84"; for Aluminum Shields	558.39	\$3.22	\$12.87	\$45.97

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
84"; for Steel Shields	824.11	\$4.75	\$18.99	\$67.85
96"; for Aluminum Shields	706.61	\$4.07	\$16.29	\$58.17
96"; for Steel Shields	883.93	\$5.09	\$20.37	\$72.77
108"; for Aluminum Shields	734.1	\$4.23	\$16.92	\$60.44
108"; for Steel Shields	938.91	\$5.41	\$21.64	\$77.30
120"; for Aluminum Shields	764.28	\$4.40	\$17.61	\$62.92
120"; for Steel Shields	1,055.33	\$6.08	\$24.32	\$86.88
132"; for Steel Shields	1,136.18	\$6.55	\$26.19	\$93.54
144"; for Steel Shields	1,205.17	\$6.94	\$27.78	\$99.22

H. Trench Braces

1-1/2" diameter, 16"-18" closed; per dozen	772.8	\$7.89	\$32.79	\$122.19
4' H x 10' L; Aluminum, Standard	1,386.37	\$10.43	\$43.16	\$160.10
4' H x 10' L; Steel	563.27	\$7.00	\$29.17	\$108.94
4' H x 12' L; Aluminum, Standard	1,578.25	\$11.23	\$46.43	\$172.03
4' H x 12' L; Steel	588.68	\$7.11	\$29.60	\$110.52
4' H x 16' L; Aluminum, Standard	2,162.25	\$13.66	\$56.36	\$208.33
4' H x 18' L; Aluminum, Standard	2,060.93	\$13.24	\$54.63	\$202.03
4' H x 6' L; Aluminum, Standard	943.14	\$8.59	\$35.63	\$132.55
4' H x 6' L; Steel	431.17	\$6.45	\$26.92	\$100.73
4' H x 8' L; Aluminum, Standard	1,153.55	\$9.46	\$39.21	\$145.63
4' H x 8' L; Steel	510.07	\$6.78	\$28.26	\$105.63
6' H x 10' L; Aluminum, Standard	1,847.83	\$12.35	\$51.01	\$188.79
6' H x 10' L; Steel	825.98	\$8.10	\$33.64	\$125.27
6' H x 12' L; Aluminum, Standard	2,366.08	\$14.51	\$59.82	\$221.00
6' H x 12' L; Steel	1,032.20	\$8.96	\$37.14	\$138.09
6' H x 16' L; Aluminum, Standard	3,159.89	\$17.82	\$73.32	\$270.34
6' H x 16' L; Steel	1,485.00	\$10.84	\$44.84	\$166.23
6' H x 18' L; Aluminum, Standard	3,526.91	\$19.35	\$79.56	\$293.16
6' H x 20' L; Steel	2,070.79	\$13.28	\$54.80	\$202.65
6' H x 24' L; Steel	2,421.37	\$14.74	\$60.76	\$224.44
6' H x 26' L; Steel	2,608.17	\$15.52	\$63.94	\$236.05
6' H x 6' L; Aluminum, Standard	1,307.77	\$10.10	\$41.83	\$155.22
6' H x 6' L; Steel	490.35	\$6.70	\$27.93	\$104.41

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6' H x 8' L; Aluminum, Standard	1,557.03	\$11.14	\$46.07	\$170.71
6' H x 8' L; Steel	579.71	\$7.07	\$29.45	\$109.96
8' H x 10' L; Aluminum, Standard	2,267.15	\$14.10	\$58.14	\$214.85
8' H x 10' L; Steel	938.06	\$8.57	\$35.54	\$132.24
8' H x 12' L; Aluminum, Standard	2,716.96	\$15.97	\$65.79	\$242.81
8' H x 12' L; Steel	1,164.31	\$9.51	\$39.39	\$146.30
8' H x 16' L; Aluminum, Standard	3,767.50	\$20.35	\$83.65	\$308.11
8' H x 16' L; Steel	1,679.27	\$11.65	\$48.14	\$178.31
8' H x 18' L; Aluminum, Standard	4,318.92	\$22.64	\$93.03	\$342.39
8' H x 20' L; Steel	2,427.65	\$14.77	\$60.87	\$224.83
8' H x 24' L; Steel	2,826.05	\$16.43	\$67.64	\$249.59
8' H x 26' L; Steel	3,350.57	\$18.61	\$76.56	\$282.20
8' H x 6' L; Aluminum, Standard	1,506.52	\$10.93	\$45.21	\$167.57
8' H x 6' L; Steel	555.8	\$6.97	\$29.04	\$108.48
8' H x 8' L; Aluminum, Standard	1,826.31	\$12.26	\$50.64	\$187.45
8' H x 8' L; Steel	637.99	\$7.32	\$30.44	\$113.59
10' H x 16' L; Steel	2,594.12	\$15.46	\$63.70	\$235.18
10' H x 20' L; Steel	3,216.68	\$18.05	\$74.29	\$273.87
10' H x 24' L; Steel	3,895.42	\$20.88	\$85.83	\$316.06
10' H x 26' L; Steel	3,860.75	\$20.74	\$85.24	\$313.91

I. Walers Shoring Equipment

56" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	1,800.00	\$17.12	\$71.15	\$265.27
64" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	1,850.00	\$17.31	\$71.92	\$268.09
88" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	2,025.00	\$17.97	\$74.63	\$277.97
120" Max. Trench Width, 8' to 10' Rails; Dual Cylinder (without Trench Sheeting)	2,300.00	\$19.01	\$78.87	\$293.48
56" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	3,650.00	\$32.09	\$133.61	\$499.10
64" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	3,725.00	\$32.38	\$134.78	\$503.39

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
88" Max. Trench Width, 12' to 16' Rails; Triple Cylinder (without Trench Sheeting)	4,000.00	\$33.43	\$139.08	\$519.11
120" Max. Trench Width, 16' Rails; Triple Cylinder (without Trench Sheeting)	2,475.00	\$27.60	\$115.25	\$431.92

SECTION 25: SKID STEER LOADERS

A. Skid Steer Loader Attachments

Augers	2,311.34	\$14.76	\$61.55	\$230.23
Backhoes	3,464.00	\$52.42	\$217.78	\$811.37
Brooms/Sweepers	5,592.00	\$51.24	\$211.00	\$778.83
Forks	895	\$38.08	\$159.75	\$601.23
Graders	8,270.00	\$79.24	\$326.35	\$1,204.49
Grapples	6,265.00	\$68.05	\$281.06	\$1,040.49
Hammers to Concrete	6,245.00	\$83.15	\$342.93	\$1,267.47
Planers	13,336.00	\$74.30	\$302.21	\$1,100.11
Rakes	3,657.00	\$53.50	\$222.14	\$827.16
Rollers	11,811.00	\$116.27	\$479.15	\$1,769.49
Scarifiers	8,298.53	\$25.96	\$110.54	\$422.64
Trenchers	5,395.00	\$24.48	\$105.72	\$409.91

B. Skid Steer Loaders

Diesel

0 to 700 lbs	11,835.00	\$260.18	\$1,058.47	\$3,855.32
701 to 975 lbs	14,773.00	\$290.53	\$1,182.09	\$4,306.17
976 to 1,250 lbs	20,019.00	\$459.56	\$1,862.94	\$6,758.38
1,251 to 1,350 lbs	21,188.00	\$494.37	\$2,003.81	\$7,268.53
1,351 to 1,600 lbs	23,140.00	\$490.23	\$1,989.35	\$7,225.50
1,601 to 1,750 lbs	24,605.00	\$316.87	\$1,303.71	\$4,807.92
1,751 lbs and over	29,215.00	\$391.84	\$1,605.06	\$5,890.70

SECTION 26: STORAGE

A. Pipe Carts

	754.09	5.02	20.08	71.74
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Owning & Operating Rate			
Est. Price \$	Day \$	Week \$	Month \$

B. Storage Containers & Bins

Aerial Tool Bin, Corner Unit	121.18	\$0.25	\$1.02	\$3.63
Aerial Tool Bin, Side Unit	310	\$0.65	\$2.60	\$9.28
85"H X 36"W X 12"D; 36 bins	633.08	\$1.33	\$5.31	\$18.96
Saddle tool Box for Truck Bed	808	\$1.69	\$6.77	\$24.20
85"H X 36"W X 12"D; 54 bins	703.42	\$1.47	\$5.89	\$21.07
85"H X 36"W X 18"D; 36 bins	773.76	\$1.62	\$6.48	\$23.17
85"H X 36"W X 18"D; 54 bins	844.1	\$1.77	\$7.07	\$25.28
Outdoor Safety Cabinet - Self-Closing Doors, 45 Gallon	2,000.00	\$3.98	\$15.92	\$56.89
Storage Cabinet	1,720.00	\$3.42	\$13.69	\$48.92

C. Storage Racks & Shelving

87"H X 36"W X 18"D	119.35	\$0.69	\$2.75	\$9.83
87"H X 36"W X 12"D	139.24	\$0.80	\$3.21	\$11.46
87"H X 48"W X 24"D	159.13	\$0.92	\$3.67	\$13.10
74"H X 120"W X 24"D	755.86	\$4.35	\$17.42	\$62.23
74"H X 144"W X 24"D	875.2	\$5.04	\$20.17	\$72.05
7'H X 4'W X 4'D; Boltless Bulk Racks	79.56	\$0.46	\$1.83	\$6.55
7'H X 8'W X 3'D; Boltless Bulk Racks	99.45	\$0.57	\$2.29	\$8.19
8'H X 12'W X 24" Arm; Cantilever Rack	716.07	\$4.13	\$16.50	\$58.95
12'H X 12'W X 48" Arm; Cantilever Rack	1,989.09	\$11.46	\$45.84	\$163.75
10'H X 8'W X 4'D; Heavy Duty Bulk Racks	318.25	\$1.83	\$7.33	\$26.20
7'H X 8'W X 4'D; Hvy Duty Boltless	119.35	\$0.69	\$2.75	\$9.83
144"H X 96"W X 36"D; Pallet Storage Rack	397.82	\$2.29	\$9.17	\$32.75
144"H X 108"W X 42"D; Pallet Storage Rack	437.6	\$2.52	\$10.09	\$36.03
120"H X 120"W X 42"D; Pallet Storage Rack	556.95	\$3.21	\$12.84	\$45.85
28" Diameter; Rotating Shelves	417.71	\$2.41	\$9.63	\$34.39
34" Diameter; Rotating Shelves	497.27	\$2.86	\$11.46	\$40.94

D. Storage Units	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
20	4,000.00	\$8.38	\$33.52	\$119.79
40	6,000.00	\$12.56	\$50.28	\$179.68

E. Tool Sheds

10' to 14	699	\$3.00	\$13.43	\$53.84
15' to 17	2,183.37	\$5.90	\$25.50	\$98.92
18' to 20	5,246.00	\$11.88	\$50.40	\$191.93

SECTION 27: SURVEYING EQUIPMENT

A. Digging Tester

Battery

	2,129.99	\$30.51	\$130.44	\$500.73
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B. Interior Beam Lasers

Battery

Manual	4,710.99	\$22.80	\$93.39	\$342.63
Automatic	5,507.17	\$25.95	\$106.17	\$388.98

C. Laser Levels

Battery

90 Degree	60.61	\$0.48	\$2.17	\$8.79
Angle Finder	285	\$5.27	\$22.33	\$84.96
Laser Guided Wire Raceway Drill Fixture	286.52	\$5.28	\$22.36	\$85.05
Laser Shaft Alignment System	4,425.00	\$21.67	\$88.80	\$325.98
Line and Dot	619	\$6.59	\$27.69	\$104.41
Tape Measure	709	\$6.95	\$29.14	\$109.65
Tripod	171.18	\$4.82	\$20.51	\$78.33

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
D. Levels				
<i>Battery</i>				
Digital Protractor and Level	157.6	\$4.76	\$20.29	\$77.54
Builders; with Tripod	482.14	\$6.05	\$25.50	\$96.44
Transit with tripod	808.45	\$7.34	\$30.74	\$115.43
<i>Manual</i>				
2'	15	\$0.24	\$0.95	\$3.40
4'	28.97	\$0.34	\$1.36	\$4.84
6'	119.99	\$1.00	\$3.99	\$14.24
E. Locators				
<i>Electric</i>				
Ridgid SR-20 Locator	2,212.39	\$46.70	\$201.12	\$777.55
F. Pipe and Sewer Leveling Lasers				
<i>Electric</i>				
12V DC	10,416.97	\$45.40	\$185.00	\$674.81
G. Rotating Beam Grade Control Lasers				
<i>Battery</i>				
	10,018.87	\$43.82	\$178.61	\$651.64
H. Stud Finders				
<i>Battery</i>				
Battery Operated	339.18	\$5.48	\$23.20	\$88.11
I. Surveying Tools				
<i>Battery</i>				
Trimble RTS773	16,999.00	\$114.87	\$477.04	\$1,776.44
Trimble RTS873	18,000.00	\$114.87	\$477.04	\$1,776.44

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Trimble RTS655	20,500.00	\$130.82	\$541.60	\$2,010.16
Trimble TX6	29,500.00	\$171.82	\$707.57	\$2,610.99
Trimble SX10	39,900.00	\$219.21	\$899.35	\$3,305.27
Trimble SX12	47,145.00	\$252.21	\$1,032.95	\$3,788.94
J. Transit And Level - Total Station				
<i>Battery</i>				
	710	\$6.95	\$29.16	\$109.70
K. Transit With Tripod				
<i>Battery</i>				
	783.15	\$7.24	\$30.33	\$113.96
SECTION 28: TESTING EQUIPMENT				
A. A/V Testers				
<i>Battery</i>				
4K HDMI Test Generator	945	\$6.73	\$28.10	\$105.16
Audio Cable Tester	45.67	\$0.23	\$0.96	\$3.57
HDMI Cable Continuity Tester	78.68	\$0.38	\$1.57	\$5.78
IP CCTV Tester	678.99	\$5.52	\$23.19	\$87.40
B. Ac-Dc Volt-Ohm Milliammeter				
<i>Battery</i>				
	167.74	\$1.00	\$4.29	\$16.46
C. Air & Hydronic Balancing				
<i>Battery</i>				
Digital Transformer Ratiometer	2,995.00	\$19.72	\$81.91	\$305.12
Hydrometer, Digital	3,895.00	\$23.82	\$98.50	\$365.21
Thermometer, Single Input	339.99	\$1.79	\$7.46	\$27.96
Thermometers, Dial	94.23	\$0.45	\$1.86	\$6.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Battery				
3-Phase Ratio and Winding Resistance Analyzer	24,500.00	\$149.05	\$615.36	\$2,277.20
Manual				
Ammeter, Voltage	24.49	\$0.31	\$1.23	\$4.38
Pyrometer, Contact	35.44	\$0.39	\$1.54	\$5.51
Revolution Counter	135.79	\$1.11	\$4.44	\$15.87
Stop Watch	22.75	\$0.29	\$1.18	\$4.20
Stroboscope	487.42	\$3.65	\$14.61	\$52.18
Thermometers, Mercury	7.78	\$0.19	\$0.74	\$2.65
D. Air Balancing				
Battery				
Differential Pressure Manometer	179.99	\$1.06	\$4.51	\$17.27
Recorder, Temperature and Humidity	869.44	\$6.39	\$26.70	\$100.12
Manual				
Anemometers, Deflecting Vane	52.82	\$0.51	\$2.05	\$7.31
Anemometers, Rotating Vane	325.9	\$2.48	\$9.94	\$35.51
Flow Measuring Hoods	3,937.20	\$28.58	\$114.34	\$408.42
Magnehelic (Air Pressure) Gauges	245.22	\$1.90	\$7.61	\$27.17
Manometers, Combination	573.36	\$4.27	\$17.09	\$61.06
Manometers, Inclined	99.95	\$0.85	\$3.41	\$12.17
10"; Manometers, U-Tube	124.04	\$1.03	\$4.10	\$14.66
Pitot Tube	167.08	\$1.34	\$5.35	\$19.10
Psychrometer, Sling	89.1	\$0.77	\$3.09	\$11.05
E. Ammeters				
Battery				
0 to 100 amps; Clamp-On	154.31	\$0.94	\$4.04	\$15.56
0 to 300 amps; Clamp-On	100	\$0.69	\$3.04	\$11.93

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
0 to 800 amps; Clamp-On with Leads	304.56	\$1.63	\$6.81	\$25.59
0 to 1000 amps; Clamp-On	156.19	\$0.95	\$4.08	\$15.69
0 to 1000 amps; Recording	474.05	\$2.40	\$9.94	\$36.91
0 to 2000 amps	1,458.00	\$12.71	\$53.56	\$202.52
F. Anemometer Weather Meter				
<i>Battery</i>				
	149	\$1.75	\$7.30	\$27.34
G. Arc Reflection Radar				
<i>Battery</i>				
	9,160.00	\$55.07	\$228.25	\$848.17
H. Backflow Test Kits (RPZ)				
<i>Manual</i>				
Watts TK9A	2,607.60	\$28.19	\$112.76	\$402.76
I. Ballast and Lamp Tester				
<i>Battery</i>				
	113.3	\$0.76	\$3.28	\$12.82
J. Battery Testers				
<i>Battery</i>				
Battery Capacity Tester	28,000.00	\$164.99	\$679.91	\$2,510.85
Battery Cell Resistance Tester	9,669.00	\$57.39	\$237.63	\$882.15
Battery Safety Kits	125	\$0.81	\$3.50	\$13.60
Battery Spill Containment Kit	296	\$0.64	\$2.73	\$10.40
Battery Tester, 6/12V	351.98	\$1.84	\$7.69	\$28.76
Battery Tester/Conductance Meter	365	\$1.90	\$7.93	\$29.63
Battery Voltage Monitor	9,020.00	\$54.43	\$225.67	\$838.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
K. Cable Fault Locator				
<i>Battery</i>				
0 to 600 V	5,730.00	\$45.60	\$191.54	\$721.93
L. Cable Testers				
<i>Battery</i>				
Cable Length Meters	499.29	\$2.51	\$10.40	\$38.59
DSX Cable Analyzer	9,952.00	\$58.68	\$242.85	\$901.04
RJ45	49	\$0.25	\$1.02	\$3.80
	1,644.28	\$28.47	\$122.20	\$470.89
Cable Analyzer with Gigabit Multimode	9,115.00	\$54.87	\$227.42	\$845.16
M. Circuit Testing Ohmmeter				
<i>Battery</i>				
200 Meg.; 500 VDC	492.42	\$2.48	\$10.28	\$38.13
N. Data Logger Recorders				
<i>Battery</i>				
Data Logger Recorder	3,999.95	\$24.30	\$100.44	\$372.21
Meter, Dual Input Data Logger	351.99	\$1.84	\$7.69	\$28.76
O. Decibel Meter				
<i>Battery</i>				
	100	\$1.54	\$6.47	\$24.33
P. Digital Low Resistance Ohmmeters (Ductors)				
<i>Battery</i>				
10 amp	3,460.00	\$21.84	\$90.48	\$336.17
100 amp	7,273.93	\$46.48	\$193.47	\$722.26

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Q. Distance Measuring Instrument Dash Mount				
<i>Battery</i>				
	385	\$1.99	\$8.29	\$30.96
R. Dual Band Test Transmitter				
<i>Battery</i>				
	2,755.00	\$18.62	\$77.48	\$289.10
S. Duct Leak Test Kits				
<i>Electric</i>				
5"; E.g.: McGill	10,104.05	\$23.24	\$97.13	\$364.24
8"; E.g.: McGill	18,892.73	\$41.52	\$172.68	\$643.96
T. Dynamometer, 10K lbs				
<i>Battery</i>				
	1,300.00	\$27.03	\$116.35	\$449.74
U. Eatons DIGItrip Optimizer				
<i>Battery</i>				
	1,099.99	\$11.08	\$46.96	\$178.62
V. Electrical Testers				
<i>Battery</i>				
Ammeter, Recording	360.64	\$1.88	\$7.85	\$29.34
Circuit Breaker Functional Test Kit	123.5	\$0.80	\$3.47	\$13.50
Circuit Breaker Trip Unit Test Kit	12,000.00	\$92.10	\$384.86	\$1,442.72
Digital Electrostatic Meter	716	\$5.69	\$23.87	\$89.87
Digital Forecast SDI Tester	1,199.00	\$11.53	\$48.79	\$185.23
Earth Tester	881.09	\$6.44	\$26.92	\$100.89
GFCI and Circuit Tester	291.44	\$1.57	\$6.57	\$24.72
GFI Trip Analyzer Meter	264.96	\$1.45	\$6.08	\$22.95
Ground Fault Locator	1,189.86	\$11.49	\$48.62	\$184.62
HV Proximity Tester	204.95	\$1.17	\$4.97	\$18.94

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
HV Tester	2,950.00	\$19.51	\$81.08	\$302.12
Insulation Tester, 500 VDC	545.94	\$4.92	\$20.74	\$78.52
Light meter	353.68	\$1.85	\$7.72	\$28.87
Megohmmeter	133.06	\$0.85	\$3.65	\$14.14
Meter, 40KV Proximity/Contact Tester	736	\$5.78	\$24.24	\$91.21
150 -600 V; Meter, Flex AC Current Probe 3000A	649.99	\$5.39	\$22.66	\$85.47
150 -600 V; Meter, Flex AC Current Probe 6000A	779.99	\$5.98	\$25.05	\$94.14
Meter, Inductive Locator	770.26	\$5.94	\$24.88	\$93.49
Meter, Leakage Current	285	\$1.54	\$6.45	\$24.29
Meter, Megger 10KV	5,699.99	\$39.31	\$164.44	\$617.18
Meter, Particulate	4,875.00	\$28.28	\$116.58	\$430.63
Meter, PH/MV Simulator	169	\$1.01	\$4.31	\$16.54
Meter, Process	1,059.99	\$10.90	\$46.23	\$175.95
Meter, Split Jaw	223.51	\$1.26	\$5.32	\$20.18
Meter, Transformer and Capacitor	619.86	\$5.25	\$22.10	\$83.45
Meter, Wire Finder	294.65	\$1.58	\$6.63	\$24.93
Multifunction Process Calibrator	2,999.99	\$19.74	\$82.00	\$305.46
Portable Circuit Breaker Tester	12,600.00	\$94.83	\$395.92	\$1,482.77
Power Factor Meter	360.55	\$1.88	\$7.84	\$29.33
Relay Tester, Multi-Phase	60,220.05	\$311.78	\$1,274.06	\$4,661.80
Rotation Tester	182.56	\$1.07	\$4.56	\$17.45
Transformer Ohmmeter	9,200.00	\$55.25	\$228.99	\$850.84
15kV Class; Very Low Frequency (Vlf) Hi Potential Test Set	22,400.00	\$139.48	\$576.64	\$2,137.00
0 to 80kV; Volt Meter	1,784.95	\$14.20	\$59.59	\$224.34
130 to 260 V; Voltmeter, Dual Range	2,118.45	\$15.72	\$65.74	\$246.61
Voltmeter, Recording	478.06	\$3.96	\$16.39	\$60.93
130 to 520 V; Voltmeter, Three Range	2,892.93	\$19.25	\$80.03	\$298.31
150 -600 V; Voltmeter, Three Range	3,413.94	\$21.63	\$89.63	\$333.09
Wattmeter	3,712.99	\$22.99	\$95.15	\$353.06

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Electric				
Digital Multimeter, 6 1/2 Digit, Truevolt DMM	1,857.80	\$14.54	\$60.94	\$229.21
Transformer Winding Resistance Test Set	3,188.00	\$20.60	\$85.47	\$318.01
W. Ethernet Wire Mapping Tester				
Battery				
	450	\$2.29	\$9.49	\$35.30
X. Gas Detectors				
Battery				
Analog, 1 Gas	64.7	\$0.32	\$1.31	\$4.85
Confined Space, LCD, 4 Gas	2,260.34	\$16.37	\$68.36	\$256.08
Portable, LCD, 1 Gas	245.46	\$1.36	\$5.72	\$21.65
Portable, LCD, 2 Gas	614.56	\$5.23	\$22.00	\$83.10
Portable, LCD, 3 Gas	706.5	\$5.65	\$23.70	\$89.24
Portable, LCD, 4 Gas	1,121.74	\$11.18	\$47.36	\$180.07
Y. Glassbreak Simulator				
Battery				
	57.5	\$1.37	\$5.75	\$21.72
Z. Handheld Cameras				
Battery				
10 mg pixels; Infrared Camera, Pocket Size	699	\$5.61	\$23.56	\$88.74
10 mg pixels; Infrared Camera, Telephoto Lens	995	\$6.96	\$29.02	\$108.50
10 mg pixels; Infrared Camera, Wide Angle Lens	995	\$6.96	\$29.02	\$108.50
10 mg pixels	119.99	\$0.79	\$3.41	\$13.27
AA. Handheld Infrared Thermometers				
Battery				
-30 to 500C	251.03	\$1.38	\$5.82	\$22.02

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AB. Hipot Testers				
<i>Battery</i>				
5 KV	1,399.00	\$12.45	\$52.48	\$198.58
100 KV	16,097.66	\$110.77	\$460.42	\$1,716.27
AC. Hydronic Balancing				
<i>Battery</i>				
Manometer, Alnor HM-680	3,417.00	\$21.64	\$89.69	\$333.30
Manometer, Digital	185	\$1.08	\$4.61	\$17.61
Manometer, Dwyer 490.3	802	\$6.08	\$25.46	\$95.61
<i>Manual</i>				
Gauges, Compound Test	69.46	\$0.63	\$2.53	\$9.02
Gauges, Pressure Test	37.54	\$0.40	\$1.60	\$5.73
36"; Manometer, U-Tube	125.3	\$1.04	\$4.14	\$14.79
18"; Manometer, Well Type	865	\$6.38	\$25.53	\$91.18
AD. Light Testers				
<i>Battery</i>				
Gas Lamp Tester	347.21	\$1.82	\$7.60	\$28.44
Lamp Tester	161.36	\$0.97	\$4.17	\$16.03
AE. Miscellaneous Test Equipment				
<i>Battery</i>				
Air Flow Hood	3,998.40	\$24.29	\$100.41	\$372.11
Carbon Monoxide Meter	797.07	\$6.06	\$25.37	\$95.28
Combustible Gas Leak Detector	289.32	\$1.56	\$6.53	\$24.57
Dead Weight Pressure Tester	10,701.60	\$86.18	\$360.91	\$1,356.04
Oil Combustion Test Analyzer	977.16	\$6.88	\$28.69	\$107.31

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AF. Oscilloscopes				
<i>Battery</i>				
2 Channel, 20 Mhz Bandwidth	1,747.01	\$14.03	\$58.89	\$221.81
AG. Phase Sequence Indicators				
<i>Battery</i>				
Lamp	171.15	\$1.02	\$4.35	\$16.68
Rotation	1,275.00	\$11.88	\$50.19	\$190.30
AH. Phasing Meter, 40kV				
<i>Battery</i>				
	2,312.75	\$16.61	\$69.33	\$259.58
AI: Potential Transformers				
<i>Electric</i>				
Portable	589.57	\$5.11	\$21.54	\$81.43
AJ. Primary Injection Test Sets				
<i>Electric</i>				
up to 200 amps	5,700.00	\$39.31	\$164.44	\$617.18
up to 4,000 amps	22,860.00	\$141.57	\$585.12	\$2,167.71
up to 40,000 amps	80,040.00	\$402.08	\$1,639.55	\$5,984.95
AK. RF Satellite Tester				
<i>Battery</i>				
	8,715.81	\$53.05	\$220.06	\$818.51
AL. Speed Indicator				
<i>Battery</i>				
	8,085.00	\$55.48	\$231.51	\$866.62

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AM. Tachometers				
<i>Battery</i>				
1 Row; Resonant Reed	149	\$0.92	\$3.94	\$15.21
2 Row; Resonant Reed	305	\$1.63	\$6.82	\$25.62
AN. Test Meters				
<i>Battery</i>				
Sound Meter, Analog	265.99	\$1.45	\$6.10	\$23.02
Sound Meter, Digital	304	\$1.62	\$6.80	\$25.55
Vibration Meters	1,169.42	\$11.40	\$48.24	\$183.25
AO. Tone Tracers				
<i>Battery</i>				
	39.97	\$0.21	\$0.86	\$3.19
AP. Transformer Turns Ratio Test Set				
<i>Battery</i>				
	3,419.60	\$21.65	\$89.74	\$333.47

SECTION 29: TOOLS

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

A. Acetylene Torches

Gasoline

5" Cutting Size	532.46	\$3.72	\$15.24	\$55.92
6" Cutting Size	631.45	\$4.37	\$17.86	\$65.34

B. Adhesive Applicators

Battery

60"; 1/3 hp	636.3	\$19.78	\$90.33	\$369.02
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C. Band Saws

Battery

3-1/2"; Portable, Var Speed	541.47	\$7.46	\$33.73	\$136.57
4-3/4"; Portable, 2 speed	546.73	\$5.74	\$26.06	\$105.92

Electric

5"; Horizontal Metal Cutting	5,999.99	\$44.65	\$202.71	\$823.91
5"; Wet and Dry, metal cut	1,712.73	\$14.66	\$66.78	\$272.34
6"; Horizontal Metal Cutting	6,599.99	\$48.70	\$221.14	\$898.92
6"; Horizontal Wet Metal Cutting	5,861.56	\$40.15	\$183.88	\$753.25
12"; 3-speed, metal cut; Horizontal/Vertical	1,576.05	\$14.77	\$66.82	\$270.77
20"; Wood or Metal, Vertical	3,100.58	\$25.06	\$113.62	\$461.29

D. Bench Grinders

Electric

6"	119	\$1.52	\$7.07	\$29.38
6"; with stand	312.89	\$2.39	\$10.63	\$42.30
7"	459	\$3.01	\$13.10	\$51.31
7"; with stand	509	\$3.14	\$13.67	\$53.36
8"	169	\$1.78	\$8.13	\$33.20
8"; with stand	580	\$3.45	\$14.91	\$57.87
10"	569	\$3.53	\$15.25	\$59.11
10"; with stand	780.81	\$4.48	\$19.11	\$73.14

Owning & Operating Rate				
	Est. Price \$	Day \$	Week \$	Month \$
E. Benders				
<i>Electric</i>				
1/2" to 1"; Conduit Bender to Ratchet	1,813.28	\$6.41	\$26.00	\$94.27
1" to 1-1/2"; Conduit Bender to Ratchet	4,998.00	\$18.15	\$73.57	\$266.75
1/2" to 2"; Mech. Benders to EMT/Conduit	1,813.28	\$6.59	\$26.69	\$96.78
1/2" to 2"; EMT Bender to Ratchet	9,149.48	\$39.57	\$162.32	\$596.56
1/2" to 2"; Conduit Bender, Electric	4,500.00	\$12.15	\$49.26	\$178.59
1-1/2" to 2"; Conduit Bender Shoe	2,000.00	\$19.20	\$81.13	\$307.73
F. Cable Hoists				
<i>Manual</i>				
440 to 880 lbs	171.25	\$1.09	\$4.90	\$19.69
G. Cable Winches				
<i>Electric</i>				
	3,642.00	\$13.94	\$58.51	\$220.33
<i>Manual</i>				
	1,104.62	\$3.96	\$16.40	\$60.91
H. Chain Saws				
<i>Electric</i>				
14"	56.45	\$5.77	\$24.27	\$91.67
18"	109.88	\$6.72	\$28.10	\$105.40
20"	399.99	\$16.50	\$70.58	\$271.03
<i>Battery</i>				
16"	69.98	\$6.01	\$25.24	\$95.15

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
14"	189.99	\$8.10	\$33.65	\$125.26
16"	299	\$10.03	\$41.35	\$152.85
18"	329.99	\$10.57	\$43.54	\$160.69
20	499.99	\$18.19	\$77.38	\$295.46
24"	539.99	\$18.83	\$79.95	\$304.68
23"	499.99	\$19.37	\$83.25	\$321.30
40	1,882.00	\$36.12	\$152.51	\$578.10
I. Chipping Hammers				
Hydraulic				
1/2 to 3/4"	504.94	\$7.95	\$33.07	\$123.29
1 to 1-1/4"	932.14	\$11.22	\$46.27	\$170.97
1-1/2" to 1-3/4"	954.38	\$11.39	\$46.95	\$173.45
2" and over	1,126.25	\$12.71	\$52.26	\$192.64
J. Chisel Point				
1"	35.83	\$0.36	\$1.45	\$5.30
3"	38.81	\$0.39	\$1.57	\$5.74
5"	58.97	\$3.08	\$13.33	\$51.77
K. Clamps				
Beam Anchor, Fixed	495.13	\$1.70	\$6.86	\$24.78
L. Concrete Saws				
Gasoline				
0 to 10 hp	2,325.93	\$47.80	\$194.42	\$707.98
11 to 18 hp	7,539.50	\$154.49	\$631.35	\$2,311.13
19 to 36 hp	7,623.34	\$156.92	\$642.86	\$2,358.71
37 hp and over	19,586.10	\$350.19	\$1,424.67	\$5,189.27

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
M. Cordless Metal Shears				
<i>Battery</i>				
18 ga.	613.23	\$8.26	\$34.08	\$126.06
Reversible Lt Duty	178.38	\$4.40	\$18.59	\$70.56
Standard	191.55	\$4.51	\$19.04	\$72.16
2-Spd, Rev., H.D.	369.93	\$6.01	\$25.08	\$93.91
N. Crimping Tool				
	4,674.59	\$45.53	\$184.05	\$665.42
6 ton	1,725.00	\$18.95	\$76.84	\$278.66
12 ton	4,000.00	\$39.45	\$159.55	\$577.02
O. Cut-Off Machines				
<i>Electric</i>				
0 to 4"	1,116.50	\$4.00	\$17.30	\$67.22
0 to 4"; Pipe/Conduit Cutter	4,452.81	\$13.47	\$56.59	\$213.42
0 to 5"	341.04	\$1.99	\$9.11	\$37.38
P. Cut-Off/Chop Saws				
<i>Electric</i>				
12"	1,295.32	\$25.48	\$107.33	\$405.86
14"	1,876.75	\$32.05	\$133.74	\$500.80
16"	1,932.47	\$33.74	\$141.57	\$533.23
14"; For Abrasive Metal Cutting	632.05	\$8.54	\$34.57	\$125.16
16"; For Abrasive Metal Cutting	947.46	\$11.82	\$47.78	\$172.68
Q. Cutters				
<i>Hydraulic</i>				
1-1/2" to 6"; Glass	1,353.08	\$14.24	\$57.81	\$209.94
1/8" to 1-1/4"; Pipe and Conduit	595.25	\$7.31	\$29.69	\$107.95
2-1/4" to 4"; Pipe and Conduit	3,867.77	\$27.43	\$111.10	\$402.46
4" to 6"; Pipe and Conduit	1,532.31	\$16.28	\$65.89	\$238.42
1/2" to 2"; Saran	2,284.26	\$22.59	\$91.51	\$331.53
2" to 6"; Saran	3,884.60	\$38.66	\$156.19	\$564.18

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
2" to 6"; Soil Pipe; Mechanical	1,064.67	\$11.83	\$47.93	\$173.66
6" to 12"; Soil Pipe	2,216.48	\$22.79	\$92.15	\$333.17
6" to 18"; Soil Pipe	3,197.25	\$32.12	\$129.80	\$468.99
24"; Soil Pipe	3,547.52	\$35.46	\$143.25	\$517.50
4" to 8"; Transite; Reed ACC-2	1,444.51	\$15.45	\$62.52	\$226.26
8" to 16"; Transite; Reed ACC-3	1,631.02	\$17.22	\$69.68	\$252.09

R. Die Grinders

	299	\$4.44	\$18.39	\$68.25
	174	\$0.62	\$2.49	\$9.05

S. Digging And Tamping Bars

	111.78	\$0.94	\$3.75	\$13.39
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T. Electric Circular Hand Saws

Battery

7-1/4"; Skil Type	285.98	\$4.22	\$17.19	\$62.69
9-1/4"; Skil Type	394.28	\$5.07	\$20.63	\$75.10
6-1/2"; Skil Type	482.59	\$5.77	\$23.43	\$85.21
8"; Skil Type	529.91	\$6.14	\$24.93	\$90.63

Electric

10"	469.89	\$5.45	\$22.16	\$80.60
10-1/4"	473.54	\$5.45	\$22.16	\$80.60

U. Electric Impact Wrenches

Battery

1/2"	334.46	\$5.94	\$24.83	\$93.11
3/4"	599	\$9.41	\$38.92	\$144.27
1"	899	\$9.41	\$38.92	\$144.27
Liongun 25	2,495.00	\$18.06	\$74.01	\$271.69
Liongun 70	3,999.00	\$26.49	\$108.25	\$396.00

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
V. Explosive Actuated Tools				
Hammer Operated Tool	28.98	\$2.22	\$9.85	\$39.17
1/4"; Trigger Tool	233.1	\$4.29	\$18.17	\$69.08
3/8"; Trigger Tool	233.1	\$4.29	\$18.17	\$69.08
25 Caliber; Barrel and Gun; 1.5" Max Length	332.75	\$5.30	\$22.22	\$83.68
27 Caliber; Barrel and Gun; 2.5" Max Length	598.95	\$7.99	\$33.07	\$122.69
27 Caliber; Barrel and Gun; 3" Max Length	635.25	\$8.36	\$34.55	\$128.01
W. Fasteners, Powder Actuated				
<i>Electric</i>				
1/2" to 2-1/2"	235.13	\$2.24	\$9.17	\$33.53
X. Freeze Kits				
<i>Electric</i>				
Ridgid SF-2500 Superfreeze	3,290.06	\$37.15	\$153.45	\$568.05
Y. Furnaces				
<i>Kerosene</i>				
fuel not included	584.89	\$10.90	\$44.06	\$159.29
Z. Gang Boxes				
<i>Manual</i>				
30"L X 14"H X 18"W	639.57	\$1.34	\$5.36	\$19.15
36"L X 19.5"H X 17"W	672.09	\$1.41	\$5.63	\$20.13
42"L X 23"H X 20"W	748.27	\$1.57	\$6.27	\$22.41
47"L X 33"H X 30"W	831.8	\$1.74	\$6.97	\$24.91
48"L X 27"H X 24"W	1,380.20	\$2.89	\$11.57	\$41.33
60"L X 27"H X 24"W	1,333.50	\$2.79	\$11.18	\$39.93
72"L X 27"H X 24"W	1,853.99	\$3.88	\$15.54	\$55.52
47.5 cu. ft.	1,250.00	\$2.49	\$9.95	\$35.55
59.4 cu. ft.	2,200.00	\$4.38	\$17.51	\$62.57

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AA. Glyder Sliding Beam Anchors				
14"; Anchor, Beam Glyder 14"	382.5	\$1.31	\$5.30	\$19.14
30"; Anchor, Beam Glyder 12" to 30"	440.25	\$1.51	\$6.10	\$22.03
AB. Hand Held Grinders				
<i>Electric</i>				
7"; Angle Grinders	403.37	\$3.94	\$17.34	\$68.41
7"; Sanders	326.35	\$3.42	\$15.17	\$60.37
5"; Straight Grinders	497.03	\$5.73	\$24.62	\$94.87
5"; Straight Grinders; Portable	412.83	\$4.97	\$21.46	\$83.26
5"; Tuck Point	375	\$3.75	\$16.54	\$65.45
5"; Angle Grinders	239.19	\$2.82	\$12.71	\$51.27
9"; Angle Grinders	415.54	\$4.03	\$17.68	\$69.68
9"; Sanders	330.4	\$3.45	\$15.28	\$60.79
6"; Straight Grinders	616.21	\$5.39	\$23.33	\$90.63
AC. Hand-Held Tampers				
<i>Air</i>				
	1,250.00	\$9.02	\$36.91	\$135.29
<i>Gasoline</i>				
	1,950.00	\$13.12	\$53.81	\$197.75
AD. Heat Guns				
<i>Electric</i>				
Corded	164	\$5.82	\$24.77	\$94.58
with Battery	299	\$5.92	\$24.58	\$91.52

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AE. Hole Saw Kits				
<i>Manual</i>				
3/4" to 2-1/2"	106.04	\$1.22	\$4.91	\$17.69
AF. Hydraulic Benders				
<i>Electric</i>				
1-1/4" to 4"; Combination to 1 hp Power Pump	5,216.67	\$24.58	\$101.70	\$377.29
1-1/4" to 5"; Combination to 1 hp Power Pump	16,521.58	\$81.53	\$335.28	\$1,235.39
1-1/4" to 4"; Combination to 1/2 hp Power Pump	6,784.04	\$30.27	\$124.77	\$460.94
1-1/4" to 4"; Combination-1-1/2 hp Power Pump	7,154.25	\$31.61	\$130.22	\$480.70
1-1/4" to 5"; Combination-1-1/2 hp Power Pump	17,696.81	\$85.80	\$352.58	\$1,298.12
2-1/2" to 4"; EMT Bender to 1 hp Power Pump	18,148.67	\$87.44	\$359.23	\$1,322.23
2-1/2" to 4"; EMT Bender-1-1/2 hp Power Pump	10,470.43	\$43.66	\$179.03	\$657.69
1/2" to 2"; One Shot to 1 hp Power Pump	7,446.89	\$32.67	\$134.53	\$496.32
1-1/4" to 4"; One Shot to 1 hp Power Pump	13,470.76	\$54.55	\$223.20	\$817.82
1/2" to 2"; One Shot to 1/2 hp Power Pump	7,103.57	\$31.43	\$129.47	\$477.99
1/2" to 2"; One Shot to 1-1/2 hp Power Pump	8,622.12	\$36.94	\$151.83	\$559.04
1-1/4" to 4"; One Shot to 1-1/2 hp Power Pump	15,627.62	\$78.28	\$322.12	\$1,187.68
1-1/4" to 4"; Segment to 1 hp Power Pump	10,108.68	\$42.34	\$173.71	\$638.38
1-1/4" to 4"; Segment to 1-1/2 hp Power Pump	11,283.91	\$46.61	\$191.01	\$701.10
1-1/4" to 4"; Segment-1/2 hp Power Pump	9,765.36	\$38.07	\$156.28	\$574.89

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Hydraulic				
1-1/4" to 6"; One Shot to 3 hp Power Pump	28,009.86	\$301.02	\$1,219.53	\$4,419.53
Manual				
Bending Table	3,906.49	\$19.90	\$80.44	\$290.80
0 to 1" x 6"; Bus Bar Attachment	71.46	\$1.84	\$8.84	\$37.73
0 to 3/4" x 4"; Bus Bar Attachment	306.73	\$3.17	\$14.34	\$58.04
1-1/4" to 4"; Combination to Hand Pump	4,875.33	\$29.08	\$121.13	\$452.56
1-1/4" to 5"; Combination to Hand Pump	12,932.91	\$74.76	\$309.47	\$1,148.37
2-1/2" to 4"; EMT Bender to Hand Pump	14,296.90	\$82.50	\$341.35	\$1,266.15
IMC Attachment	2,836.16	\$16.10	\$65.34	\$237.14
IMC to EMT Attachment	1,783.75	\$10.81	\$43.99	\$160.22
1/2" to 2"; One Shot to Hand Pump	3,858.22	\$23.31	\$97.35	\$364.73
1-1/4" to 4"; One Shot to Hand Pump	12,077.38	\$69.91	\$289.47	\$1,074.49
1/2" to 3"; Segment to Hand Pump	1,693.14	\$11.03	\$46.75	\$177.76
1-1/4" to 5"; Segment to Hand Pump	3,149.34	\$19.29	\$80.78	\$303.51
AG. Insulated Tool Sets				
HV Insulated Allen Set	399.33	\$1.31	\$5.25	\$18.75
HV Insulated Nut Driver Set	200.65	\$0.66	\$2.64	\$9.42
HV insulated Screwdriver	171.85	\$0.56	\$2.26	\$8.07
HV Insulated Socket Set	949.1	\$3.12	\$12.47	\$44.57
AH. Insulation Cutters				
Hydraulic				
48"	355.11	\$7.03	\$28.95	\$106.87
60"	491.53	\$8.33	\$34.19	\$125.76
60"; with slitting	2,852.66	\$30.79	\$124.83	\$452.75

AI. Insulation Fastening Hammers	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Air</i>				
Single Nail Hammer	48.59	\$0.48	\$1.92	\$6.87
100 to 150 Nail Gun	55.5	\$0.66	\$2.92	\$11.48
AJ. Jacks				
<i>Hydraulic</i>				
5 to 15 tons; House Jacks	599.99	\$4.39	\$18.11	\$67.00
20 to 30 tons; House Jacks	912.45	\$8.46	\$35.29	\$132.04
1 to 5 tons; Hydraulic Bottle	206.55	\$2.03	\$8.47	\$31.72
6 to 8 tons; Hydraulic Bottle	242.33	\$2.25	\$9.35	\$34.92
11 to 12 tons; Hydraulic Bottle	384.38	\$3.10	\$12.83	\$47.66
13 to 20 tons; Hydraulic Bottle	415.24	\$3.28	\$13.58	\$50.43
21 to 25 tons; Hydraulic Bottle	378.59	\$6.03	\$25.42	\$96.16
26 to 30 tons; Hydraulic Bottle	912.45	\$8.46	\$35.29	\$132.04
31 to 35 tons; Hydraulic Bottle	2,195.55	\$13.98	\$57.73	\$213.57
36 to 50 tons; Hydraulic Bottle	2,988.09	\$17.48	\$71.92	\$265.14
0 to 1-1/2 tons; Hydraulic Ram	84.99	\$1.30	\$5.50	\$20.81
3 to 5 tons; Hydraulic Ram	467.87	\$3.60	\$14.87	\$55.15
8 to 10 tons; Hydraulic Ram	294.14	\$2.56	\$10.62	\$39.57
12 to 20 tons; Hydraulic Ram	1,052.02	\$7.09	\$29.17	\$107.53
30 to 30 tons; Hydraulic Ram	3,396.62	\$21.13	\$86.58	\$317.79
50 to 50 tons; Hydraulic Ram	5,607.34	\$29.84	\$122.10	\$447.51
100 tons; Hydraulic Ram	1,854.34	\$11.40	\$47.30	\$175.97
0 to 15 tons; Locomotive	1,879.29	\$12.04	\$49.43	\$181.72
16 to 20 tons; Locomotive	2,609.99	\$16.42	\$67.32	\$247.24
0 to 5 tons; Single Acting Jack, Ratchet Lowering	1,531.95	\$9.97	\$40.93	\$150.57
6 tons to 10 tons; Single Acting Jack, Ratchet Lowering	837.2	\$5.81	\$23.91	\$88.27
11 ton to 15 tons; Single Acting Jack, Ratchet Lowering	149.99	\$1.69	\$7.09	\$26.64
16 tons to 20 tons; Single Acting Jack, Ratchet Lowering	1,550.00	\$10.07	\$41.37	\$152.19
21 ton to 25 tons; Single Acting Jack, Ratchet Lowering	2,341.47	\$14.97	\$61.71	\$228.06

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AK. Jig/Reciprocating Hand Saws				
<i>Electric</i>				
Dual Range Reciprocating	133	\$2.21	\$9.09	\$33.59
Jig Saw, Portable	99	\$2.05	\$8.46	\$31.28
Pipe Clamp for Saw	434.07	\$13.94	\$59.87	\$230.90
Power Hack Saw-Reciprocating	199	\$2.51	\$10.33	\$38.06
Sabre Saw, Portable	129	\$2.19	\$9.02	\$33.32
Sabre Saw; 2-Speed	119	\$2.14	\$8.83	\$32.64
Sabre Saw; 4-Speed	374.3	\$3.00	\$12.32	\$45.33
Saw, Portaband Battery	359	\$3.25	\$13.32	\$48.90
AL. Lathes				
<i>Electric</i>				
Wood Working	899.99	\$6.77	\$29.08	\$112.16
Metal Working	3,795.22	\$22.40	\$91.87	\$337.61
AM. Manual Torque Screwdriver-Adjustable				
<i>Manual</i>				
2" to 36"	281.4	\$0.92	\$3.70	\$13.21
10" to 50"; Insulated	289.8	\$0.95	\$3.81	\$13.61
30" to 80"; Insulated	233.1	\$0.77	\$3.06	\$10.95
AN. Manual Torque Screwdriver-Non-Adjustable				
<i>Manual</i>				
3" to 15"	233.1	\$0.77	\$3.06	\$10.95
2" to 36"	281.4	\$0.92	\$3.70	\$13.21
AO. Masonry/Tile Saws				
<i>Electric</i>				
14"; Portable	1,089.00	\$11.49	\$51.89	\$209.95
14"; Table Type	3,457.62	\$27.48	\$124.63	\$506.07
20	4,386.06	\$33.75	\$153.15	\$622.14

AP. Mechanical Benders	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Manual				
1/2"; Conduit Bender to Manual	65	\$0.22	\$0.90	\$3.25
3/4"; Conduit Bender to Manual	80	\$0.27	\$1.11	\$4.00
1"; Conduit Bender to Manual	100	\$0.34	\$1.38	\$5.00
1/2"; EMT Bender to Manual	1,813.28	\$6.21	\$25.11	\$90.75
3/4"; EMT Bender to Manual	1,813.28	\$6.21	\$25.11	\$90.75
1"; EMT Bender to Manual	1,813.28	\$6.21	\$25.11	\$90.75
AQ. Moil Points				
Manual				
0 to 14"	24.31	\$0.31	\$1.22	\$4.36
18"	28.88	\$0.34	\$1.35	\$4.83
24"	38.66	\$0.41	\$1.64	\$5.84
AR. Nut Splitters				
Hydraulic				
Less Pump	339.1	\$4.93	\$20.08	\$73.18
AS. Paving Breakers				
Electric				
0 to 40 lbs; without accessories	1,070.00	\$21.95	\$90.80	\$336.71
0 to 40 lbs; with accessories	2,008.00	\$36.87	\$150.61	\$550.89
56 to 70 lbs; without accessories	1,949.21	\$31.41	\$127.56	\$463.41
80 to 90 lbs; without accessories	1,380.00	\$23.40	\$95.42	\$348.36
Gasoline				
56 to 70 lbs	3,500.00	\$178.64	\$808.50	\$3,276.68
AT. Phoenix Rod Ovens				
Electric				
	699.12	\$5.39	\$22.91	\$87.32

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AU. Pin Spotters				
<i>Electric</i>				
Manual Type; Compact Bench	1,899.00	\$8.34	\$35.59	\$136.26
Manual Type; Portable Gun	699	\$3.99	\$17.96	\$72.47
Manual Type; Portable Wheel Mtd.	3,899.00	\$13.49	\$56.41	\$211.65
Automatic Type; Auto. Rolling Head	10,900.00	\$56.76	\$254.89	\$1,025.94
Automatic Type; Automatic Stationary	6,795.00	\$42.13	\$192.66	\$788.11
AV. Pittsburgh Seam Closers				
<i>Electric</i>				
	3,650.00	\$27.83	\$114.34	\$421.01
AW. Pressure Washers Cold				
<i>Gasoline</i>				
700 psi; 3 GPM	2,201.75	\$38.03	\$160.20	\$605.80
1,000 psi; 2 GPM	389.99	\$28.08	\$120.08	\$461.20
1,000 psi; 5 GPM	2,449.44	\$40.82	\$172.74	\$656.26
1,200 psi; 4 GPM	1,744.96	\$35.32	\$149.29	\$566.49
2,000 psi; 4 GPM	2,374.32	\$40.43	\$171.22	\$650.98
2,200 psi; 5 GPM	2,757.01	\$44.04	\$187.07	\$713.46
1,000 psi; 10 GPM	3,415.81	\$47.88	\$202.44	\$768.54
3,000 psi; 4 GPM	2,843.30	\$44.56	\$189.13	\$720.89
3,000 psi; 5 GPM	4,663.37	\$57.58	\$243.81	\$926.81
3,000 psi; 7 GPM	5,792.16	\$67.86	\$288.68	\$1,102.77
5,000 psi; 7 GPM	10,242.40	\$96.93	\$408.43	\$1,544.99
AX. Pressure Washers Hot				
<i>Gasoline</i>				
1,000 PSI; 4 GPM	8,144.15	\$74.64	\$309.07	\$1,147.74
3,000 psi; 4 GPM	8,851.67	\$81.97	\$341.63	\$1,277.57
3,000 psi; 5 GPM	10,552.00	\$92.50	\$384.49	\$1,433.80
3,000 PSI; 6 GPM	12,460.30	\$107.39	\$447.99	\$1,676.87

AY. Pulling Tools	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
25'; Spring Fish Tape	22.56	\$0.78	\$3.84	\$16.71
100'; Polyethylene Fish Tape	177.83	\$1.22	\$5.62	\$23.12
AZ. Radial Arm Saws				
<i>Electric</i>				
12"; Wood Cutting	3,799.76	\$25.86	\$107.61	\$401.80
14"; Wood Cutting	5,638.66	\$31.73	\$131.53	\$488.95
16"; Wood Cutting	6,222.19	\$33.60	\$139.12	\$516.60
16"; Metal Cutting	8,578.37	\$41.13	\$169.76	\$628.26
20"; Metal Cutting	9,835.85	\$45.15	\$186.12	\$687.85
AAA. Reel Cart or Stand				
30"	194.07	\$0.92	\$4.02	\$15.70
AAB. Rubber Insulating Equipment				
Insulated Hand tools Set	1,975.89	\$22.11	\$89.44	\$323.66
AAC. Rubber Insulating Line Hose				
Rating: Class 2, Size: 4' x 1-1/2"	269.5	\$2.96	\$11.84	\$42.29
AAD. Rubber Insulating Matting				
Linear Yard	95	\$0.31	\$1.25	\$4.46
AAE. Rubber Insulating Sleeves				
Size: Regular	366.01	\$1.20	\$4.81	\$17.19

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AAF. Sanders				
<i>Electric</i>				
1/2" x 18"; Belt Sander	44.36	\$1.60	\$7.64	\$32.42
1-1/8" x 21"; Belt Sander	240.09	\$3.39	\$14.98	\$59.42
3" x 24"; Belt Sander	300.76	\$3.94	\$17.26	\$67.79
4.5" x 9" Pad; Orbital	719	\$7.76	\$32.94	\$125.50
AAG. Shears & Nibblers				
<i>Electric</i>				
16 ga.; Metal Shears	551.34	\$3.23	\$14.29	\$56.74
12 ga.; Metal Shears	608.1	\$3.46	\$15.27	\$60.42
16 ga.; Nibblers	1,013.50	\$5.13	\$22.26	\$86.67
8 ga.; Nibblers	1,682.41	\$7.89	\$33.79	\$129.99
AAH. Single Impeller Impact Breakers				
<i>Electric</i>				
41 to 55 pound; without accessories	1,970.00	\$47.05	\$194.46	\$720.45
41 to 55 pound; with accessories	2,085.00	\$47.46	\$196.12	\$726.50
AAI. Socket Wrenches				
1/4"	231	\$0.79	\$3.20	\$11.56
1/2"	249.97	\$13.05	\$56.31	\$218.10
AAJ. Spade				
	28.65	\$0.27	\$1.09	\$3.89
AAK. Steel Lettering Dies				
	175.66	\$1.22	\$5.24	\$20.25

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
AAL. Table Saws				
<i>Electric</i>				
8"	1,177.57	\$6.44	\$26.94	\$101.07
10"; Tilting Arbor	2,107.01	\$9.30	\$38.54	\$143.21
AAM. Tarpaulins				
200 Sq. ft	113.98	\$0.95	\$3.81	\$13.62
400 Sq. ft	227.92	\$1.78	\$7.11	\$25.39
AAN. Tool Cleaners, Steam Vapor				
<i>Electric</i>				
70 gph; Portable or Stationary	4,705.00	\$55.71	\$228.02	\$835.78
150 gph; Portable or Stationary	6,825.00	\$70.60	\$287.95	\$1,051.42
200 gph; Portable or Stationary	9,415.00	\$88.78	\$361.16	\$1,314.87
AAO. Torque Wrench				
	584.89	\$2.00	\$8.10	\$29.27
AAP. Trash Bin Gondola-Tilt Truck				
	1,109.00	\$2.21	\$8.83	\$31.54
AAQ. Tristand Vise				
	275.7	\$1.50	\$6.74	\$27.15
AAR. Vacuum Cleaners Wet/Dry Type				
<i>Electric</i>				
6 gallon	323.82	\$3.22	\$14.36	\$57.50
10 gallon	622.26	\$4.86	\$20.98	\$81.41
15 gallon	907.5	\$6.43	\$27.31	\$104.26

AAS. Vises	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
3.5"; Combination (Machinists with Pipe)	447.19	\$1.99	\$8.71	\$34.23
4.5"; Combination (Machinists with Pipe)	611.16	\$2.46	\$10.59	\$41.00
5"; Combination (Machinists with Pipe)	770.79	\$2.91	\$12.42	\$47.58
6"; Combination (Machinists with Pipe)	887.22	\$3.24	\$13.75	\$52.39
3"; Machinist	343.85	\$1.22	\$5.13	\$19.45
3.5"; Machinist	389.85	\$1.83	\$8.05	\$31.86
4"; Machinist	401.35	\$1.86	\$8.18	\$32.34
4.5"; Machinist	493.35	\$2.04	\$8.92	\$34.97
5"; Machinist	586.5	\$2.38	\$10.31	\$39.98
6"; Machinist	585	\$2.38	\$10.29	\$39.92
8"; Machinist	681.21	\$2.65	\$11.39	\$43.89
0 to 2.5"; Pipe Chain (top or Bottom)	186.15	\$1.25	\$5.72	\$23.46
4" to 4.5"; Pipe Chain (top or Bottom)	298.16	\$1.09	\$4.61	\$17.56
6"; Pipe Chain (top or Bottom)	555.36	\$2.30	\$9.95	\$38.69
8"; Pipe Chain (top or Bottom)	742.07	\$2.83	\$12.09	\$46.40
2"; Pipe-Yoke	208.9	\$0.83	\$3.59	\$13.88
2-1/2"; Pipe-Yoke	156.8	\$1.16	\$5.38	\$22.25
3"; Pipe-Yoke	385.33	\$1.81	\$8.00	\$31.68
3-1/2"; Pipe-Yoke	385.33	\$1.81	\$8.00	\$31.68
4"; Pipe-Yoke	428.4	\$1.46	\$6.10	\$22.94
6"; Pipe-Yoke	1,042.87	\$3.20	\$13.14	\$48.29
2.5"; Portable Tristand	480.95	\$2.08	\$9.10	\$35.62
4 to 5"; Portable Tristand	540.85	\$2.26	\$9.78	\$38.10
6"; Portable Tristand	746.87	\$2.84	\$12.14	\$46.60
with Mobile work Bench	107.99	\$0.55	\$2.43	\$9.72
2"; Yoke	261.12	\$0.98	\$4.19	\$16.03
4"; Yoke	428.4	\$1.46	\$6.10	\$22.94
6"; Yoke	1,042.87	\$3.20	\$13.14	\$48.29
2"; Yoke Vise-Clamp Type	261.12	\$0.98	\$4.19	\$16.03
4"; Yoke Vise-Clamp Type	428.4	\$1.46	\$6.10	\$22.94

AAT. Whitney Punch And Dies	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
No. 5	20	\$0.32	\$1.55	\$6.58
No. 10	40	\$1.12	\$5.49	\$23.69
No. 20	48	\$1.16	\$5.63	\$24.22
No. 25	402.28	\$2.65	\$11.87	\$47.70
No. 40	712.8	\$3.95	\$17.34	\$68.28

AAU. Wrench Sets

Standard Ratcheting	66.51	\$0.23	\$0.92	\$3.33
Metric	91.83	\$0.31	\$1.27	\$4.60
Standard	91.83	\$0.31	\$1.27	\$4.60
Metric Ratcheting	100.56	\$0.34	\$1.39	\$5.03

AAV. Wrenches

24"; Aluminum or Cast Iron	89.97	\$0.31	\$1.25	\$4.50
36"; Aluminum or Cast Iron	139.99	\$0.48	\$1.94	\$7.01
48"; Aluminum or Cast Iron	229	\$0.78	\$3.17	\$11.46
3/4"; Combo	5.51	\$0.02	\$0.08	\$0.28
1"; Combo	13.2	\$0.05	\$0.18	\$0.66
1-1/16"; Combo	15	\$0.05	\$0.21	\$0.75
1-1/8"; Combo	19	\$0.07	\$0.26	\$0.95
1-1/4"; Combo	20	\$0.07	\$0.28	\$1.00
1-3/8"; Combo	40	\$0.14	\$0.55	\$2.00
1-5/16"; Combo	37.56	\$0.13	\$0.52	\$1.88
1-1/2"; Combo	47.75	\$0.16	\$0.66	\$2.39
1-5/8"; Combo	65.95	\$0.23	\$0.91	\$3.30
10"; Crescent	30.29	\$0.10	\$0.42	\$1.52
10 to 12"; Pipe, Aluminum or Cast Iron	24.95	\$0.09	\$0.35	\$1.25
14"; Pipe, Aluminum or Cast Iron	29.97	\$0.10	\$0.42	\$1.50
18"; Pipe, Aluminum or Cast Iron	40	\$0.14	\$0.55	\$2.00
60"; Pipe, Aluminum or Cast Iron	487.04	\$1.67	\$6.75	\$24.37

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
10"; Pipe, Non-Sparking	94.6	\$0.32	\$1.31	\$4.73
14"; Pipe, Non-Sparking	175.29	\$0.60	\$2.43	\$8.77
18"; Pipe, Non-Sparking	239.78	\$0.82	\$3.32	\$12.00
24"; Pipe, Non-Sparking	345.2	\$1.18	\$4.78	\$17.28
Transformer	99.99	\$0.34	\$1.38	\$5.00
Tri-Penta Wrench	53.4	\$0.18	\$0.74	\$2.67

SECTION 30: TRACTORS

A. Bare Industrial Tractors

Diesel

41 to 70 hp	31,760.00	\$179.26	\$780.34	\$3,049.88
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Gasoline

41 to 70 hp	30,738.00	\$170.68	\$735.12	\$2,843.34
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B. Lgp Crawler Dozers

Diesel

0 to 59 hp	121,132.00	\$721.26	\$2,974.04	\$10,994.20
60 to 74 hp	81,803.00	\$749.46	\$3,092.71	\$11,442.46
75 to 84 hp	100,440.00	\$983.16	\$4,030.02	\$14,801.82
85 to 104 hp	113,539.00	\$735.60	\$3,052.82	\$11,364.20
105 to 129 hp	148,343.00	\$794.90	\$3,312.60	\$12,385.89
130 to 159 hp	194,725.00	\$906.69	\$3,782.36	\$14,157.77
160 to 189 hp	247,930.00	\$1,124.49	\$4,717.13	\$17,760.62
190 to 259 hp	352,984.00	\$1,378.90	\$5,774.11	\$21,699.88
60 to 74 hp	75,472.00	\$474.86	\$1,994.98	\$7,523.03
75 to 104 hp	87,000.00	\$521.53	\$2,202.78	\$8,352.96
105 to 129 hp	111,000.00	\$620.21	\$2,614.33	\$9,892.99
130 to 189 hp	159,500.00	\$918.13	\$3,881.21	\$14,730.50
190 hp and over	577,275.00	\$2,458.17	\$10,199.18	\$37,957.00

C. Standard Crawler Dozers	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Diesel</i>				
0 to 59 hp	55,809.00	\$494.79	\$2,064.82	\$7,731.80
60 to 74 hp	77,794.00	\$628.66	\$2,612.67	\$9,740.37
75 to 84 hp	96,566.00	\$948.79	\$3,890.76	\$14,296.88
85 to 104 hp	108,346.00	\$977.18	\$4,008.92	\$14,738.20
105 to 129 hp	144,247.00	\$979.08	\$4,038.56	\$14,935.14
130 to 159 hp	186,776.00	\$1,038.59	\$4,299.49	\$15,962.11
160 to 189 hp	227,608.00	\$1,026.97	\$4,306.40	\$16,207.64
190 to 259 hp	320,900.00	\$1,432.98	\$5,956.91	\$22,214.32
260 to 359 hp	436,356.00	\$1,980.67	\$8,251.79	\$30,844.44
360 to 519 hp	598,363.00	\$1,928.12	\$8,310.02	\$32,162.47
520 hp and over	1,269,820.00	\$3,350.95	\$14,736.82	\$58,166.61
0 to 59 hp	39,908.00	\$330.82	\$1,388.02	\$5,227.10
60 to 74 hp	79,373.00	\$469.19	\$1,963.21	\$7,372.08
75 to 104 hp	117,980.00	\$609.91	\$2,540.53	\$9,494.53
105 to 129 hp	158,255.00	\$834.16	\$3,461.20	\$12,881.91
130 to 189 hp	198,275.00	\$1,036.79	\$4,315.07	\$16,112.12
190 hp and over	332,227.00	\$1,313.73	\$5,497.30	\$20,644.05
D. Track Tractors				
<i>Diesel</i>				
0 to 75 hp	94,131.00	\$674.38	\$2,765.14	\$10,155.69
76 to 149 hp	122,120.00	\$838.64	\$3,447.28	\$12,695.89
E. Tractor Attachments				
<i>Hydraulic</i>				
Earth Auger	4,779.57	\$29.22	\$121.71	\$454.82
Winch	10,997.10	\$94.62	\$389.96	\$1,440.73
F. Tractor-Loader-Backhoes				
<i>Diesel</i>				
Under 12	33,154.00	\$495.87	\$2,009.11	\$7,284.42
12' to Under 13	52,877.00	\$480.21	\$1,961.05	\$7,173.14

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
13' to Under 14	75,373.00	\$394.23	\$1,624.95	\$6,004.54
14' to Under 15	60,850.00	\$435.78	\$1,787.14	\$6,567.45
15' to Under 16	73,469.00	\$415.85	\$1,724.41	\$6,413.50
16' to Under 17	78,741.00	\$513.35	\$2,107.09	\$7,750.61
17' and over	115,945.00	\$736.48	\$3,037.15	\$11,228.92
Gasoline				
13' to Under 14	75,373.00	\$860.89	\$3,494.43	\$12,690.89
G. Tractor-Loaders				
Diesel				
40 to 49 hp	24,298.00	\$302.17	\$1,238.09	\$4,545.27
50 to 59 hp	42,964.00	\$422.67	\$1,725.84	\$6,311.75
60 to 69 hp	45,799.00	\$537.00	\$2,181.56	\$7,933.52
70 hp and over	45,402.00	\$375.66	\$1,543.86	\$5,686.73
H. Wheel Loader Rops Cabs (Erops)				
Manual				
	6,242.00	\$16.14	\$69.61	\$269.56
I. Wheel Tractors				
Diesel				
25 to 49 hp	40,086.00	\$290.68	\$1,247.45	\$4,806.14
50 to 74 hp	59,169.00	\$362.53	\$1,556.87	\$6,002.44
75 to 124 hp	91,839.00	\$490.94	\$2,112.58	\$8,161.42
Gasoline				
25 to 49 hp	40,086.00	\$294.43	\$1,262.81	\$4,862.61
50 to 74 hp	59,169.00	\$368.05	\$1,579.52	\$6,085.77
75 to 124 hp	91,839.00	\$499.52	\$2,147.77	\$8,290.78

SECTION 31: TRAILERS

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
A. Cargo Van Field Office Trailers				
10' x 20	9,095.00	\$21.16	\$90.82	\$350.02
10' x 30	8,195.00	\$19.68	\$84.65	\$326.94
10' x 40	11,246.11	\$28.19	\$119.97	\$458.30
12' x 30	9,320.00	\$21.53	\$92.36	\$355.79
12' x 40	12,112.00	\$29.88	\$127.01	\$484.59
12' x 50	13,166.79	\$31.94	\$135.58	\$516.63
20' x 50	27,878.89	\$60.66	\$255.20	\$963.43
B. Dump Trailers				
14"	14,735.00	\$59.31	\$253.06	\$969.22
16"	16,225.00	\$63.66	\$271.30	\$1,037.91
C. Framing Trailers				
	10,992.00	\$48.39	\$207.22	\$796.68
D. Lowboy Trailers				
61,505.11	\$495.09	\$2,002.16	\$7,240.93	6,844.54
67,267.62	\$541.24	\$2,188.70	\$7,915.15	7,481.62
67,557.81	\$543.56	\$2,198.10	\$7,949.10	7,513.71
68,154.79	\$548.35	\$2,217.42	\$8,018.95	7,579.71
68,872.74	\$554.10	\$2,240.66	\$8,102.95	7,659.08
69,992.03	\$563.06	\$2,276.90	\$8,233.91	7,782.82
73,121.20	\$588.12	\$2,378.19	\$8,600.02	8,128.77
E. Non-Tilt Deck Utility Trailers				
3 tons	4,745.00	\$26.20	\$113.91	\$444.64
5 tons	6,360.00	\$30.19	\$130.71	\$508.05

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6 tons	6,995.00	\$31.77	\$137.31	\$532.99
8 tons	9,335.00	\$37.55	\$161.65	\$624.87
9 tons	9,705.00	\$38.47	\$165.49	\$639.39
10 tons	11,770.00	\$43.57	\$186.97	\$720.47
12 tons	13,450.00	\$47.73	\$204.44	\$786.44
16 tons	14,665.00	\$50.73	\$217.08	\$834.15
18 tons	15,620.00	\$53.09	\$227.01	\$871.64
20 tons	17,285.00	\$57.21	\$244.33	\$937.02

F. Office Trailer Steps

	625	\$5.74	\$25.76	\$103.59
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G. Platform Trailers

10 tons; Single Axle	1,879.99	\$40.42	\$177.58	\$700.03
15 tons; Tandem Axle	31,575.00	\$114.67	\$489.55	\$1,876.87
25 tons; Tandem Axle	33,540.00	\$119.64	\$510.43	\$1,955.60

H. Pole Trailers

10 tons	12,835.57	\$51.94	\$221.77	\$850.02
20 tons	16,198.01	\$61.76	\$262.95	\$1,005.02

I. Semi Trailers

2 Axle, 4 Tire, 20'	54,361.00	\$365.03	\$1,477.39	\$5,350.09
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J. Spool Trailers

Hydraulic

Triple Spool; Trailer, Triple Spool Hydraulic	8,885.00	\$45.85	\$193.56	\$733.41
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K. Standard Field Office Trailers	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
8' x 16	7,020.00	\$19.59	\$84.92	\$330.46
8' x 20	7,860.00	\$20.97	\$90.67	\$352.01
8' x 24	9,365.00	\$23.44	\$100.98	\$390.61
8' x 26	10,010.00	\$24.50	\$105.40	\$407.15
8' x 28	11,885.00	\$27.58	\$118.24	\$455.24
8' x 32	12,295.00	\$28.25	\$121.05	\$465.76
10' x 20	4,597.61	\$17.05	\$74.23	\$290.04
10' x 50	14,060.00	\$31.15	\$133.13	\$511.02
10' x 32	18,425.00	\$38.31	\$163.03	\$622.98
12' x 56	34,225.00	\$64.23	\$271.23	\$1,028.22
12' x 60	28,530.00	\$54.89	\$232.23	\$882.15
L. Storage Trailers				
6 x 15	3,465.01	\$14.84	\$65.02	\$255.64
8' x 20	6,850.99	\$21.45	\$92.55	\$358.48
8' x 24	7,225.17	\$22.18	\$95.59	\$369.84
8' x 28	9,028.57	\$25.70	\$110.25	\$424.61
8' x 32	9,572.45	\$26.76	\$114.67	\$441.13
8' x 36	10,224.70	\$28.04	\$119.98	\$460.93
M. Tilt Deck Utility Trailers				
6 tons	12,602.00	\$49.15	\$210.47	\$809.41
9 tons	21,033.00	\$71.10	\$302.61	\$1,156.56
10 tons	22,947.00	\$76.11	\$323.63	\$1,235.72
12 tons	25,258.00	\$82.25	\$349.38	\$1,332.66
16 tons	26,745.00	\$85.97	\$365.04	\$1,391.77
15 tons	27,105.00	\$87.00	\$369.33	\$1,407.84
20 tons	32,519.00	\$101.15	\$428.73	\$1,631.61
25 tons	42,043.00	\$125.86	\$532.47	\$2,022.50

SECTION 32: TRENCHERS	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
A. Crawler Mounted Cable Plows				
<i>Diesel</i>				
131 hp and over	265,000.00	\$948.70	\$4,211.30	\$16,769.27
B. Crawler Mounted Chain Trenchers				
<i>Diesel</i>				
0 to 39 hp; 5' Depth	20,976.00	\$401.66	\$1,625.93	\$5,889.29
76 to 130 hp; 6' Depth	99,097.00	\$2,078.31	\$8,387.81	\$30,277.90
131 hp and over; 5' Depth	359,832.00	\$6,193.96	\$24,976.60	\$90,071.42
C. Walk-Behind Chain Trenchers				
<i>Gasoline</i>				
0 to 14 hp; 2' Depth	5,716.00	\$197.81	\$800.10	\$2,895.37
15 to 19 hp; 4' Depth	12,127.00	\$337.06	\$1,361.87	\$4,922.41
20 hp and over; 7' Depth	19,670.00	\$643.68	\$2,591.61	\$9,329.65
D. Wheel Mounted Cable Plows				
<i>Diesel</i>				
0 to 39 hp; 2' Depth	40,636.00	\$211.72	\$884.96	\$3,319.41
0 to 130 hp	111,452.00	\$575.30	\$2,434.58	\$9,250.16
E. Wheel Mounted Chain Trenchers				
<i>Diesel</i>				
0 to 39 hp; 5' x 20"	25,099.00	\$697.64	\$2,808.63	\$10,109.92
40 to 59 hp; 5'6" x 24"	46,305.00	\$1,037.74	\$4,181.47	\$15,066.55
60 to 75 hp; 6' x 24"	59,094.00	\$1,538.40	\$6,190.35	\$22,270.09
76 to 130 hp	72,452.00	\$2,018.79	\$8,138.02	\$29,336.97

SECTION 33: VEHICLES

Owning & Operating Rate

	Est. Price \$	Day \$	Week \$	Month \$
A. Boats				
<i>Gasoline</i>				
18' Length	22,719.00	\$177.33	\$818.43	\$3,374.95
B. Concrete Mixer Truck				
<i>Diesel</i>				
5.5 yard	215,535.00	\$1,329.93	\$5,811.51	\$22,792.87
8 yard	219,805.00	\$1,345.52	\$5,875.76	\$23,030.07
C. Digger Trucks				
<i>PTO</i>				
6" to 36"	47,000.00	\$287.31	\$1,243.35	\$4,831.60
6" to 60"	50,000.00	\$295.52	\$1,276.87	\$4,954.14
12" to 72"	53,000.00	\$303.74	\$1,310.39	\$5,076.68
12" to 108"	60,000.00	\$322.90	\$1,388.61	\$5,362.61
12" to 132"	61,000.00	\$325.64	\$1,399.78	\$5,403.46
D. Guardrail Post Driver/Augers For Truck Mounting				
<i>Diesel</i>				
	94,000.00	\$359.87	\$1,478.82	\$5,446.56
E. Line Trucks				
<i>Diesel</i>				
1-1/2 tons; 4x4	47,745.00	\$328.96	\$1,547.22	\$6,484.33
2 tons; 4X2	57,815.00	\$359.25	\$1,672.72	\$6,950.54
2 tons; 4x4	61,315.00	\$366.78	\$1,703.97	\$7,066.78
2-1/2 tons; 4X2	92,636.00	\$344.88	\$1,537.10	\$6,142.46
2-1/2 tons; 4x4	93,415.00	\$346.56	\$1,544.05	\$6,168.34
2-1/2 tons; 6X4	116,976.00	\$447.67	\$2,001.27	\$8,019.81

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
1 ton; 4X2	35,545.00	\$454.83	\$2,198.10	\$9,419.61
1 ton; 4x4	38,345.00	\$460.89	\$2,223.31	\$9,513.55
1-1/2 tons; 4X2	39,200.00	\$462.75	\$2,231.00	\$9,542.24
F. On-Highway Flatbed Trucks				
Diesel				
15,000 GVW; 4X2; 200 hp	45,150.00	\$231.18	\$1,066.62	\$4,397.80
20,000 GVW; 4X2; 200 hp	54,425.00	\$248.77	\$1,139.86	\$4,671.43
25,000 GVW; 4X2; 200 hp	79,721.25	\$312.19	\$1,401.28	\$5,637.46
0 to 30,000 GVW; 4x2, 217 hp	98,500.63	\$370.07	\$1,653.75	\$6,624.98
33,001 to 45,000 GVW; 6X4; 280 hp	93,275.00	\$386.90	\$1,760.83	\$7,173.14
33,001 to 45,000 GVW; 6X4; 380 hp	163,266.77	\$611.07	\$2,736.69	\$10,985.25
Gasoline				
6,000 GVW; 4X2; 180 hp	22,500.00	\$220.43	\$1,055.45	\$4,489.61
8,500 GVW; 4X2; 180 hp	28,900.00	\$232.65	\$1,106.46	\$4,680.54
8,500 GVW; 4X4; 220 hp	39,397.01	\$297.63	\$1,405.07	\$5,906.94
15,000 GVW; 4X2; 210 hp	39,375.00	\$293.01	\$1,383.68	\$5,819.11
10,000 GVW; 4X4; 220 hp	43,475.94	\$306.47	\$1,441.79	\$6,043.80
20,000 GVW; 4X2; 275 hp	49,300.00	\$368.49	\$1,745.39	\$7,358.64
25,000 GVW; 4X2; 275 hp	50,475.00	\$370.72	\$1,754.69	\$7,393.40
G. On-Highway Light Duty Trucks				
Diesel				
4X2; 1/2 tons; Conventional Cab Type; 160 hp	22,944.00	\$133.67	\$612.86	\$2,513.12
4X2; 1/2 tons; Crew Cab Type; 160 hp	23,594.00	\$135.16	\$619.09	\$2,536.28
4X2; 3/4 tons; Conventional Cab Type; 160 hp	24,449.00	\$137.14	\$627.27	\$2,566.75
4X2; 3/4 tons; Crew Cab Type; 160 hp	26,925.00	\$142.85	\$650.97	\$2,654.97
4X2; 1 ton; Conventional Cab Type; 195 hp	27,027.00	\$156.67	\$719.90	\$2,957.60
4X2; 1 ton; Crew Cab Type; 195 hp	30,373.00	\$164.39	\$751.92	\$3,076.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X2; 1.25 tons; Conventional Cab Type; 260 hp	34,588.00	\$198.48	\$915.93	\$3,777.19
4X2; 1.25 tons; Crew Cab Type; 260 hp	35,320.00	\$200.10	\$922.68	\$3,802.37
4X2; 1 ton; Conventional Cab Type; 340 hp	28,908.00	\$216.93	\$1,018.85	\$4,265.24
4X2; 1 ton; Crew Cab Type; 340 hp	32,183.00	\$224.20	\$1,049.06	\$4,377.88
4X2; 1.25 tons; Conventional Cab Type; 360 hp	36,968.00	\$242.59	\$1,132.04	\$4,713.31
4X2; 1.25 tons; Crew Cab Type; 360 hp	37,705.00	\$244.23	\$1,138.84	\$4,738.66
4X2; 1.5 tons; Conventional Cab Type; 310 hp	36,612.00	\$222.38	\$1,031.68	\$4,273.94
4X2; 1.5 tons; Conventional Cab Type; 360 hp	38,997.00	\$247.09	\$1,150.76	\$4,783.10
4X2; 1.5 tons; Crew Cab Type; 310 hp	37,766.00	\$224.95	\$1,042.32	\$4,313.63
4X2; 1.5 tons; Crew Cab Type; 360 hp	40,146.00	\$249.64	\$1,161.35	\$4,822.62
4X2; 1.75 tons; Conventional Cab Type; 310 hp	39,851.00	\$229.57	\$1,061.56	\$4,385.35
4X2; 1.75 tons; Conventional Cab Type; 360 hp	42,236.00	\$254.28	\$1,180.64	\$4,894.51
4X2; 1.75 tons; Crew Cab Type; 310 hp	41,305.00	\$232.80	\$1,074.97	\$4,435.36
4X2; 1.75 tons; Crew Cab Type; 360 hp	43,685.00	\$257.50	\$1,194.00	\$4,944.35
4X4; 1/2 tons; Conventional Cab Type; 160 hp	26,920.00	\$142.84	\$650.92	\$2,654.79
4X4; 1/2 tons; Crew Cab Type; 160 hp	27,779.00	\$144.82	\$659.14	\$2,685.40
4X4; 3/4 tons; Conventional Cab Type; 160 hp	27,840.00	\$144.96	\$659.73	\$2,687.58
4X4; 3/4 tons; Crew Cab Type; 160 hp	31,161.00	\$152.62	\$691.51	\$2,805.91
4X4; 1 ton; Conventional Cab Type; 195 hp	33,836.00	\$172.38	\$785.07	\$3,200.22
4X4; 1 ton; Crew Cab Type; 195 hp	35,798.00	\$176.90	\$803.85	\$3,270.13
4X4; 1.25 tons; Conventional Cab Type; 260 hp	38,900.00	\$208.05	\$955.71	\$3,925.50
4X4; 1.25 tons; Crew Cab Type; 260 hp	40,939.00	\$212.57	\$974.52	\$3,995.63
4X4; 1 ton; Conventional Cab Type; 340 hp	35,717.00	\$232.05	\$1,081.67	\$4,499.43
4X4; 1 ton; Crew Cab Type; 325 hp	38,417.00	\$232.22	\$1,077.45	\$4,464.16
4X4; 1 ton; Crew Cab Type; 340 hp	37,680.00	\$236.40	\$1,099.78	\$4,566.95
4X4; 1.25 tons; Conventional Cab Type; 360 hp	41,280.00	\$252.16	\$1,171.82	\$4,861.62
4X4; 1.25 tons; Crew Cab Type; 360 hp	43,319.00	\$256.69	\$1,190.63	\$4,931.76

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X4; 1.5 tons; Conventional Cab Type; 310 hp	39,790.00	\$229.44	\$1,061.00	\$4,383.25
4X4; 1.5 tons; Conventional Cab Type; 360 hp	42,175.00	\$254.15	\$1,180.07	\$4,892.41
4X4; 1.5 tons; Crew Cab Type; 310 hp	40,944.00	\$232.00	\$1,071.64	\$4,422.94
4X4; 1.5 tons; Crew Cab Type; 360 hp	43,324.00	\$256.70	\$1,190.67	\$4,931.93
4X4; 1.75 tons; Conventional Cab Type; 310 hp	43,156.00	\$236.91	\$1,092.05	\$4,499.02
4X4; 1.75 tons; Conventional Cab Type; 360 hp	45,541.00	\$261.62	\$1,211.12	\$5,008.18
4X4; 1.75 tons; Crew Cab Type; 310 hp	45,694.00	\$242.54	\$1,115.46	\$4,586.32
4X4; 1.75 tons; Crew Cab Type; 360 hp	48,074.00	\$267.24	\$1,234.49	\$5,095.31

Gasoline

4X2; 1/2 tons; Conventional Cab Type; 143 hp	21,030.38	\$154.47	\$713.60	\$2,945.08
4X2; 1/2 tons; Crew Cab Type; 143 hp	18,082.00	\$140.39	\$655.99	\$2,734.40
4X2; 3/4 tons; Conventional Cab Type; 165 hp	18,937.00	\$154.67	\$725.76	\$3,035.84
4X2; 3/4 tons; Crew Cab Type; 165 hp	24,042.00	\$166.45	\$774.62	\$3,217.74
4X2; 3/4 tons; Conventional Cab Type; 285 hp	29,068.00	\$247.56	\$1,169.04	\$4,916.36
4X2; 3/4 tons; Crew Cab Type; 285 hp	35,804.00	\$263.15	\$1,233.77	\$5,157.39
4X2; 1 ton; Conventional Cab Type; 234 hp	23,915.00	\$204.84	\$967.73	\$4,071.21
4X2; 1 ton; Crew Cab Type; 234 hp	26,940.00	\$211.55	\$995.63	\$4,175.26
4X2; 1.25 tons; Conventional Cab Type; 260 hp	29,066.00	\$230.83	\$1,088.03	\$4,568.62
4X2; 1.25 tons; Crew Cab Type; 260 hp	29,803.00	\$232.46	\$1,094.83	\$4,593.97
4X2; 1 ton; Conventional Cab Type; 300 hp	25,791.00	\$246.95	\$1,173.79	\$4,962.96
4X2; 1 ton; Crew Cab Type; 300 hp	28,822.00	\$253.80	\$1,202.22	\$5,068.89
4X2; 1.25 tons; Conventional Cab Type; 360 hp	31,446.00	\$293.32	\$1,394.80	\$5,899.62
4X2; 1.25 tons; Crew Cab Type; 360 hp	32,183.00	\$294.98	\$1,401.71	\$5,925.38
4X2; 1.5 tons; Conventional Cab Type; 300 hp	31,090.00	\$258.92	\$1,223.50	\$5,148.16
4X2; 1.5 tons; Conventional Cab Type; 362 hp	33,678.00	\$299.48	\$1,421.33	\$6,002.27
4X2; 1.5 tons; Crew Cab Type; 300 hp	32,249.00	\$261.54	\$1,234.37	\$5,188.66
4X2; 1.5 tons; Crew Cab Type; 362 hp	34,827.00	\$302.07	\$1,432.11	\$6,042.42



TOOL AND EQUIPMENT RENTAL GUIDE

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
4X2; 1.75 tons; Conventional Cab Type; 300 hp	35,407.00	\$268.67	\$1,263.99	\$5,299.04
4X2; 1.75 tons; Conventional Cab Type; 362 hp	37,990.00	\$309.22	\$1,461.78	\$6,152.97
4X2; 1.75 tons; Crew Cab Type; 300 hp	36,856.00	\$271.94	\$1,277.58	\$5,349.68
4X2; 1.75 tons; Crew Cab Type; 362 hp	39,439.00	\$312.49	\$1,475.37	\$6,203.61
4X4; 1/2 tons; Conventional Cab Type; 191 hp	25,614.15	\$152.56	\$694.98	\$2,833.07
4X4; 1/2 tons; Crew Cab Type; 191 hp	22,262.00	\$176.90	\$830.37	\$3,474.56
4X4; 3/4 tons; Conventional Cab Type; 165 hp	25,257.00	\$169.25	\$786.25	\$3,261.04
4X4; 3/4 tons; Crew Cab Type; 165 hp	26,066.00	\$171.12	\$794.00	\$3,289.86
4X4; 3/4 tons; Conventional Cab Type; 285 hp	33,867.00	\$258.72	\$1,215.37	\$5,088.87
4X4; 3/4 tons; Crew Cab Type; 285 hp	39,052.00	\$270.73	\$1,265.23	\$5,274.51
4X4; 1 ton; Conventional Cab Type; 234 hp	28,323.00	\$214.62	\$1,008.39	\$4,222.82
4X4; 1 ton; Crew Cab Type; 234 hp	31,700.00	\$222.12	\$1,039.54	\$4,338.98
4X4; 1.25 tons; Conventional Cab Type; 260 hp	33,378.00	\$240.40	\$1,127.81	\$4,716.94
4X4; 1.25 tons; Crew Cab Type; 260 hp	35,417.00	\$244.92	\$1,146.62	\$4,787.07
4X4; 1 ton; Conventional Cab Type; 300 hp	30,195.00	\$256.90	\$1,215.10	\$5,116.88
4X4; 1 ton; Crew Cab Type; 300 hp	34,192.00	\$265.93	\$1,252.59	\$5,256.57
4X4; 1.25 tons; Conventional Cab Type; 360 hp	35,758.00	\$303.06	\$1,435.25	\$6,050.33
4X4; 1.25 tons; Crew Cab Type; 360 hp	37,792.00	\$307.65	\$1,454.32	\$6,121.41
4X4; 1.5 tons; Conventional Cab Type; 300 hp	34,268.00	\$266.10	\$1,253.31	\$5,259.23
4X4; 1.5 tons; Conventional Cab Type; 362 hp	36,851.00	\$306.64	\$1,451.10	\$6,113.16
4X4; 1.5 tons; Crew Cab Type; 300 hp	36,495.00	\$271.13	\$1,274.20	\$5,337.06
4X4; 1.5 tons; Crew Cab Type; 362 hp	39,083.00	\$311.68	\$1,472.03	\$6,191.17
4X4; 1.75 tons; Conventional Cab Type; 300 hp	38,712.00	\$276.13	\$1,294.99	\$5,414.54
4X4; 1.75 tons; Conventional Cab Type; 362 hp	41,290.00	\$316.67	\$1,492.74	\$6,268.30
4X4; 1.75 tons; Crew Cab Type; 300 hp	40,161.00	\$279.41	\$1,308.59	\$5,465.19
4X4; 1.75 tons; Crew Cab Type; 362 hp	42,750.00	\$319.97	\$1,506.43	\$6,319.33

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
H. On-Highway Rear Dumps				
<i>Diesel</i>				
4 cubic yard	64,542.30	\$339.27	\$1,555.18	\$6,375.79
6 cubic yard	72,955.10	\$357.15	\$1,629.36	\$6,651.83
7 to 8 cubic yard; 4X2	88,822.80	\$421.86	\$1,915.77	\$7,789.24
7 to 8 cubic yard; 4X4	91,209.90	\$426.84	\$1,936.46	\$7,866.25
<i>Gasoline</i>				
4 cubic yard	57,524.50	\$431.88	\$2,033.46	\$8,530.63
6 cubic yard	58,660.10	\$453.89	\$2,141.46	\$8,999.06
5 cubic yard	85,697.00	\$540.56	\$2,502.68	\$10,348.48
I. On-Highway Truck Tractors				
<i>Diesel</i>				
5 tons; 4X2	79,795.00	\$369.03	\$1,660.67	\$6,695.51
15 tons; 4X2	77,250.00	\$365.02	\$1,661.89	\$6,772.50
10 tons; 4X2	104,104.00	\$427.12	\$1,901.65	\$7,591.82
10 tons; 4X4	104,104.00	\$436.06	\$1,944.58	\$7,774.88
20 tons; 4X4	104,104.00	\$436.06	\$1,944.58	\$7,774.88
6X6	107,061.00	\$463.00	\$2,061.97	\$8,234.10
15 tons; 4X4	146,269.00	\$638.25	\$2,872.92	\$11,585.81
20 tons; 4X2	156,471.00	\$656.91	\$2,944.00	\$11,824.91
15 tons; 6X4	146,269.00	\$658.34	\$2,961.89	\$11,939.22
20 tons; 6X4	156,471.00	\$715.05	\$3,206.45	\$12,886.04
25 tons; 6X4	156,471.00	\$715.05	\$3,206.45	\$12,886.04
30 tons; 6X4	156,471.00	\$719.90	\$3,230.61	\$12,992.14
<i>Gasoline</i>				
15 tons; 4X2	45,350.00	\$422.49	\$2,010.91	\$8,512.07
10 tons; 4X2	46,500.00	\$456.13	\$2,166.82	\$9,157.43

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
J. Sedans				
<i>Gasoline</i>				
Compact/Subcompact	15,395.00	\$126.65	\$587.40	\$2,432.68
Standard, Compact	20,025.00	\$157.40	\$730.57	\$3,027.38
Midsized	33,090.00	\$274.36	\$1,285.37	\$5,369.14
Fullsize	30,755.00	\$296.16	\$1,399.73	\$5,890.06
K. Stake-Bed Trucks				
<i>Diesel</i>				
1-1/2 tons	52,140.00	\$347.04	\$1,622.06	\$6,762.05
2 tons	88,827.00	\$336.68	\$1,503.09	\$6,015.96
2-1/2 tons	111,859.00	\$386.24	\$1,708.72	\$6,780.91
5 tons	119,136.00	\$418.69	\$1,852.53	\$7,352.72
L. Station Wagons				
<i>Gasoline</i>				
Compact	29,900.00	\$209.91	\$970.45	\$4,007.74
Standard	40,950.00	\$267.22	\$1,231.62	\$5,072.83
M. Tailgate Trucks				
<i>Diesel</i>				
2 tons	87,965.00	\$388.56	\$1,741.66	\$6,996.75
N. Track Carrier Attachments				
<i>Hydraulic</i>				
Hydraulic Boom	44,954.80	\$141.24	\$590.22	\$2,213.23
<i>PTO</i>				
Telescoping Derrick	105,100.00	\$446.37	\$1,892.54	\$7,204.82

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
O. Truck Add-Ons				
<i>Electric</i>				
A-Frame and Winch	1,599.00	\$19.79	\$86.90	\$342.41
Liftgate	1,885.00	\$12.19	\$54.72	\$220.06
P. Trucks, Platform Or Stake				
<i>Diesel</i>				
Class 3	47,583.00	\$233.73	\$1,071.37	\$4,391.59
Class 4	55,109.00	\$266.92	\$1,216.02	\$4,957.48
Class 5	99,252.00	\$361.91	\$1,610.12	\$6,423.59
Class 6	153,082.00	\$496.15	\$2,182.78	\$8,616.62
<i>Gasoline</i>				
Class 3	43,923.00	\$233.73	\$1,071.37	\$4,391.59
Q. Utility Vehicles				
<i>Gasoline</i>				
John Deere Gator	11,449.00	\$60.75	\$266.99	\$1,052.87
Golf Cart, 4x2	11,750.00	\$61.05	\$267.77	\$1,054.02
Golf Cart, 4x4	12,485.00	\$63.00	\$275.83	\$1,083.90
10,000 GVW; 4x4 ; 2 Passenger	13,651.00	\$81.71	\$366.72	\$1,474.95
R. Vacuum Excavators				
<i>Diesel</i>				
Truck Mounted; Vacuum only	205,250.00	\$637.20	\$2,679.86	\$10,117.07
S. Vacuum Trailers				
<i>Diesel</i>				
Trailer Mounted	69,014.00	\$289.54	\$1,235.45	\$4,733.90

T. Vans	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
Gasoline				
8,000 GVW; 4x2; 8	31,540.00	\$259.05	\$1,212.38	\$5,059.78
9,000 GVW; 4x2; 10	34,440.00	\$266.75	\$1,244.19	\$5,177.68
9,300 GVW; 4X2; 12	41,390.00	\$285.18	\$1,320.42	\$5,460.23
U. Vehicle Attachments				
Diesel				
Earth Auger	2,668.00	\$21.96	\$97.61	\$388.97
Hydraulic				
Winch	1,948.80	\$50.92	\$212.64	\$796.49
Hydraulic Boom	44,954.80	\$141.24	\$590.22	\$2,213.23
PTO				
Telescoping Derrick	47,000.00	\$287.31	\$1,243.35	\$4,831.60

SECTION 34: WELDING EQUIPMENT

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
A. Computerized Plasma Cutting Systems				
<i>Electric</i>				
	55,150.00	\$136.25	\$594.88	\$2,331.74
B. Orbital Welders				
<i>Electric</i>				
Swagelok M200	19,553.10	56.56	233.53	864.32
C. Plasma Arc Cutters				
<i>Electric</i>				
1/8"	1,104.00	\$9.68	\$45.35	\$189.44
1/4"	1,277.74	\$10.26	\$47.79	\$198.56
3/8"	2,152.90	\$16.15	\$72.36	\$290.61
1/2"	2,342.55	\$16.15	\$72.36	\$290.61
1"	2,818.64	\$16.15	\$72.36	\$290.61
D. Portable Plasma Cutting Systems				
<i>Electric</i>				
10 AMP; 5/32" Cutting Capacity	1,702.00	\$9.89	\$46.80	\$197.18
15 AMP; 1/8" Cutting Capacity	1,802.00	\$10.05	\$47.44	\$199.50
20 AMP; 1/4" Cutting Capacity	1,902.00	\$10.21	\$48.08	\$201.81
30 AMP; 3/8" Cutting Capacity	2,923.00	\$11.84	\$54.65	\$225.45
50 AMP; 1/2"-5/8" Cutting Capacity	3,400.00	\$12.60	\$57.72	\$236.50
E. Portable Welders				
<i>Diesel</i>				
225 amp; AC/DC-CC/CV; Skid Mounting	13,974.00	\$45.63	\$193.36	\$735.75
225 amp; AC/DC-CC/CV; Trailer Mounting	11,768.79	\$46.96	\$204.95	\$802.81
300 amp; AC/DC-CC/CV; Skid Mounting	12,527.48	\$48.82	\$212.45	\$829.88
300 amp; AC/DC-CC/CV; Trailer Mounting	14,044.86	\$52.54	\$227.46	\$884.03
300 amp; DC-CC/CV; Skid Mounted	13,791.97	\$51.92	\$224.96	\$875.01
300 amp; DC-CC/CV; Trailer Mounted	15,309.35	\$55.64	\$239.96	\$929.15
300 amp; DC-CC; Skid Mounted	14,297.76	\$53.16	\$229.96	\$893.05
300 amp; DC-CC; Trailer Mounted	15,815.14	\$56.87	\$244.96	\$947.20

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
350 amp; AC/DC-CC/CV; Skid Mounting	16,817.56	\$70.87	\$309.68	\$1,214.49
350 amp; AC/DC-CC/CV; Trailer Mounting	18,343.47	\$74.81	\$325.57	\$1,271.82
400 amp; DC-CC/CV; Skid Mounting	18,089.15	\$74.15	\$322.92	\$1,262.26
400 amp; DC-CC/CV; Trailer Mounting	19,360.74	\$77.43	\$336.16	\$1,310.04
400 amp; DC-CC; Skid Mounted	18,597.79	\$75.47	\$328.22	\$1,281.37
400 amp; DC-CC; Trailer Mounted	19,869.38	\$78.75	\$341.46	\$1,329.14
500 amp; DC-CC/CV; Skid Mounted	20,601.32	\$87.15	\$378.71	\$1,477.30
500 amp; DC-CC/CV; Trailer Mounted	22,183.44	\$91.43	\$395.98	\$1,539.56
500 amp; DC-CC; Skid Mounted	19,546.58	\$84.29	\$367.20	\$1,435.79
500 amp; DC-CC; Trailer Mounted	21,128.70	\$88.58	\$384.47	\$1,498.05
600 amp; DC-CC/CV; Skid Mounting	28,079.61	\$105.12	\$452.65	\$1,749.95
600 amp; DC-CC/CV; Trailer Mounting	29,615.13	\$109.04	\$468.50	\$1,807.14

Gasoline

125 amp; AC; Skid Mounted	3,531.00	\$21.77	\$97.91	\$394.65
125 amp; DC-CC; Skid Mounted	3,284.00	\$21.12	\$95.30	\$385.23
140 amp; AC; Skid Mounted	3,547.00	\$21.02	\$94.15	\$378.01
140 amp; DC-CC; Skid Mounted	3,560.00	\$22.60	\$102.03	\$412.55
180 amp; DC-CC; Skid Mounted	4,317.00	\$26.85	\$121.40	\$491.62
200 amp; DC-CC; Skid Mounted	12,343.00	\$72.97	\$332.06	\$1,352.60
200 amp; DC-CC; Trailer Mounted	14,197.30	\$60.79	\$263.48	\$1,025.19
200 amp; Heli-Arc Welder	389.99	\$22.35	\$108.50	\$466.62
225 amp; AC/DC-CC/CV; Skid Mounting	5,699.28	\$41.75	\$191.32	\$784.04
225 amp; AC/DC-CC/CV; Trailer Mounting	6,963.76	\$46.96	\$204.95	\$802.81
250 amp; AC/DC-CC/CV; Skid Mounted	6,936.00	\$39.44	\$178.09	\$720.37
250 amp; AC/DC-CC/CV; Trailer Mounted	8,986.93	\$50.89	\$228.15	\$916.80
250 amp; DC-CC/CV; Skid Mounted	5,952.17	\$42.45	\$194.15	\$794.25
250 amp; DC-CC/CV; Trailer Mounted	7,469.55	\$46.67	\$211.15	\$855.53
350 amp; DC-CC/CV; Skid Mounted	13,977.00	\$84.03	\$383.73	\$1,567.89
350 amp; DC-CC/CV; Trailer Mounted	14,803.55	\$67.05	\$293.32	\$1,151.69

F. Spot Welders

Electric

1-1/2 KVA; 1/8" Weld, Pedestal Mount, Air Cooled	2,266.71	\$14.15	\$64.04	\$259.45
1-1/2 KVA; 1/8" Weld, Portable, Air Cooled	1,937.01	\$12.48	\$57.03	\$233.18

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1-1/2 KVA; Pedestal Mtd.; 1/8"; Air Cooled	2,390.35	\$10.32	\$48.04	\$199.51
1-1/2 KVA; Portable; 1/8"; Air Cooled	2,060.65	\$13.71	\$62.18	\$252.47
2.5 KVA; 3/16" Weld, Portable, Air Cooled	4,675.00	\$24.05	\$107.34	\$429.52
2.5 KVA; Pedestal Mtd; 3/16"; Air Cooled	1,560.00	\$11.21	\$51.74	\$213.38
2.5 KVA; Portable; 3/16"; Air Cooled	2,143.08	\$13.71	\$62.18	\$252.47
10 KVA; 3/16" Weld, Portable (Pneumatic), Water Cooled	8,435.54	\$38.80	\$168.95	\$660.32
10 KVA; 3/16" Weld, Portable, Water Cooled	8,435.54	\$38.80	\$168.95	\$660.32
10 KVA; 3/16" Weld, Stationary (Pneumatic), Water Cooled	3,745.00	\$20.93	\$94.31	\$380.70
10 KVA; 3/16" Weld, Stationary, Water Cooled	4,881.00	\$22.80	\$102.12	\$409.93
10 KVA; Portable (Pneumatic); 3/16"; Water Cooled	8,024.05	\$37.32	\$162.75	\$637.09
10 KVA; Portable; 3/16"; Water Cooled	5,966.60	\$29.90	\$131.75	\$520.93
10 KVA; Stationary (Pneumatic); 3/16"; Water Cooled	8,435.54	\$38.80	\$168.95	\$660.32
10 KVA; Stationary; 3/16"; Water Cooled	2,715.83	\$18.17	\$82.76	\$337.40
20 KVA; Portable (Pneumatic); 1/4"; Water Cooled	3,780.00	\$22.80	\$102.12	\$409.93
20 KVA; Portable; 3/16", Water Cooled	4,833.00	\$24.58	\$109.55	\$437.82
20 KVA; Stationary (Pneumatic); 1/4"; Water Cooled	4,153.00	\$22.80	\$102.12	\$409.93
20 KVA; Stationary; 1/4"; Water Cooled	4,945.00	\$24.96	\$111.12	\$443.70

G. Stud Welders

Electric

5/16"	5,299.88	\$30.89	\$125.88	\$459.18
3/8"	6,839.33	\$41.11	\$167.15	\$608.22
1/2"; Drawn Arc, Single Phase	9,856.40	\$60.11	\$244.72	\$891.73
1/2"; Drawn Arc, Three Phase	9,965.40	\$60.65	\$246.92	\$899.67

Battery

5/8"	14,920.20	\$75.58	\$306.36	\$1,110.86
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H. Welder Power Sources	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
<i>Electric</i>				
90 amp; DC-CV; MIG Package Process	773.16	\$5.20	\$22.88	\$90.26
100 amp; DC-CC Inverter; TIG, Stick Process	1,689.08	\$8.08	\$34.56	\$132.73
100 amp; DC-CC; TIG, Stick Process	1,122.23	\$6.30	\$27.33	\$106.45
130 amp; DC-CV; MIG Package Process	950.3	\$5.76	\$25.14	\$98.47
150 amp; AC/DC-CC; TIG, Stick Process	1,858.93	\$8.62	\$36.73	\$140.60
150 amp; DC-CC Inverter; TIG, Stick Process	2,413.27	\$10.36	\$43.80	\$166.30
160 amp; DC-CV; MIG Package Process	1,694.29	\$8.10	\$34.63	\$132.97
200 amp; DC-CC Inverter; TIG, Stick Process	4,290.96	\$16.25	\$67.75	\$253.37
200 amp; DC-CV; MIG Package Process	2,437.24	\$10.43	\$44.10	\$167.42
201 to 300 amp; DC Inverter; MIG Package Process	8,230.76	\$28.85	\$119.85	\$446.58
225 amp; AC/DC-CC; Stick, TIG Process	613.74	\$5.61	\$25.41	\$103.13
225 amp; AC; Stick Process	401.17	\$4.96	\$22.77	\$93.54
250 amp; AC/DC-CC; Stick Process	1,811.00	\$9.26	\$40.25	\$157.11
250 amp; AC/DC-CC; TIG, Stick Process	3,086.40	\$13.15	\$56.06	\$214.61
250 amp; DC-CC/CV; Multiple Process	4,182.59	\$16.50	\$69.66	\$264.05
275 amp; DC-CC; Stick, TIG Process	2,389.31	\$11.02	\$47.42	\$183.19
300 amp; AC/DC-CC Inverter; TIG, Stick Process	5,502.80	\$20.53	\$86.02	\$323.57
300 amp; DC-CC/CV; Multiple Process	4,088.81	\$16.21	\$68.49	\$259.81
300 amp; DC-CC; Stick Process	3,309.39	\$13.83	\$58.83	\$224.67
300 amp; DC-CV; MIG Process	2,685.23	\$11.93	\$51.09	\$196.53
350 amp; AC/DC-CC; TIG, Stick Process	4,872.39	\$19.32	\$81.79	\$310.93
400 amp; DC-CC/CV; Multiple Process	4,416.00	\$17.93	\$76.13	\$290.35
400 amp; DC-CC; Stick, TIG Process	3,626.16	\$15.52	\$66.34	\$254.73
400 amp; DC-CV; MIG Process	3,567.81	\$15.34	\$65.62	\$252.10
450 amp; DC-CC/CV; Multiple Process	5,791.44	\$22.33	\$94.03	\$355.36
500 amp; DC-CC; Stick, TIG Process	3,868.95	\$16.68	\$71.06	\$271.78
501 to 600 amp; Multiple; DC-CC/CV	4,262.82	\$17.84	\$75.77	\$288.90
501 to 600 amp; Stick, TIG; DC-CC	4,155.50	\$17.53	\$74.48	\$284.24
600 amp; DC-CC/CV; Multiple Process	18,908.10	\$62.08	\$256.71	\$951.93
600 amp; DC-CC; Multiple Process	12,230.00	\$42.45	\$176.92	\$661.59

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
650 amp; DC-CC/CV; Multiple Process	4,386.82	\$19.40	\$83.22	\$320.59
650 amp; DC-CV; MIG Process	4,325.34	\$19.22	\$82.49	\$317.92
1,000 amp; DC-CC/CV; Multiple Process	7,857.72	\$29.06	\$122.54	\$463.81
1,200 amp; AC-CC/CV; Multiple Process	13,781.50	\$46.07	\$191.69	\$715.56
1,500 amp; DC-CC/CV; Multiple Process	14,182.70	\$47.22	\$196.37	\$732.62
2,400 amp; DC-CC; Multiple Process	25,964.60	\$81.04	\$333.90	\$1,233.33

I. Welder/Generators

Electric

250 amp; AC/DC, with Power Source, Gun, 50' Ground and 100' Lead Cables	5,761.78	\$24.61	\$102.49	\$382.90
300 amp	7,529.99	\$31.01	\$128.48	\$477.25
400 amp	18,016.00	\$65.15	\$267.66	\$985.22
600 amp	36,089.00	\$121.94	\$498.34	\$1,823.57

J. Welding Accessories

12 cal/cm ² Arc-flash Kit	661.43	\$2.17	\$8.69	\$31.06
40 cal/cm ² Arc-flash Kit	1,345.44	\$4.42	\$17.68	\$63.18
Allegro 9902-CV High Pressure SAR Mask	317.43	\$1.04	\$4.17	\$14.91
Arc-rated Face Shield	234.34	\$0.77	\$3.08	\$11.00
Arc-rated Personal Protective Clothing - Daily Wear	601	\$1.85	\$7.40	\$26.45
Fuseal Unit FU-100	6,445.79	\$21.34	\$85.39	\$305.09
Insto outfits, less tanks	426.3	\$1.41	\$5.65	\$20.18
Oxy-acetylene Protective Gloves	31.7	\$0.10	\$0.42	\$1.49
Oxy-acetylene Protective Hood	48.23	\$0.16	\$0.63	\$2.26
Oxy-acetylene Protective Outfit	465.11	\$1.53	\$6.11	\$21.84
Prestolite torch Outfits (Less Tanks)	497.95	\$1.64	\$6.54	\$23.38
Welding Blanket	106.78	\$0.35	\$1.40	\$5.01
Welding Cable, 50' length	126.05	\$0.41	\$1.66	\$5.92
Welding Helmet	237.93	\$0.78	\$3.13	\$11.17
Welding Screen	67.85	\$0.22	\$0.89	\$3.19

K. Welding Cylinders

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
10 cu. ft.; 250 psig Service Pressure; 4" Outside Diameter	163.04	\$1.31	\$5.23	\$18.69
20 cu. ft.; 2015 psig Service Pressure; 4" Outside Diameter	70.45	\$3.02	\$13.31	\$52.57
33 cu. ft.; 2015 psig Service Pressure; 6" Outside Diameter	84.53	\$3.13	\$13.74	\$54.12
35 cu. ft.; 250 psig Service Pressure; 6" Outside Diameter	70.45	\$3.02	\$13.31	\$52.57
70 cu. ft.; 250 psig Service Pressure; 7" Outside Diameter	98.62	\$3.23	\$14.16	\$55.67
70 cu. ft.; 260 psig Service Pressure; 15" Outside Diameter	112.71	\$3.34	\$14.59	\$57.22
77 cu. ft.; 2015 psig Service Pressure; 7" Outside Diameter	126.8	\$3.45	\$15.02	\$58.77
125 cu. ft.; 250 psig Service Pressure; 8" Outside Diameter	126.8	\$3.45	\$15.02	\$58.77
144 cu. ft.; 480 psig Service Pressure; 15" Outside Diameter	140.89	\$3.55	\$15.45	\$60.32
144 cu. ft.; 2015 psig Service Pressure; 8" Outside Diameter	154.98	\$3.66	\$15.88	\$61.87
211 cu. ft.; 2015 psig Service Pressure; 9" Outside Diameter	183.16	\$3.87	\$16.74	\$64.98
238 cu. ft.; 2265 psig Service Pressure; 9" Outside Diameter	183.16	\$3.87	\$16.74	\$64.98
285 cu. ft.; 2400 psig Service Pressure; 9" Outside Diameter	197.25	\$3.98	\$17.17	\$66.53

L. Welding Positioners

Electric

0 to 250 lbs	2,296.00	\$10.46	\$43.97	\$165.95
0 to 500 lbs	1,980.00	\$9.21	\$38.91	\$147.46
0 to 1,100 lbs	4,780.00	\$20.22	\$83.79	\$311.36
0 to 11,000 lbs	35,095.00	\$139.34	\$569.70	\$2,085.88

M. Welding Screens	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
6'H X 6'W; Canvas	218.5	\$1.71	\$6.83	\$24.41
6'H X 8'W; Canvas	236.9	\$1.84	\$7.37	\$26.31
6'H X 6'W; Transparent Vinyl	236.95	\$1.84	\$7.37	\$26.32
6'H X 8'W; Transparent Vinyl	258.7	\$2.00	\$8.00	\$28.57
N. Welding Transformer/Rectifiers				
<i>Electric</i>				
250 amp	949.99	\$7.17	\$31.76	\$126.14
300 amp	5,026.00	\$21.94	\$91.68	\$343.64
400 amp	8,639.00	\$35.75	\$148.37	\$552.20
500 amp	10,150.00	\$40.59	\$168.04	\$623.76
600 amp	10,591.00	\$42.12	\$174.26	\$646.36
O. Welding Robots				
Novarc Industries SWR	444,560.00	1,795.57	7,238.01	26,080.86
P. Welding Vises				
Straight	178.11	\$0.99	\$4.43	\$17.84
Elbow	214.9	\$1.09	\$4.85	\$19.36
Angle	254.41	\$1.20	\$5.31	\$20.98
Flange	463.01	\$1.80	\$7.69	\$29.56
Q. Wire Feeders				
<i>Gasoline</i>				
140 amp; Semi-Automatic with Wire Drive and Control, Drive Roll and Guide Tube, Wire Reel, and Input Cable	889.24	\$23.74	\$114.10	\$486.82

SECTION 35: WIRE AND CABLE INSTALLATION TOOLS

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
A. Cable Feeders				
<i>Electric</i>				
Tray Feeder, Motorized	5,385.60	\$25.96	\$111.95	\$433.38
	9,030.62	\$35.67	\$150.62	\$570.72
B. Cable Puller				
<i>Electric</i>				
6,000 lbs and over; Heavy	10,873.20	\$42.39	\$178.54	\$674.80
<i>Manual</i>				
To 6,000 lbs; with Reel Winder	3,048.69	\$10.44	\$42.84	\$157.43
Heavy	5,154.54	\$17.46	\$71.47	\$261.98
C. Cable Pulling Grips				
<i>Hydraulic</i>				
2" to 6"; Mesh	135.36	\$3.32	\$13.73	\$50.93
<i>Manual</i>				
3/4" to 1"; Mesh	105.67	\$0.51	\$2.20	\$8.53
1" to 1-1/4"; Mesh	108.31	\$0.52	\$2.24	\$8.66
1-1/4" to 1-1/2"; Mesh	112.01	\$0.62	\$2.75	\$10.86
1-1/2" to 2"; Mesh	112.7	\$0.54	\$2.30	\$8.89
2" to 2-1/2"; Mesh	135.36	\$0.62	\$2.63	\$10.07
2-1/2" to 3"; Mesh	396.87	\$1.54	\$6.38	\$23.66
D. Cable Spinners				
	61.75	\$0.58	\$2.30	\$8.23

E. CO2 Cylinders	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
5 lbs	71.8	\$0.65	\$2.59	\$9.27
20 lbs	147.5	\$1.20	\$4.78	\$17.08
50 lbs	356.4	\$2.71	\$10.82	\$38.65
F. CO2 Fishing System Kits				
<i>Electric</i>				
Power House System, 50 lb capacity	2,131.80	\$15.23	\$62.79	\$232.04
G. Enclosed Cable Guides				
	281.4	\$2.01	\$8.06	\$28.77
H. Fiberglass Duct Rods				
1/4"; On Reel, 500'	1,212.44	\$4.16	\$16.79	\$60.68
I. Hot Sticks				
4'	262.74	\$2.03	\$8.11	\$28.98
6'	307.53	\$2.35	\$9.41	\$33.61
J. Nylon Ropes				
1/4" X 600'	89.99	\$0.78	\$3.12	\$11.14
1/4" X 1200'	52	\$0.49	\$1.95	\$6.97
1/4" X 2400'	104	\$0.88	\$3.53	\$12.59
3/8" X 600'	53	\$0.49	\$1.98	\$7.07
1/2" X 600'	99.95	\$0.85	\$3.41	\$12.17
1/2" X 2400'	104	\$0.88	\$3.53	\$12.59
5/8" X 600'	125	\$1.03	\$4.13	\$14.76

K. Payout Reels And Stands	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
1 Reel; Adjustable Height	813.56	\$3.40	\$14.33	\$54.10
3 Reel; 99" Height	1,050.00	\$4.26	\$17.80	\$66.76
4 Reel; 123" Height	1,225.00	\$6.83	\$30.07	\$118.84
6 Reel; 144" Height	1,472.46	\$7.72	\$33.73	\$132.23
L. Poly Rope				
1/4" x 100'	19.33	\$0.27	\$1.08	\$3.85
3/8" x 100'	13.32	\$0.23	\$0.90	\$3.23
1/2" x 100'	38.19	\$0.41	\$1.62	\$5.79
3/4" x 100'	46.34	\$0.46	\$1.86	\$6.64
M. Reel Cart				
6 Reel	461.99	\$4.06	\$18.78	\$77.58
N. Reel Jacks				
56"; Screw Type, 2,500 lb Capacity	277.75	\$1.48	\$6.47	\$25.40
96"; Screw Type, 2,500 lb Capacity	365.52	\$1.79	\$7.75	\$30.10
72"; Crank Type, 3,000 lb Capacity	813.56	\$3.40	\$14.33	\$54.10
90"; Ratchet-Drive, 3,750 lb Capacity	1,066.89	\$4.32	\$18.04	\$67.67
O. Reel Lift				
3,000 lb.	922.45	\$3.80	\$15.92	\$59.93
6,000 lb.	1,278.32	\$5.08	\$21.15	\$78.99

	Owning & Operating Rate			
	Est. Price \$	Day \$	Week \$	Month \$
P. Reel Spindle				
2-1/2"	370.75	\$2.81	\$11.24	\$40.14
3"	1,177.06	\$8.64	\$34.55	\$123.40
Q. Reel Stand And Rollers				
	330.08	\$1.67	\$7.23	\$28.20
R. Shotgun Sticks				
	411.4	\$3.10	\$12.41	\$44.33
S. Stringing Blocks				
Various Types	120	\$1.00	\$3.99	\$14.24
T. Vacuum Fishing System				
<i>Electric</i>	1,005.77	\$7.94	\$33.41	\$126.14
U. Wire Benders				
<i>Battery</i>				
2"	510	\$1.80	\$7.31	\$26.51
V. Wire Puller, Light				
Rotating Eye Style	239.3	\$1.86	\$7.44	\$26.56

Appendix I

Regional Rate Adjustment Table

State	Adjustment	State	Adjustment
Alabama	0.933	Mississippi	0.925
Alaska - North	1.083	Missouri	0.96
Alaska - Central	1.035	Montana	0.957
Alaska - South	1.17	Nebraska	0.987
Arizona	0.977	Nevada	0.996
Arkansas	0.935	New Hampshire	1.028
California - North	1.034	New Jersey	1.065
California - South	1.035	New Mexico	0.939
Colorado	1.043	New York	1.055
Connecticut	1.072	North Carolina	0.959
Delaware	0.973	North Dakota	1.029
District of Columbia	1.163	Ohio	0.981
Florida	0.972	Oklahoma	0.947
Georgia	0.961	Oregon	0.965
Hawaii	0.988	Pennsylvania	1.005
Idaho	1.021	Rhode Island	1.023
Illinois	1.017	South Carolina	0.961
Indiana	0.975	South Dakota	0.979
Iowa	0.991	Tennessee	0.967
Kansas	0.981	Texas	0.976
Kentucky	0.947	Utah	0.973
Louisiana	0.936	Vermont	1.036
Maine	1.014	Virginia	1.022
Maryland	1.05	Washington	1.049
Massachusetts	1.084	West Virginia	0.942
Michigan	1.004	Wisconsin	1.006
Minnesota	1.056	Wyoming	1.005

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

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

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 August of 2022, operating costs were calculated using a price of \$4.88 per gallon for gasoline and \$5.70 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 \$5.00 per gallon, then $5.00/5.70 = 0.88$, a 12% decrease.

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

For example, the average percentage for Portable Rotary Screw Air Compressors is 43%.

Therefore, $.43 \times .88 = .3784$, or 37.84%. This is the amount to decrease the published rate to reflect a fuel cost of \$5.00 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.

Equipment Type	Minimum	Maximum	Average	Diesel: \$5.70	Gas: \$4.88
All Terrain Hydraulic Cranes---Single Engine	14.8%	18.1%	16.4%		
Bare Industrial Tractors	30.6%	36.9%	33.8%		
Boats	62.0%	62.0%	62.0%		
Chain Saws	13.9%	24.7%	17.7%		
Concrete Mixer Truck	35.5%	35.9%	35.7%		
Concrete Saws	15.8%	23.1%	19.3%		
Crawler Mounted Cable Plows	44.6%	44.6%	44.6%		
Crawler Mounted Lattice Boom Cranes	2.9%	7.9%	4.8%		
Diaphragm Pumps	15.6%	24.2%	18.7%		
Guardrail Post Driver/Augers For Truck Mounting	18.8%	18.8%	18.8%		
Hand Held Rammers	2.8%	2.8%	2.8%		
Hand Held Vibratory Plate Compactors	1.5%	9.1%	4.4%		
Hand-Held Pavement Breakers	6.6%	6.6%	6.6%		
Heavy Duty Centrifugal Pumps	13.2%	63.5%	31.8%		
Hydraulic Pumps (Power Units)	29.5%	38.5%	34.0%		
Hydraulic Yard Cranes	2.4%	6.0%	4.1%		
I.C. Cushion Tire Lift Trucks	19.4%	38.5%	30.1%		
I.C. Pneumatic Tire Lift Trucks	15.9%	37.1%	25.8%		
I.C. Self Propelled Scissor Lifts	1.9%	5.8%	3.3%		
I.C. Self Propelled Telescopic Boom Aerial Lifts	1.3%	2.7%	2.0%		
I.C. Self-Propelled Articulating Boom Aerial Lifts	1.2%	5.1%	2.8%		
Insulated Bucket Trucks	27.6%	48.8%	39.9%		
Large Generator Sets	60.1%	81.1%	74.2%		
Leaf Blowers	71.2%	71.2%	71.2%		
Lgp Crawler Dozers	2.9%	14.7%	8.1%		
Lgp Crawler Loaders	8.8%	18.3%	15.2%		
Lgp Crawler Loaders	7.0%	15.9%	13.0%		

Equipment Type	Minimum	Maximum	Average	Diesel: \$5.70	Gas: \$4.88
Line Trucks	45.9%	79.9%	64.4%		
Manhole Ventilation Blower	3.8%	3.8%	3.8%		
On-Highway Flatbed Trucks	46.3%	75.2%	62.8%		
On-Highway Light Duty Trucks	53.8%	73.9%	66.1%		
On-Highway Rear Dumps	53.4%	70.6%	61.1%		
On-Highway Truck Tractors	43.3%	74.1%	52.1%		
Portable Earth Augers	29.6%	40.1%	36.6%		
Portable Light Towers	5.1%	9.7%	7.0%		
Portable Reciprocating Air Compressors	47.6%	62.0%	54.4%		
Portable Rotary Screw Air Compressors	10.7%	43.0%	22.4%		
Portable Welders	26.6%	73.0%	45.3%		
Post Drivers	13.2%	13.2%	13.2%		
Pressure Washers Cold	9.9%	17.9%	13.4%		
Pressure Washers Cold	16.9%	24.9%	20.5%		
Pressure Washers Hot	8.5%	17.0%	13.3%		
Rough Terrain Hydraulic Cranes	5.4%	11.6%	8.5%		
Sedans	62.5%	72.4%	66.9%		
Self Priming Trash Pumps	13.0%	54.7%	30.8%		
Single Pullers	34.0%	44.3%	40.3%		
Small Generator Sets	52.3%	77.4%	67.3%		
Sprayers	27.7%	27.7%	27.7%		
Stake-Bed Trucks	39.7%	67.6%	49.2%		
Standard Crawler Dozers	3.4%	36.5%	12.2%		
Standard Crawler Loaders	5.6%	8.9%	7.6%		
Station Wagons	62.6%	63.2%	62.9%		
Straight Mast Rough Terrain Lift Trucks	5.8%	20.4%	11.8%		
Tailgate Trucks	49.6%	49.6%	49.6%		
Straight Mast Rough Terrain Lift Trucks	10.8%	24.2%	17.7%		
Tailgate Trucks	37.8%	37.8%	37.8%		

Equipment Type	Minimum	Maximum	Average	Diesel: \$5.70	Gas: \$4.88
Telescoping Boom Rough Terrain Lift Trucks	3.8%	5.5%	4.7%		
Test Pumps	1.3%	1.3%	1.3%		
Track Carrier	15.0%	15.0%	15.0%		
Track Tractors	5.3%	6.9%	6.1%		
Tractor-Loader-Backhoes	3.5%	12.7%	8.2%		
Tractor-Loaders	8.7%	11.7%	10.0%		
Trailer Mounted Arrow Boards	13.5%	20.0%	16.8%		
Truck Mounted Hydraulic Cranes---Single Engine	17.0%	30.6%	23.1%		
Truck Mounted Lattice Boom Cranes	11.0%	16.3%	14.8%		
Trucks, Platform Or Stake	40.3%	68.3%	54.0%		
Utility Vehicles	26.9%	44.3%	31.9%		
Vacuum Excavators	12.0%	12.0%	12.0%		
Vacuum Trailers	16.5%	16.5%	16.5%		
Vans	64.6%	68.5%	66.8%		
Vehicle Attachments	70.0%	70.0%	70.0%		
Welding Robots	2.3%	2.3%	2.3%		
Wheel Mounted Cable Plows	13.0%	14.9%	13.9%		
Wheel Tractors	4.6%	25.1%	15.7%		
Wire Feeders	70.9%	70.9%	70.9%		

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