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'Appendix A' - Machine Rental Rate Table (2024)

Section	Type of Machinery	-	HOURLY RATES	HOURLY RATES (90%)	8 Hour Shift (WEEKLY)	10 Hour Shift (WEEKLY)	8 Hour Shift (MONTHLY)	10 Hour Shift (MONTHLY)
<b>1</b>	<b>AIR EQUIPMENT AND TOOLS</b>							
1	<b>Compressors portable or self propelled</b>							
1	<i>Gas or diesel - Includes 50' (15.25 m) of hose and couplings</i>							
1	60 - 85 cfm (0.02 - 0.04 m³/s)	\$	12.75	\$ 11.50	\$ 459.00	\$ 573.75	\$ 1,927.75	\$ 2,409.75
1	86 - 150 cfm (0.04 - 0.07 m³/s)	\$	15.50	\$ 14.00	\$ 558.00	\$ 697.50	\$ 2,343.50	\$ 2,929.50
1	151 - 215 cfm (0.07 - 0.10 m³/s)	\$	25.00	\$ 22.50	\$ 900.00	\$ 1,125.00	\$ 3,780.00	\$ 4,725.00
1	216 - 325 cfm (0.10 - 0.15 m³/s)	\$	34.75	\$ 31.25	\$ 1,251.00	\$ 1,563.75	\$ 5,254.25	\$ 6,567.75
1	326 - 450 cfm (0.15 - 0.21 m³/s)	\$	46.25	\$ 41.75	\$ 1,665.00	\$ 2,081.25	\$ 6,993.00	\$ 8,741.25
1	451 - 600 cfm (0.21 - 0.28 m³/s)	\$	71.50	\$ 64.25	\$ 2,574.00	\$ 3,217.50	\$ 10,810.75	\$ 13,513.50
1	601 - 750 cfm (0.28 - 0.35 m³/s)	\$	80.50	\$ 72.50	\$ 2,898.00	\$ 3,622.50	\$ 12,171.50	\$ 15,214.50
1	751 - 900 cfm (0.35 - 0.42 m³/s)	\$	92.25	\$ 83.00	\$ 3,321.00	\$ 4,151.25	\$ 13,948.25	\$ 17,435.25
1	901 - 1,200 cfm (0.42 - 0.56 m³/s)	\$	105.00	\$ 94.50	\$ 3,780.00	\$ 4,725.00	\$ 15,876.00	\$ 19,845.00
1	1,201 - 1,400 cfm (0.56 - 0.66 m³/s)	\$	116.75	\$ 105.00	\$ 4,203.00	\$ 5,253.75	\$ 17,652.50	\$ 22,065.75
1	1,401 - 1,600 cfm (0.66 - 0.75 m³/s)	\$	128.50	\$ 115.75	\$ 4,626.00	\$ 5,782.50	\$ 19,429.25	\$ 24,286.50
1	1,601 - 1,800 cfm (0.75 - 0.84 m³/s)	\$	140.75	\$ 126.75	\$ 5,067.00	\$ 6,333.75	\$ 21,281.50	\$ 26,601.75
1								
1	<b>Jackhammers</b>							
1	Up to 60 lbs (0 - 27.2 kg)	\$	3.75	\$ 3.50	\$ 135.00	\$ 168.75	\$ 567.00	\$ 708.75
1	61 - 80 lbs (27.3 - 36.3 kg)	\$	4.00	\$ 3.50	\$ 144.00	\$ 180.00	\$ 604.75	\$ 756.00
1	81 - 100 lbs (36.4 - 45.4 kg)	\$	4.25	\$ 3.75	\$ 153.00	\$ 191.25	\$ 642.50	\$ 803.25
1	101 - 110 lbs (45.5 - 49.9 kg)	\$	4.50	\$ 4.00	\$ 162.00	\$ 202.50	\$ 680.50	\$ 850.50
1								
1	<b>Pavement breaker</b>							
1	30 - 40 lbs (13.6 - 18.1 kg)	\$	3.50	\$ 3.25	\$ 126.00	\$ 157.50	\$ 529.25	\$ 661.50
1	41 - 60 lbs (18.2 - 27.2 kg)	\$	3.75	\$ 3.50	\$ 135.00	\$ 168.75	\$ 567.00	\$ 708.75
1	61 - 80 lbs (27.3 - 36.3 kg)	\$	4.00	\$ 3.50	\$ 144.00	\$ 180.00	\$ 604.75	\$ 756.00
1	<i>Gasoline driven</i>	\$	8.25	\$ 7.50	\$ 297.00	\$ 371.25	\$ 1,247.50	\$ 1,559.25
1								
1	<b>Crawler mounted drills complete with hammer</b>							
1	<i>Air track type:</i>							
1	Up to 3" bore (0.07 m)	\$	44.00	\$ 39.50	\$ 1,584.00	\$ 1,980.00	\$ 6,652.75	\$ 8,316.00
1	3 ¼" - 4" bore (0.08 - 0.10 m)	\$	50.50	\$ 45.50	\$ 1,818.00	\$ 2,272.50	\$ 7,635.50	\$ 9,544.50
1	4 ¼" - 5" bore (0.11 - 0.12 m)	\$	61.00	\$ 55.00	\$ 2,196.00	\$ 2,745.00	\$ 9,223.25	\$ 11,529.00
1	5 ¼" - 6" bore (0.13 - 0.15 m)	\$	72.75	\$ 65.50	\$ 2,619.00	\$ 3,273.75	\$ 10,999.75	\$ 13,749.75
1								
1	<i>Full hydraulic type:</i>							
1	2" - 4" bore (0.05 - 0.10 m)	\$	130.25	\$ 117.25	\$ 4,689.00	\$ 5,861.25	\$ 19,693.75	\$ 24,617.25
1	4 ¼" - 6" bore (0.11 - 0.15 m)	\$	176.25	\$ 158.75	\$ 6,345.00	\$ 7,931.25	\$ 26,649.00	\$ 33,311.25
<b>2</b>	<b>ASPHALT AND BITUMINOUS EQUIPMENT</b>							
2	<b>Asphalt distributor</b>							
2	Up to 1,000 U.S. gal. (3,785 L)	\$	86.25	\$ 77.75	\$ 3,105.00	\$ 3,881.25	\$ 13,041.00	\$ 16,301.25
2	1,001 - 1,500 U.S. gal. (3,786 - 5,680 L)	\$	97.25	\$ 87.50	\$ 3,501.00	\$ 4,376.25	\$ 14,704.25	\$ 18,380.25
2	1,501 - 2,000 U.S. gal. (5,681 - 7,574 L)	\$	107.50	\$ 96.75	\$ 3,870.00	\$ 4,837.50	\$ 16,254.00	\$ 20,317.50
2	2,001 - 2,500 U.S. gal. (7,575 - 9,465 L)	\$	117.75	\$ 106.00	\$ 4,239.00	\$ 5,298.75	\$ 17,803.75	\$ 22,254.75
2	2,501 - 6,000 U.S. gal. (9,466 - 22,712 L)	\$	128.50	\$ 115.75	\$ 4,626.00	\$ 5,782.50	\$ 19,429.25	\$ 24,286.50

2	<b>Asphalt haulers</b>												
2	Asphalt hauler 4,000 U.S. gal. and up (15,142 L)	\$	70.25	\$	63.25	\$	2,529.00	\$	3,161.25	\$	10,621.75	\$	13,277.25
2	Tri-axle asphalt hauler 7,500 U.S. gal. (28,391 L)	\$	107.00	\$	96.25	\$	3,852.00	\$	4,815.00	\$	16,178.50	\$	20,223.00
2													
2	<b>Spreaders and finishers (Asphalt Paver)</b>												
2	<i>Crawler or rubber mounted with electro-screed control</i>												
2	Small - 10' (3.05 m)	\$	107.25	\$	96.50	\$	3,861.00	\$	4,826.25	\$	16,216.25	\$	20,270.25
2	Medium - 10' - 14' (3.06 - 4.27 m)	\$	158.25	\$	142.50	\$	5,697.00	\$	7,121.25	\$	23,927.50	\$	29,909.25
2	Large - 14' - 20' (4.28 - 6.10 m)	\$	236.25	\$	212.75	\$	8,505.00	\$	10,631.25	\$	35,721.00	\$	44,651.25
2													
2	<b>Asphalt milling machine/profiler</b>												
2	<i>Self propelled crawler or rubber mounted with automatic grade and slope control</i>												
2	<i>Cutting teeth not included</i>												
2	Up to 14" width (0.36 m)	\$	179.50	\$	161.50	\$	6,462.00	\$	8,077.50	\$	27,140.50	\$	33,925.50
2	18" - 36" (0.46 - 0.91 m)	\$	281.75	\$	253.50	\$	10,143.00	\$	12,678.75	\$	42,600.50	\$	53,250.75
2	37" - 55" (0.94 - 1.40 m)	\$	418.25	\$	376.50	\$	15,057.00	\$	18,821.25	\$	63,239.50	\$	79,049.25
2	56" - 80" (1.42 - 2.03 m)	\$	542.50	\$	488.25	\$	19,530.00	\$	24,412.50	\$	82,026.00	\$	102,532.50
2	81" - 99" (2.05 - 2.51 m)	\$	682.50	\$	614.25	\$	24,570.00	\$	30,712.50	\$	103,194.00	\$	128,992.50
2	100" - 150" (2.54 - 3.81 m)	\$	843.50	\$	759.25	\$	30,366.00	\$	37,957.50	\$	127,537.25	\$	159,421.50
2													
2	<b>Material Transfer Vehicle</b>												
2	Self propelled, min. storage capacity- 20 tons with conveyer system and either												
2	(a) an auger system or (b) paddle mixers in the hopper insert	\$	328.75	\$	296.00	\$	11,835.00	\$	14,793.75	\$	49,707.00	\$	62,133.75
<b>3</b>	<b>BROOMS</b>												
3	<b>Towed - add to hauling unit</b>												
3													
3	Self propelled - See "Tractors Industrial and farm tractors"												
3													
3	<i>Friction driven</i>	\$	9.00	\$	8.00	\$	324.00	\$	405.00	\$	1,360.75	\$	1,701.00
3													
3	<i>Engine Driven</i>												
3	5 ft	\$	7.25	\$	6.50	\$	261.00	\$	326.25	\$	1,096.25	\$	1,370.25
3	6 ft	\$	10.00	\$	9.00	\$	360.00	\$	450.00	\$	1,512.00	\$	1,890.00
3	7ft	\$	13.25	\$	12.00	\$	477.00	\$	596.25	\$	2,003.50	\$	2,504.25
3	8 ft	\$	16.00	\$	14.50	\$	576.00	\$	720.00	\$	2,419.25	\$	3,024.00
3	9 ft	\$	17.75	\$	16.00	\$	639.00	\$	798.75	\$	2,683.75	\$	3,354.75
3													
3	<i>Water for Dust Suppression</i>	\$	6.00	\$	-	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00
<b>4</b>	<b>COMPACTION EQUIPMENT</b>												
4	<b>Compactors - manually guided</b>												
4													
4	<i>Rammer type:</i>												
4	Up to 165 lbs (75 kg)	\$	9.50	\$	8.50	\$	342.00	\$	427.50	\$	1,436.50	\$	1,795.50
4													
4	<i>Vibratory Plate type:</i>												
4	Up to 325 lbs (147 kg)	\$	12.00	\$	10.75	\$	432.00	\$	540.00	\$	1,814.50	\$	2,268.00
4	326 - 450 lbs (148 - 204 kg)	\$	14.75	\$	13.25	\$	531.00	\$	663.75	\$	2,230.25	\$	2,787.75
4	451 - 600 lbs (205 - 272 kg)	\$	18.00	\$	16.25	\$	648.00	\$	810.00	\$	2,721.50	\$	3,402.00
4	601 - 1,000 lbs (273 - 454 kg)	\$	21.25	\$	19.25	\$	765.00	\$	956.25	\$	3,213.00	\$	4,016.25
4	1001 - 1250 lbs (455 - 567kg)	\$	27.00	\$	24.25	\$	972.00	\$	1,215.00	\$	4,082.50	\$	5,103.00
4	1251-1500 lbs (568 - 680kg)	\$	29.50	\$	26.50	\$	1,062.00	\$	1,327.50	\$	4,460.50	\$	5,575.50



5	Up to 1 ¾" head (0.04 m)	\$ 4.50	\$ 4.00	\$ 162.00	\$ 202.50	\$ 680.50	\$ 850.50
5	2" - 2 ½" head (0.05 - 0.07 m)	\$ 5.25	\$ 4.75	\$ 189.00	\$ 236.25	\$ 793.75	\$ 992.25
5	3" head and over (0.08 m)	\$ 5.50	\$ 5.00	\$ 198.00	\$ 247.50	\$ 831.50	\$ 1,039.50
5							
5	<b>Mortar mixer - all sizes</b>	\$ 4.00	\$ 3.50	\$ 144.00	\$ 180.00	\$ 604.75	\$ 756.00
5							
5	<b>Spreader finisher</b>	\$ 9.50	\$ 8.50	\$ 342.00	\$ 427.50	\$ 1,436.50	\$ 1,795.50
5							
5	<b>Concrete saws</b>						
5	<i>Self propelled without blades:</i>						
5	9 hp (7 kW)	\$ 12.00	\$ 10.75	\$ 432.00	\$ 540.00	\$ 1,814.50	\$ 2,268.00
5	18 hp (13 kW)	\$ 18.00	\$ 16.25	\$ 648.00	\$ 810.00	\$ 2,721.50	\$ 3,402.00
5	35 hp (26 kW)	\$ 25.00	\$ 22.50	\$ 900.00	\$ 1,125.00	\$ 3,780.00	\$ 4,725.00
5	65 hp (48 kW)	\$ 32.75	\$ 29.50	\$ 1,179.00	\$ 1,473.75	\$ 4,951.75	\$ 6,189.75
5							
5	<i>Hand held without blades:</i>						
5	12" dia.(0.30 m), 4 hp (3 kW)	\$ 5.00	\$ 4.50	\$ 180.00	\$ 225.00	\$ 756.00	\$ 945.00
5	14" dia. (0.36 m), 6 hp (4 kW)	\$ 6.25	\$ 5.75	\$ 225.00	\$ 281.25	\$ 945.00	\$ 1,181.25
5	18" dia. (0.46 m), 13 hp (10 kW)	\$ 9.00	\$ 8.00	\$ 324.00	\$ 405.00	\$ 1,360.75	\$ 1,701.00
5							
<b>6</b>	<b>CRANES AND DRAGLINES</b>						
6							
6	<b>Crawler mounted - cable</b>						
6	12 - 15 t	\$ 92.50	\$ 83.25	\$ 3,330.00	\$ 4,162.50	\$ 13,986.00	\$ 17,482.50
6	16 - 25 t	\$ 122.00	\$ 109.75	\$ 4,392.00	\$ 5,490.00	\$ 18,446.50	\$ 23,058.00
6	26 - 30 t	\$ 147.00	\$ 132.25	\$ 5,292.00	\$ 6,615.00	\$ 22,226.50	\$ 27,783.00
6	31 - 40 t	\$ 182.25	\$ 164.00	\$ 6,561.00	\$ 8,201.25	\$ 27,556.25	\$ 34,445.25
6	41 - 50 t	\$ 211.75	\$ 190.50	\$ 7,623.00	\$ 9,528.75	\$ 32,016.50	\$ 40,020.75
6	51 - 60 t	\$ 245.50	\$ 221.00	\$ 8,838.00	\$ 11,047.50	\$ 37,119.50	\$ 46,399.50
6	61 - 70 t	\$ 278.50	\$ 250.75	\$ 10,026.00	\$ 12,532.50	\$ 42,109.25	\$ 52,636.50
6	71 - 80 t	\$ 315.00	\$ 283.50	\$ 11,340.00	\$ 14,175.00	\$ 47,628.00	\$ 59,535.00
6	81 - 90 t	\$ 350.50	\$ 315.50	\$ 12,618.00	\$ 15,772.50	\$ 52,995.50	\$ 66,244.50
6	91 - 100 t	\$ 370.75	\$ 333.75	\$ 13,347.00	\$ 16,683.75	\$ 56,057.50	\$ 70,071.75
6	101 - 130 t	\$ 432.50	\$ 389.25	\$ 15,570.00	\$ 19,462.50	\$ 65,394.00	\$ 81,742.50
6	131 - 160 t	\$ 533.50	\$ 480.25	\$ 19,206.00	\$ 24,007.50	\$ 80,665.25	\$ 100,831.50
6	161 - 200 t	\$ 621.00	\$ 559.00	\$ 22,356.00	\$ 27,945.00	\$ 93,895.25	\$ 117,369.00
6							
6	<b>Truck mounted - cable</b>						
6	10 - 14 t	\$ 108.00	\$ 97.25	\$ 3,888.00	\$ 4,860.00	\$ 16,329.50	\$ 20,412.00
6	15 - 20 t	\$ 137.50	\$ 123.75	\$ 4,950.00	\$ 6,187.50	\$ 20,790.00	\$ 25,987.50
6	21 - 30 t	\$ 167.00	\$ 150.25	\$ 6,012.00	\$ 7,515.00	\$ 25,250.50	\$ 31,563.00
6	31 - 40 t	\$ 192.50	\$ 173.25	\$ 6,930.00	\$ 8,662.50	\$ 29,106.00	\$ 36,382.50
6	41 - 50 t	\$ 241.25	\$ 217.25	\$ 8,685.00	\$ 10,856.25	\$ 36,477.00	\$ 45,596.25
6	51 - 65 t	\$ 262.25	\$ 236.00	\$ 9,441.00	\$ 11,801.25	\$ 39,652.25	\$ 49,565.25
6	66 - 80 t	\$ 306.50	\$ 275.75	\$ 11,034.00	\$ 13,792.50	\$ 46,342.75	\$ 57,928.50
6	81 - 90 t	\$ 363.25	\$ 327.00	\$ 13,077.00	\$ 16,346.25	\$ 54,923.50	\$ 68,654.25
6	91 - 100 t	\$ 403.75	\$ 363.50	\$ 14,535.00	\$ 18,168.75	\$ 61,047.00	\$ 76,308.75
6	101 - 130 t	\$ 449.50	\$ 404.50	\$ 16,182.00	\$ 20,227.50	\$ 67,964.50	\$ 84,955.50
6	131 - 160 t	\$ 569.50	\$ 512.50	\$ 20,502.00	\$ 25,627.50	\$ 86,108.50	\$ 107,635.50
6	161 - 200 t	\$ 662.25	\$ 596.00	\$ 23,841.00	\$ 29,801.25	\$ 100,132.25	\$ 125,165.25
6							
6	<b>Truck mounted - hydraulic</b>						
6	5 - 10 t	\$ 84.00	\$ 75.50	\$ 3,024.00	\$ 3,780.00	\$ 12,700.75	\$ 15,876.00
6	11 - 15 t	\$ 119.00	\$ 107.00	\$ 4,284.00	\$ 5,355.00	\$ 17,992.75	\$ 22,491.00
6	16 - 20 t	\$ 128.25	\$ 115.50	\$ 4,617.00	\$ 5,771.25	\$ 19,391.50	\$ 24,239.25

6	21 - 25 t	\$	154.25	\$	138.75	\$	5,553.00	\$	6,941.25	\$	23,322.50	\$	29,153.25
6	26 - 35 t	\$	173.25	\$	156.00	\$	6,237.00	\$	7,796.25	\$	26,195.50	\$	32,744.25
6	36 - 40 t	\$	191.25	\$	172.25	\$	6,885.00	\$	8,606.25	\$	28,917.00	\$	36,146.25
6	41 - 45 t	\$	208.75	\$	188.00	\$	7,515.00	\$	9,393.75	\$	31,563.00	\$	39,453.75
6	46 - 50 t	\$	251.75	\$	226.50	\$	9,063.00	\$	11,328.75	\$	38,064.50	\$	47,580.75
6	51 - 60 t	\$	271.75	\$	244.50	\$	9,783.00	\$	12,228.75	\$	41,088.50	\$	51,360.75
6	61 - 65 t	\$	291.50	\$	262.25	\$	10,494.00	\$	13,117.50	\$	44,074.75	\$	55,093.50
6	66 - 75 t	\$	320.75	\$	288.75	\$	11,547.00	\$	14,433.75	\$	48,497.50	\$	60,621.75
6	76 - 85 t	\$	331.00	\$	298.00	\$	11,916.00	\$	14,895.00	\$	50,047.25	\$	62,559.00
6	86 - 95 t	\$	339.75	\$	305.75	\$	12,231.00	\$	15,288.75	\$	51,370.25	\$	64,212.75
6	96 - 105 t	\$	349.00	\$	314.00	\$	12,564.00	\$	15,705.00	\$	52,768.75	\$	65,961.00
6	106 - 115 t	\$	358.00	\$	322.25	\$	12,888.00	\$	16,110.00	\$	54,129.50	\$	67,662.00
6	116 - 125 t	\$	366.50	\$	329.75	\$	13,194.00	\$	16,492.50	\$	55,414.75	\$	69,268.50
6	126 - 150 t	\$	432.50	\$	389.25	\$	15,570.00	\$	19,462.50	\$	65,394.00	\$	81,742.50
6	151 - 200 t	\$	464.00	\$	417.50	\$	16,704.00	\$	20,880.00	\$	70,156.75	\$	87,696.00
6	Man bucket, add	\$	1.50	\$	-	\$	54.00	\$	67.50	\$	226.75	\$	283.50

## 7 FRONT END LOADERS

### 7 Skid Steers rubber tired lift capacity

7	Up to 320 kg	\$	32.75	\$	29.50	\$	1,179.00	\$	1,473.75	\$	4,951.75	\$	6,189.75
7	321 - 650 kg	\$	38.00	\$	34.25	\$	1,368.00	\$	1,710.00	\$	5,745.50	\$	7,182.00
7	651 - 850 kg	\$	41.75	\$	37.50	\$	1,503.00	\$	1,878.75	\$	6,312.50	\$	7,890.75
7	851 - 1,100 kg	\$	48.50	\$	43.75	\$	1,746.00	\$	2,182.50	\$	7,333.25	\$	9,166.50
7	1,101 - 1,400 kg	\$	54.75	\$	49.25	\$	1,971.00	\$	2,463.75	\$	8,278.25	\$	10,347.75
7	1,401 kg and up	\$	63.00	\$	56.75	\$	2,268.00	\$	2,835.00	\$	9,525.50	\$	11,907.00

### 7 Skid Steers - Tracked lift capacity

7	Up to 320 kg	\$	38.50	\$	34.75	\$	1,386.00	\$	1,732.50	\$	5,821.25	\$	7,276.50
7	321 - 650 kg	\$	43.75	\$	39.50	\$	1,575.00	\$	1,968.75	\$	6,615.00	\$	8,268.75
7	651 - 850 kg	\$	47.50	\$	42.75	\$	1,710.00	\$	2,137.50	\$	7,182.00	\$	8,977.50
7	851 - 1,100 kg	\$	54.50	\$	49.00	\$	1,962.00	\$	2,452.50	\$	8,240.50	\$	10,300.50
7	1,101 - 1,400 kg	\$	60.50	\$	54.50	\$	2,178.00	\$	2,722.50	\$	9,147.50	\$	11,434.50
7	1,401 kg and up	\$	69.00	\$	62.00	\$	2,484.00	\$	3,105.00	\$	10,432.75	\$	13,041.00

### 7 Skid Steers Attachments

7	300 mm Auger	\$	3.25	\$	-	\$	117.00	\$	146.25	\$	491.50	\$	614.25
7	Backhoe	\$	5.00	\$	-	\$	180.00	\$	225.00	\$	756.00	\$	945.00
7	Breaker	\$	11.25	\$	-	\$	405.00	\$	506.25	\$	1,701.00	\$	2,126.25
7	Cold Planer	\$	17.25	\$	-	\$	621.00	\$	776.25	\$	2,608.25	\$	3,260.25
7	Multi Bucket	\$	4.25	\$	-	\$	153.00	\$	191.25	\$	642.50	\$	803.25
7	Pick Up Broom	\$	6.25	\$	-	\$	225.00	\$	281.25	\$	945.00	\$	1,181.25
7	Power Rake	\$	7.75	\$	-	\$	279.00	\$	348.75	\$	1,171.75	\$	1,464.75
7	Scarifier	\$	9.25	\$	-	\$	333.00	\$	416.25	\$	1,398.50	\$	1,748.25
7	Steel Tracks	\$	2.25	\$	-	\$	81.00	\$	101.25	\$	340.25	\$	425.25
7	Sweeper	\$	12.75	\$	-	\$	459.00	\$	573.75	\$	1,927.75	\$	2,409.75
7	Trencher	\$	3.50	\$	-	\$	126.00	\$	157.50	\$	529.25	\$	661.50

### 7 Rubber tired four wheel drive

7	10 - 24 net engine hp (7 - 18 kW)	\$	50.75	\$	45.75	\$	1,827.00	\$	2,283.75	\$	7,673.50	\$	9,591.75
7	25 - 39 net engine hp (19 - 29 kW)	\$	59.75	\$	53.75	\$	2,151.00	\$	2,688.75	\$	9,034.25	\$	11,292.75
7	40 - 54 net engine hp (30 - 40 kW)	\$	69.25	\$	62.25	\$	2,493.00	\$	3,116.25	\$	10,470.50	\$	13,088.25
7	55 - 69 net engine hp (41 - 51 kW)	\$	72.50	\$	65.25	\$	2,610.00	\$	3,262.50	\$	10,962.00	\$	13,702.50
7	70 - 84 net engine hp (52 - 63 kW)	\$	78.25	\$	70.50	\$	2,817.00	\$	3,521.25	\$	11,831.50	\$	14,789.25
7	85 - 99 net engine hp (63 - 74 kW)	\$	84.00	\$	75.50	\$	3,024.00	\$	3,780.00	\$	12,700.75	\$	15,876.00



10	<b>Utility tractor type</b>												
10	8 - 12 hp (6 - 9 kW)	\$	4.00	\$	3.50	\$	144.00	\$	180.00	\$	604.75	\$	756.00
10	13 - 19 hp (10 - 14 kW)	\$	7.75	\$	7.00	\$	279.00	\$	348.75	\$	1,171.75	\$	1,464.75
10	20 - 25 hp (15 - 19 kW)	\$	11.75	\$	10.50	\$	423.00	\$	528.75	\$	1,776.50	\$	2,220.75

## 11 PILE DRIVING EQUIPMENT

### 11 Diesel hammer - not including leads

#### 11 Open head

11	9,000 - 16,000 ft lbs (12,202 - 21,693 N·m)	\$	42.75	\$	38.50	\$	1,539.00	\$	1,923.75	\$	6,463.75	\$	8,079.75
11	17,000 - 19,000 ft lbs (23,049 - 25,761 N·m)	\$	49.75	\$	44.75	\$	1,791.00	\$	2,238.75	\$	7,522.25	\$	9,402.75
11	20,000 - 21,000 ft lbs (27,116 - 28,472 Nm)	\$	51.50	\$	46.25	\$	1,854.00	\$	2,317.50	\$	7,786.75	\$	9,733.50
11	22,000 - 26,000 ft lbs (29,828 - 35,251 N·m)	\$	56.25	\$	50.75	\$	2,025.00	\$	2,531.25	\$	8,505.00	\$	10,631.25
11	27,000 - 30,000 ft lbs (36,607 - 40,675 N·m)	\$	60.25	\$	54.25	\$	2,169.00	\$	2,711.25	\$	9,109.75	\$	11,387.25
11	31,000 - 39,000 ft lbs (42,030 - 52,877 N·m)	\$	76.00	\$	68.50	\$	2,736.00	\$	3,420.00	\$	11,491.25	\$	14,364.00
11	40,000 - 59,000 ft lbs (54,233 - 79,993 N·m)	\$	95.00	\$	85.50	\$	3,420.00	\$	4,275.00	\$	14,364.00	\$	17,955.00
11	60,000 - 83,000 ft lbs (81,349 - 112,533 N·m)	\$	122.00	\$	109.75	\$	4,392.00	\$	5,490.00	\$	18,446.50	\$	23,058.00
11	84,000 - 100,000 ft lbs (113,889 - 135,582 N·m)	\$	174.75	\$	157.25	\$	6,291.00	\$	7,863.75	\$	26,422.25	\$	33,027.75

#### 11 Closed head

11	8,000 - 10,000 ft lbs (10,847 - 13,558 N·m)	\$	37.00	\$	33.25	\$	1,332.00	\$	1,665.00	\$	5,594.50	\$	6,993.00
11	15,000 - 21,000 ft lbs (20,337 - 28,472 N·m)	\$	62.75	\$	56.50	\$	2,259.00	\$	2,823.75	\$	9,487.75	\$	11,859.75
11	26,000 - 31,000 ft lbs (35,251 - 42,030 N·m)	\$	76.25	\$	68.75	\$	2,745.00	\$	3,431.25	\$	11,529.00	\$	14,411.25
11	32,000 - 40,000 ft lbs (43,386 - 54,233 N·m)	\$	87.50	\$	78.75	\$	3,150.00	\$	3,937.50	\$	13,230.00	\$	16,537.50
11	45,000 - 50,000 ft lbs (61,012 - 67,791 N·m)	\$	105.75	\$	95.25	\$	3,807.00	\$	4,758.75	\$	15,989.50	\$	19,986.75

### 11 Air or steam hammer - not including leads

#### 11 Single acting

11	15,000 - 17,000 ft lbs (20,337 - 23,049 N·m)	\$	54.75	\$	49.25	\$	1,971.00	\$	2,463.75	\$	8,278.25	\$	10,347.75
11	18,000 - 22,000 ft lbs (24,405 - 29,828 N·m)	\$	62.00	\$	55.75	\$	2,232.00	\$	2,790.00	\$	9,374.50	\$	11,718.00
11	23,000 - 28,000 ft lbs (31,184 - 37,963 N·m)	\$	68.50	\$	61.75	\$	2,466.00	\$	3,082.50	\$	10,357.25	\$	12,946.50
11	29,000 - 33,000 ft lbs (39,319 - 44,742 N·m)	\$	79.50	\$	71.50	\$	2,862.00	\$	3,577.50	\$	12,020.50	\$	15,025.50
11	34,000 - 39,000 ft lbs (46,098 - 52,877 N·m)	\$	97.25	\$	87.50	\$	3,501.00	\$	4,376.25	\$	14,704.25	\$	18,380.25
11	40,000 - 47,000 ft lbs (54,233 - 63,723 N·m)	\$	113.25	\$	102.00	\$	4,077.00	\$	5,096.25	\$	17,123.50	\$	21,404.25
11	48,000 - 55,000 ft lbs (65,079 - 74,570 N·m)	\$	131.00	\$	118.00	\$	4,716.00	\$	5,895.00	\$	19,807.25	\$	24,759.00
11	56,000 - 65,000 ft lbs (75,926 - 88,128 N·m)	\$	146.50	\$	131.75	\$	5,274.00	\$	6,592.50	\$	22,150.75	\$	27,688.50
11	90,000 - 95,000 ft lbs (122,024 - 128,803 N·m)	\$	194.75	\$	175.25	\$	7,011.00	\$	8,763.75	\$	29,446.25	\$	36,807.75

#### 11 Double acting

11	1,000 - 2,400 ft lbs (1,356 - 3,254 N·m)	\$	21.25	\$	19.25	\$	765.00	\$	956.25	\$	3,213.00	\$	4,016.25
11	2,500 - 3,500 ft lbs (3,390 - 4,745 N·m)	\$	25.75	\$	23.25	\$	927.00	\$	1,158.75	\$	3,893.50	\$	4,866.75
11	3,600 - 4,800 ft lbs (4,881 - 6,508 N·m)	\$	31.75	\$	28.50	\$	1,143.00	\$	1,428.75	\$	4,800.50	\$	6,000.75
11	7,200 - 10,000 ft lbs (9,762 - 13,558 N·m)	\$	41.00	\$	37.00	\$	1,476.00	\$	1,845.00	\$	6,199.25	\$	7,749.00
11	11,000 - 14,000 ft lbs (14,914 - 18,981 N·m)	\$	49.75	\$	44.75	\$	1,791.00	\$	2,238.75	\$	7,522.25	\$	9,402.75
11	15,000 - 18,000 ft lbs (20,337 - 24,405 N·m)	\$	56.75	\$	51.00	\$	2,043.00	\$	2,553.75	\$	8,580.50	\$	10,725.75
11	19,000 - 22,000 ft lbs (25,761 - 29,828 N·m)	\$	70.75	\$	63.75	\$	2,547.00	\$	3,183.75	\$	10,697.50	\$	13,371.75
11	23,000 - 26,000 ft lbs (31,184 - 35,251 N·m)	\$	79.50	\$	71.50	\$	2,862.00	\$	3,577.50	\$	12,020.50	\$	15,025.50

### 11 Drop hammers - not including leads

11	1,000 lbs (453 kg)	\$	3.00	\$	2.75	\$	108.00	\$	135.00	\$	453.50	\$	567.00
11	1,500 lbs (680 kg)	\$	4.50	\$	4.00	\$	162.00	\$	202.50	\$	680.50	\$	850.50
11	2,000 lbs (907 kg)	\$	5.50	\$	5.00	\$	198.00	\$	247.50	\$	831.50	\$	1,039.50
11	2,500 lbs (1,134 kg)	\$	7.50	\$	6.75	\$	270.00	\$	337.50	\$	1,134.00	\$	1,417.50
11	3,000 lbs (1,360 kg)	\$	8.75	\$	8.00	\$	315.00	\$	393.75	\$	1,323.00	\$	1,653.75
11	4,000 lbs (1,814 kg)	\$	11.25	\$	10.25	\$	405.00	\$	506.25	\$	1,701.00	\$	2,126.25



11	5,000 lbs (2,268 kg)	\$	13.75	\$	12.50	\$	495.00	\$	618.75	\$	2,079.00	\$	2,598.75
11	6,000 lbs (2,721 kg)	\$	15.50	\$	14.00	\$	558.00	\$	697.50	\$	2,343.50	\$	2,929.50
11	7,000 lbs (3,175 kg)	\$	16.50	\$	14.75	\$	594.00	\$	742.50	\$	2,494.75	\$	3,118.50
11	8,000lbs (3,628 kg)	\$	18.50	\$	16.75	\$	666.00	\$	832.50	\$	2,797.25	\$	3,496.50
11	10,000lbs (4,535 kg)	\$	20.25	\$	18.25	\$	729.00	\$	911.25	\$	3,061.75	\$	3,827.25
11	12,000lbs (5,443 kg)	\$	24.50	\$	22.00	\$	882.00	\$	1,102.50	\$	3,704.50	\$	4,630.50
11	14,000lbs (6,350 kg)	\$	28.50	\$	25.75	\$	1,026.00	\$	1,282.50	\$	4,309.25	\$	5,386.50
11													
11	<b>Extractors - air or steam</b>												
11	600 - 700 ft lbs (813 - 949 N·m)	\$	25.50	\$	23.00	\$	918.00	\$	1,147.50	\$	3,855.50	\$	4,819.50
11	1,000 - 2,000 ft lbs (1,356 - 2,712 N·m)	\$	36.75	\$	33.00	\$	1,323.00	\$	1,653.75	\$	5,556.50	\$	6,945.75
11	4,000 - 6,000 ft lbs (5,423 - 8,135 N·m)	\$	55.50	\$	50.00	\$	1,998.00	\$	2,497.50	\$	8,391.50	\$	10,489.50
11													
11	<b>Leads</b>												
11	Standard 40' length (12.19 m)	\$	6.50	\$	5.75	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50
11													
11	<b>Vibratory Driver Extractor - Crane Mounted. Added to crane rate</b>												
11	0 - 500 kN	\$	105.00	\$	94.50	\$	3,780.00	\$	4,725.00	\$	15,876.00	\$	19,845.00
11	501 - 750 kN	\$	136.00	\$	122.50	\$	4,896.00	\$	6,120.00	\$	20,563.25	\$	25,704.00
11	751 - 1000 kN	\$	185.50	\$	167.00	\$	6,678.00	\$	8,347.50	\$	28,047.50	\$	35,059.50
11	1001 - 1500 kN	\$	228.75	\$	206.00	\$	8,235.00	\$	10,293.75	\$	34,587.00	\$	43,233.75
11	1501 - 2500 kN	\$	290.50	\$	261.50	\$	10,458.00	\$	13,072.50	\$	43,923.50	\$	54,904.50
11													
<b>12</b>	<b>PUMPS</b>												
12	<b>Centrifugal pump</b>												
12	<i>Including 10' (3 m) suction hose, 25' (7.5 m) discharge hose (gas or diesel)</i>												
12	2" (0.05 m)	\$	3.75	\$	3.50	\$	135.00	\$	168.75	\$	567.00	\$	708.75
12	3" (0.08 m)	\$	6.00	\$	5.50	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00
12	4" (0.10 m)	\$	8.50	\$	7.75	\$	306.00	\$	382.50	\$	1,285.25	\$	1,606.50
12	6" (0.15 m)	\$	17.00	\$	15.25	\$	612.00	\$	765.00	\$	2,570.50	\$	3,213.00
12	8" (0.20 m)	\$	25.25	\$	22.75	\$	909.00	\$	1,136.25	\$	3,817.75	\$	4,772.25
12	10" (0.25 m)	\$	30.50	\$	27.50	\$	1,098.00	\$	1,372.50	\$	4,611.50	\$	5,764.50
12	12" (0.30 m)	\$	35.50	\$	32.00	\$	1,278.00	\$	1,597.50	\$	5,367.50	\$	6,709.50
12													
12	<b>Submersible electric pump</b>												
12	<i>Including cable and 25' (7.5 m) discharge hose</i>												
12	2" (0.05 m)	\$	3.00	\$	2.75	\$	108.00	\$	135.00	\$	453.50	\$	567.00
12	3" (0.08 m)	\$	6.50	\$	5.75	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50
12	4" (0.10 m)	\$	8.75	\$	8.00	\$	315.00	\$	393.75	\$	1,323.00	\$	1,653.75
12	6" (0.15 m)	\$	12.00	\$	10.75	\$	432.00	\$	540.00	\$	1,814.50	\$	2,268.00
12	8" (0.20 m)	\$	20.50	\$	18.50	\$	738.00	\$	922.50	\$	3,099.50	\$	3,874.50
12	10" (0.25 m)	\$	33.00	\$	29.75	\$	1,188.00	\$	1,485.00	\$	4,989.50	\$	6,237.00
12													
<b>13</b>	<b>SAWS</b>												
13	Concrete saw - see "Concrete Equipment"												
13	<i>Brush saw</i>	\$	7.00	\$	6.25	\$	252.00	\$	315.00	\$	1,058.50	\$	1,323.00
13	<i>Chainsaw 16" - 32" (0.41 - 0.81 m)</i>	\$	4.25	\$	3.75	\$	153.00	\$	191.25	\$	642.50	\$	803.25
13													
<b>14</b>	<b>SCALES</b>												
14	15 t	\$	7.00	\$	6.25	\$	252.00	\$	315.00	\$	1,058.50	\$	1,323.00
14	20 t	\$	8.50	\$	7.75	\$	306.00	\$	382.50	\$	1,285.25	\$	1,606.50
14	25 t	\$	13.00	\$	11.75	\$	468.00	\$	585.00	\$	1,965.50	\$	2,457.00

14	30 t	\$	15.75	\$	14.25	\$	567.00	\$	708.75	\$	2,381.50	\$	2,976.75
14	40 t	\$	18.25	\$	16.50	\$	657.00	\$	821.25	\$	2,759.50	\$	3,449.25
14	50 t	\$	21.00	\$	19.00	\$	756.00	\$	945.00	\$	3,175.25	\$	3,969.00
14	60 t	\$	23.75	\$	21.50	\$	855.00	\$	1,068.75	\$	3,591.00	\$	4,488.75
14	80 t	\$	28.00	\$	25.25	\$	1,008.00	\$	1,260.00	\$	4,233.50	\$	5,292.00
14	100 t	\$	32.00	\$	28.75	\$	1,152.00	\$	1,440.00	\$	4,838.50	\$	6,048.00
14	120 t	\$	36.25	\$	32.75	\$	1,305.00	\$	1,631.25	\$	5,481.00	\$	6,851.25
<b>15 SHOVELS AND EXCAVATORS</b>													
15	Bucket capacity heaped												
15	<b>Compact/Mini excavators</b>												
15	<i>Hydraulically operated crawler mounted</i>												
15	1/16 cy (0.0478 m³)	\$	29.00	\$	26.00	\$	1,044.00	\$	1,305.00	\$	4,384.75	\$	5,481.00
15	1/12 cy (0.0637 m³)	\$	39.75	\$	35.75	\$	1,431.00	\$	1,788.75	\$	6,010.25	\$	7,512.75
15	1/8 cy (0.0956 m³)	\$	50.50	\$	45.50	\$	1,818.00	\$	2,272.50	\$	7,635.50	\$	9,544.50
15	1/4 cy (0.1911 m³)	\$	60.75	\$	54.75	\$	2,187.00	\$	2,733.75	\$	9,185.50	\$	11,481.75
15													
15	<b>Hydraulically operated, crawler mounted (with shovel front or backhoe)</b>												
15	¼ cy (0.19 m³)	\$	87.00	\$	78.25	\$	3,132.00	\$	3,915.00	\$	13,154.50	\$	16,443.00
15	½ cy (0.38 m³)	\$	96.75	\$	87.00	\$	3,483.00	\$	4,353.75	\$	14,628.50	\$	18,285.75
15	¾ cy (0.57 m³)	\$	118.00	\$	106.25	\$	4,248.00	\$	5,310.00	\$	17,841.50	\$	22,302.00
15	1 cy (0.77 m³)	\$	125.25	\$	112.75	\$	4,509.00	\$	5,636.25	\$	18,937.75	\$	23,672.25
15	1 ¼ cy (0.96 m³)	\$	138.75	\$	125.00	\$	4,995.00	\$	6,243.75	\$	20,979.00	\$	26,223.75
15	1 ½ cy (1.14 m³)	\$	154.00	\$	138.50	\$	5,544.00	\$	6,930.00	\$	23,284.75	\$	29,106.00
15	1 ¾ cy (1.34 m³)	\$	175.75	\$	158.25	\$	6,327.00	\$	7,908.75	\$	26,573.50	\$	33,216.75
15	2 cy (1.53 m³)	\$	201.75	\$	181.50	\$	7,263.00	\$	9,078.75	\$	30,504.50	\$	38,130.75
15	2 ½ cy (1.91 m³)	\$	244.75	\$	220.25	\$	8,811.00	\$	11,013.75	\$	37,006.25	\$	46,257.75
15	3 cy (2.29 m³)	\$	279.25	\$	251.25	\$	10,053.00	\$	12,566.25	\$	42,222.50	\$	52,778.25
15	3 ½ cy (2.68 m³)	\$	322.00	\$	289.75	\$	11,592.00	\$	14,490.00	\$	48,686.50	\$	60,858.00
15	4 cy (3.06 m³)	\$	365.75	\$	329.25	\$	13,167.00	\$	16,458.75	\$	55,301.50	\$	69,126.75
15	4 ½ cy (3.44 m³)	\$	427.00	\$	384.25	\$	15,372.00	\$	19,215.00	\$	64,562.50	\$	80,703.00
15	5 cy (3.82 m³)	\$	488.50	\$	439.75	\$	17,586.00	\$	21,982.50	\$	73,861.25	\$	92,326.50
15	5 ½ cy (4.21 m³)	\$	510.25	\$	459.25	\$	18,369.00	\$	22,961.25	\$	77,149.75	\$	96,437.25
15	6 cy (4.59 m³)	\$	532.00	\$	478.75	\$	19,152.00	\$	23,940.00	\$	80,438.50	\$	100,548.00
15	6 ½ cy (4.97 m³)	\$	554.25	\$	498.75	\$	19,953.00	\$	24,941.25	\$	83,802.50	\$	104,753.25
15													
15	Hydraulic thumb ripper, add	\$	10.25	\$	-	\$	369.00	\$	461.25	\$	1,549.75	\$	1,937.25
15	Root Rake, add	\$	6.50	\$	-	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50
15	Fixed Thumb, add	\$	3.50	\$	-	\$	126.00	\$	157.50	\$	529.25	\$	661.50
15	Hydraulic rock grapple, add	\$	22.50	\$	-	\$	810.00	\$	1,012.50	\$	3,402.00	\$	4,252.50
15													
15	<b>Hydraulically operated backhoe</b>												
15	<i>Rubber tired, four wheel drive</i>												
15	½ cy (0.38 m³)	\$	100.50	\$	90.50	\$	3,618.00	\$	4,522.50	\$	15,195.50	\$	18,994.50
15	¾ cy (0.57 m³)	\$	115.75	\$	104.25	\$	4,167.00	\$	5,208.75	\$	17,501.50	\$	21,876.75
15	1 cy (0.77 m³)	\$	129.75	\$	116.75	\$	4,671.00	\$	5,838.75	\$	19,618.25	\$	24,522.75
15	1 ½ cy (1.15 m³)	\$	161.00	\$	145.00	\$	5,796.00	\$	7,245.00	\$	24,343.25	\$	30,429.00
15													
15	<b>Attachments</b>												
15	Post Hole Digger	\$	7.50	\$	-	\$	270.00	\$	337.50	\$	1,134.00	\$	1,417.50
15	Wrist action bucket	\$	9.25	\$	-	\$	333.00	\$	416.25	\$	1,398.50	\$	1,748.25
15													
15	<b>Attachment: Rock breaker (impact per blow) Points included</b>												
15	0 - 500 ft lbs (0 - 678 N·m)	\$	28.00	\$	-	\$	1,008.00	\$	1,260.00	\$	4,233.50	\$	5,292.00

15	501 - 1,000 ft lbs (679 - 1,356 N·m)	\$	36.25	\$	-	\$	1,305.00	\$	1,631.25	\$	5,481.00	\$	6,851.25
15	1,001 - 1,500 ft lbs (1,357 - 2,034 N·m)	\$	44.50	\$	-	\$	1,602.00	\$	2,002.50	\$	6,728.50	\$	8,410.50
15	1,501 - 2,000 ft lbs (2,035 - 2,712 N·m)	\$	53.00	\$	-	\$	1,908.00	\$	2,385.00	\$	8,013.50	\$	10,017.00
15	2,001 - 3,000 ft lbs (2,713 - 4,067 N·m)	\$	69.50	\$	-	\$	2,502.00	\$	3,127.50	\$	10,508.50	\$	13,135.50
15	3,001 - 4,000 ft lbs (4,068 - 5,423 N·m)	\$	86.25	\$	-	\$	3,105.00	\$	3,881.25	\$	13,041.00	\$	16,301.25
15	4,001 - 5,000 ft lbs (5,424 - 6,779 N·m)	\$	103.00	\$	-	\$	3,708.00	\$	4,635.00	\$	15,573.50	\$	19,467.00
15	5,001 - 6,000 ft lbs (6,780 - 8,135 N·m)	\$	119.75	\$	-	\$	4,311.00	\$	5,388.75	\$	18,106.25	\$	22,632.75
15	6,001 - 7,000 ft lbs (8,136 - 9,491 N·m)	\$	136.25	\$	-	\$	4,905.00	\$	6,131.25	\$	20,601.00	\$	25,751.25
15	7,001 - 8,000 ft lbs (9,492 - 10,847 N·m)	\$	153.00	\$	-	\$	5,508.00	\$	6,885.00	\$	23,133.50	\$	28,917.00
15	8,001 - 10,000 ft lbs (10,848 - 13,560 N·m)	\$	181.25	\$	-	\$	6,525.00	\$	8,156.25	\$	27,405.00	\$	34,256.25
15	10,001 - 12,000 ft lbs (13,561 - 16,270 N·m)	\$	213.25	\$	-	\$	7,677.00	\$	9,596.25	\$	32,243.50	\$	40,304.25
15	12,001 & up ft lbs (16,271 N·m and up)	\$	223.25	\$	-	\$	8,037.00	\$	10,046.25	\$	33,755.50	\$	42,194.25

**Excavator mounted mulchers - add to excavator rates**

15	Under 30" cutting width; 40 - 80 carrier hp (0.77 m; 30 - 60 kW)	\$	28.75	\$	26.00	\$	1,035.00	\$	1,293.75	\$	4,347.00	\$	5,433.75
15	31" to 48" cutting width; 60 - 160 carrier hp (0.78 - 1.2 m; 45 - 120 kW)	\$	46.00	\$	41.50	\$	1,656.00	\$	2,070.00	\$	6,955.25	\$	8,694.00
15	49" to 54" cutting width; 140-300 carrier hp (1.21-1.37 m; 105-224 kW)	\$	69.00	\$	62.00	\$	2,484.00	\$	3,105.00	\$	10,432.75	\$	13,041.00

**16 SNOW BLOWING EQUIPMENT**

**Tractor/loader mounted - PTO driven (Rates include carriers)**

*Add carrier to rate farm/light commercial:*

16	6' (1.83 m)	\$	11.00	\$	-	\$	396.00	\$	495.00	\$	1,663.25	\$	2,079.00
16	7' (2.13 m)	\$	14.00	\$	-	\$	504.00	\$	630.00	\$	2,116.75	\$	2,646.00
16	8' (2.44 m)	\$	17.00	\$	-	\$	612.00	\$	765.00	\$	2,570.50	\$	3,213.00
16	9' (2.74 m)	\$	22.00	\$	-	\$	792.00	\$	990.00	\$	3,326.50	\$	4,158.00
16	Second Auger	\$	3.00	\$	-	\$	108.00	\$	135.00	\$	453.50	\$	567.00

**Heavy commercial PTO**

16	98" - 102" (2.5 - 2.6 m)	\$	32.25	\$	-	\$	1,161.00	\$	1,451.25	\$	4,876.25	\$	6,095.25
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**Loader mounted - separate engine driven- add carrier to the rate**

16	Up to 150 hp (112 kW)	\$	122.25	\$	110.00	\$	4,401.00	\$	5,501.25	\$	18,484.25	\$	23,105.25
16	151 to 200 hp (113 to 149 kW)	\$	138.75	\$	125.00	\$	4,995.00	\$	6,243.75	\$	20,979.00	\$	26,223.75
16	201 to 250 hp (150 to 186 kW)	\$	152.00	\$	136.75	\$	5,472.00	\$	6,840.00	\$	22,982.50	\$	28,728.00
16	251 hp and up (187 kW and up)	\$	168.25	\$	151.50	\$	6,057.00	\$	7,571.25	\$	25,439.50	\$	31,799.25

**Truck mounted**

16	Up to 2000 tons per hour	\$	185.50	\$	167.00	\$	6,678.00	\$	8,347.50	\$	28,047.50	\$	35,059.50
16	2001 tons per hour and up	\$	219.50	\$	197.50	\$	7,902.00	\$	9,877.50	\$	33,188.50	\$	41,485.50

**17 SCREENING PLANTS**

**Screen size:**

17	4' x 6' (1.22 x 1.83 m)	\$	39.75	\$	35.75	\$	1,431.00	\$	1,788.75	\$	6,010.25	\$	7,512.75
17	4' x 8' (1.22 x 2.44 m)	\$	53.00	\$	47.75	\$	1,908.00	\$	2,385.00	\$	8,013.50	\$	10,017.00
17	4' x 10' (1.22 x 3.20 m)	\$	59.50	\$	53.50	\$	2,142.00	\$	2,677.50	\$	8,996.50	\$	11,245.50
17	4' x 12' (1.22 x 3.66 m)	\$	65.75	\$	59.25	\$	2,367.00	\$	2,958.75	\$	9,941.50	\$	12,426.75
17	4' x 14' (1.22 x 4.27 m)	\$	78.50	\$	70.75	\$	2,826.00	\$	3,532.50	\$	11,869.25	\$	14,836.50
17	5' x 14' (1.52 x 4.27 m)	\$	90.75	\$	81.75	\$	3,267.00	\$	4,083.75	\$	13,721.50	\$	17,151.75
17	5' x 16' (1.52 x 4.88 m)	\$	103.50	\$	93.25	\$	3,726.00	\$	4,657.50	\$	15,649.25	\$	19,561.50
17	6' x 20' (1.83 x 6.10 m)	\$	116.25	\$	104.75	\$	4,185.00	\$	5,231.25	\$	17,577.00	\$	21,971.25

**18 SPREADERS, GRAVEL AND CHIP**

18	<b>Chip and sand - self propelled</b>												
18	10' to 13' width (3 - 4 m)	\$	109.75	\$	98.75	\$	3,951.00	\$	4,938.75	\$	16,594.25	\$	20,742.75
18													
18	<b>Shoulder spreaders</b>												
18	For grader or loader mounting	\$	51.00	\$	46.00	\$	1,836.00	\$	2,295.00	\$	7,711.25	\$	9,639.00
18	Shoulder Widener	\$	188.25	\$	169.50	\$	6,777.00	\$	8,471.25	\$	28,463.50	\$	35,579.25
<b>19</b>	<b>TRACTORS</b>												
19	<b>Crawler - with blade (Dozer)</b>												
19	27 - 44 net hp (20 - 33 kW)	\$	53.00	\$	47.75	\$	1,908.00	\$	2,385.00	\$	8,013.50	\$	10,017.00
19	45 - 59 net hp (34 - 44 kW)	\$	65.50	\$	59.00	\$	2,358.00	\$	2,947.50	\$	9,903.50	\$	12,379.50
19	60 - 74 net hp (45 - 55 kW)	\$	76.25	\$	68.75	\$	2,745.00	\$	3,431.25	\$	11,529.00	\$	14,411.25
19	75 - 89 net hp (56 - 66 kW)	\$	89.50	\$	80.50	\$	3,222.00	\$	4,027.50	\$	13,532.50	\$	16,915.50
19	90 - 104 net hp (67 - 78 kW)	\$	111.75	\$	100.50	\$	4,023.00	\$	5,028.75	\$	16,896.50	\$	21,120.75
19	105 - 119 net hp (79 - 89 kW)	\$	129.50	\$	116.50	\$	4,662.00	\$	5,827.50	\$	19,580.50	\$	24,475.50
19	120 - 134 net hp (89 - 100 kW)	\$	147.50	\$	132.75	\$	5,310.00	\$	6,637.50	\$	22,302.00	\$	27,877.50
19	135 - 149 net hp (101 - 111 kW)	\$	165.25	\$	148.75	\$	5,949.00	\$	7,436.25	\$	24,985.75	\$	31,232.25
19	150 - 164 net hp (112 - 122 kW)	\$	172.25	\$	155.00	\$	6,201.00	\$	7,751.25	\$	26,044.25	\$	32,555.25
19	165 - 179 net hp (123 - 133 kW)	\$	209.50	\$	188.50	\$	7,542.00	\$	9,427.50	\$	31,676.50	\$	39,595.50
19	180 - 199 net hp (134 - 148 kW)	\$	233.75	\$	210.50	\$	8,415.00	\$	10,518.75	\$	35,343.00	\$	44,178.75
19	200 - 239 net hp (149 - 178 kW)	\$	249.50	\$	224.50	\$	8,982.00	\$	11,227.50	\$	37,724.50	\$	47,155.50
19	240 - 279 net hp (179 - 208 kW)	\$	295.75	\$	266.25	\$	10,647.00	\$	13,308.75	\$	44,717.50	\$	55,896.75
19	280 - 329 net hp (209 - 245 kW)	\$	329.25	\$	296.25	\$	11,853.00	\$	14,816.25	\$	49,782.50	\$	62,228.25
19	330 - 369 net hp (246 - 275 kW)	\$	364.75	\$	328.25	\$	13,131.00	\$	16,413.75	\$	55,150.25	\$	68,937.75
19	370 - 399 net hp (276 - 298 kW)	\$	394.50	\$	355.00	\$	14,202.00	\$	17,752.50	\$	59,648.50	\$	74,560.50
19	400 - 500 net hp (299 - 373 kW)	\$	423.75	\$	381.50	\$	15,255.00	\$	19,068.75	\$	64,071.00	\$	80,088.75
19	501 - 600 net hp (374 - 447 kW)	\$	451.25	\$	406.25	\$	16,245.00	\$	20,306.25	\$	68,229.00	\$	85,286.25
19													
19	With power winch, add 5% to rate												
19	With ripper, add 20% to rate												
19	Root rake, add 20% to rate												
19													
19	<b>Industrial and farm tractors</b>												
19	<i>Basic tractor - two wheel drive gasoline or diesel</i>												
19	20 - 29 net engine hp (15 - 21 kW)	\$	20.50	\$	18.50	\$	738.00	\$	922.50	\$	3,099.50	\$	3,874.50
19	30 - 45 net engine hp (22 - 33 kW)	\$	25.00	\$	22.50	\$	900.00	\$	1,125.00	\$	3,780.00	\$	4,725.00
19	46 - 65 net engine hp (34 - 48 kW)	\$	30.25	\$	27.25	\$	1,089.00	\$	1,361.25	\$	4,573.75	\$	5,717.25
19	66 - 85 net engine hp (49 - 63 kW)	\$	38.25	\$	34.50	\$	1,377.00	\$	1,721.25	\$	5,783.50	\$	7,229.25
19	86 - 110 net engine hp (64 - 82 kW)	\$	44.50	\$	40.00	\$	1,602.00	\$	2,002.50	\$	6,728.50	\$	8,410.50
19	111 - 150 net engine hp (83 - 111 kW)	\$	56.00	\$	50.50	\$	2,016.00	\$	2,520.00	\$	8,467.25	\$	10,584.00
19	151 - 200 net engine hp (112 - 149 kW)	\$	71.25	\$	64.25	\$	2,565.00	\$	3,206.25	\$	10,773.00	\$	13,466.25
19	201 net engine hp and up (150 kW and up)	\$	87.00	\$	78.25	\$	3,132.00	\$	3,915.00	\$	13,154.50	\$	16,443.00
19	Four wheel drive - Add 15% to rate												
19	Versatile drive - Add 5% to rate												
19													
19	<b>Attachments - Add to tractor rate</b>												
19	Blades	\$	2.25	\$	-	\$	81.00	\$	101.25	\$	340.25	\$	425.25
19	Buckets	\$	3.75	\$	-	\$	135.00	\$	168.75	\$	567.00	\$	708.75
19	Mowers (cutter bar)	\$	5.00	\$	-	\$	180.00	\$	225.00	\$	756.00	\$	945.00
19	Mowers (rotary)	\$	6.50	\$	-	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50
19													
19	<i>Mowers (brush cutter)</i>												
19	48" (1.22 m)	\$	5.50	\$	-	\$	198.00	\$	247.50	\$	831.50	\$	1,039.50
19	60" (1.52 m)	\$	6.50	\$	-	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50

19	72" (1.83 m)	\$	8.25	\$	-	\$	297.00	\$	371.25	\$	1,247.50	\$	1,559.25
19	84" (2.13 m)	\$	9.00	\$	-	\$	324.00	\$	405.00	\$	1,360.75	\$	1,701.00
19	96" (2.44 m)	\$	10.75	\$	-	\$	387.00	\$	483.75	\$	1,625.50	\$	2,031.75
19	108" - 120" (2.74 - 3.05 m)	\$	10.75	\$	-	\$	387.00	\$	483.75	\$	1,625.50	\$	2,031.75
19	132" - 192" (3.35 - 4.88 m)	\$	13.25	\$	-	\$	477.00	\$	596.25	\$	2,003.50	\$	2,504.25
19													
19	Tractor mounted brooms 6' -8' (1.82 - 2.45 m)	\$	12.75	\$	-	\$	459.00	\$	573.75	\$	1,927.75	\$	2,409.75
19	Lime sowers	\$	3.50	\$	-	\$	126.00	\$	157.50	\$	529.25	\$	661.50
19	Asphalt cutters (disk type)	\$	7.75	\$	-	\$	279.00	\$	348.75	\$	1,171.75	\$	1,464.75
19	Post hole diggers	\$	4.25	\$	-	\$	153.00	\$	191.25	\$	642.50	\$	803.25
19	Extending boom	\$	3.25	\$	-	\$	117.00	\$	146.25	\$	491.50	\$	614.25
19	Wrist action bucket	\$	6.50	\$	-	\$	234.00	\$	292.50	\$	982.75	\$	1,228.50
19	Dual tires, front and rear	\$	5.25	\$	-	\$	189.00	\$	236.25	\$	793.75	\$	992.25
19	Snow blower	\$	7.75	\$	-	\$	279.00	\$	348.75	\$	1,171.75	\$	1,464.75
19													
19	<b>Industrial loader - two wheel drive (gas or diesel)</b>												
19	30 - 45 net engine hp (22 - 34 kW)	\$	26.25	\$	23.75	\$	945.00	\$	1,181.25	\$	3,969.00	\$	4,961.25
19	46 - 65 net engine hp (34 - 48 kW)	\$	40.75	\$	36.75	\$	1,467.00	\$	1,833.75	\$	6,161.50	\$	7,701.75
19	66 - 85 net engine hp (49 - 63 kW)	\$	47.75	\$	43.00	\$	1,719.00	\$	2,148.75	\$	7,219.75	\$	9,024.75
19	86 - 110 net engine hp (64 - 82 kW)	\$	53.25	\$	48.00	\$	1,917.00	\$	2,396.25	\$	8,051.50	\$	10,064.25
19	111 - 150 net engine hp (83 - 112 kW)	\$	57.25	\$	51.50	\$	2,061.00	\$	2,576.25	\$	8,656.25	\$	10,820.25
19	Four wheel drive - Add 15% to carrier rate												
19													
19	<b>Industrial loader / backhoe combination - two wheel drive (gas or diesel)</b>												
19	30 - 45 net engine hp (22 - 34 kW)	\$	33.25	\$	30.00	\$	1,197.00	\$	1,496.25	\$	5,027.50	\$	6,284.25
19	46 - 65 net engine hp (35 - 48 kW)	\$	49.50	\$	44.50	\$	1,782.00	\$	2,227.50	\$	7,484.50	\$	9,355.50
19	66 - 85 net engine hp (49 - 63 kW)	\$	60.75	\$	54.75	\$	2,187.00	\$	2,733.75	\$	9,185.50	\$	11,481.75
19	86 - 110 net engine hp (64 - 82 kW)	\$	80.25	\$	72.25	\$	2,889.00	\$	3,611.25	\$	12,133.75	\$	15,167.25
19	111 - 150 net engine hp (83 - 112 kW)	\$	101.00	\$	91.00	\$	3,636.00	\$	4,545.00	\$	15,271.25	\$	19,089.00
19	Four wheel drive - Add 15% to carrier rate												
<b>20</b>	<b>TRAFFIC CONTROL DEVICES</b>												
20	<b>Truck mounted attenuators</b>												
20	Up to 75 km/hr	\$	7.50	\$	6.75	\$	270.00	\$	337.50	\$	1,134.00	\$	1,417.50
20	75 - 100 km/hr	\$	9.75	\$	8.75	\$	351.00	\$	438.75	\$	1,474.25	\$	1,842.75
20													
20	<b>Arrow boards - truck mounted</b>												
20	Truck mounted - carrier powered	\$	5.75	\$	5.25	\$	207.00	\$	258.75	\$	869.50	\$	1,086.75
20	Trailer mounted - solar	\$	5.75	\$	5.25	\$	207.00	\$	258.75	\$	869.50	\$	1,086.75
20	Trailer mounted - gas	\$	7.25	\$	6.50	\$	261.00	\$	326.25	\$	1,096.25	\$	1,370.25
20	Trailer mounted - diesel	\$	8.75	\$	8.00	\$	315.00	\$	393.75	\$	1,323.00	\$	1,653.75
20													
20	<b>Portable variable message signs</b>												
20	Truck mounted - carrier powered	\$	5.50	\$	5.00	\$	198.00	\$	247.50	\$	831.50	\$	1,039.50
20	Trailer mounted - solar	\$	10.25	\$	9.25	\$	369.00	\$	461.25	\$	1,549.75	\$	1,937.25
20	Trailer mounted - gas	\$	12.00	\$	10.75	\$	432.00	\$	540.00	\$	1,814.50	\$	2,268.00
20	Trailer mounted - diesel	\$	13.75	\$	12.50	\$	495.00	\$	618.75	\$	2,079.00	\$	2,598.75
<b>21</b>	<b>TRUCKS</b>												
21	<b>Service</b>												
21	1,587 kg - 2,494 kg	\$	16.25	\$	14.75	\$	585.00	\$	731.25	\$	2,457.00	\$	3,071.25
21	2,495 kg - 3,628 kg	\$	21.00	\$	19.00	\$	756.00	\$	945.00	\$	3,175.25	\$	3,969.00
21	3,629 kg - 4,535 kg	\$	25.75	\$	23.25	\$	927.00	\$	1,158.75	\$	3,893.50	\$	4,866.75



21	Up to 11' box (3.35 m)	\$	19.00	\$	17.00	\$	684.00	\$	855.00	\$	2,872.75	\$	3,591.00
21	Over 11' box (3.36 m)	\$	22.50	\$	20.25	\$	810.00	\$	1,012.50	\$	3,402.00	\$	4,252.50
21													
21	<b>Water trucks (with gravity spray bar)</b>												
21	1,000 gal (3,785 L)	\$	37.75	\$	34.00	\$	1,359.00	\$	1,698.75	\$	5,707.75	\$	7,134.75
21	1,500 gal (5,678 L)	\$	40.25	\$	36.25	\$	1,449.00	\$	1,811.25	\$	6,085.75	\$	7,607.25
21	2,000 gal (7,571 L)	\$	48.50	\$	43.75	\$	1,746.00	\$	2,182.50	\$	7,333.25	\$	9,166.50
21	4,000 gal (15,142 L)	\$	61.25	\$	55.25	\$	2,205.00	\$	2,756.25	\$	9,261.00	\$	11,576.25
21	5,000 gal (18,927 L)	\$	74.25	\$	66.75	\$	2,673.00	\$	3,341.25	\$	11,226.50	\$	14,033.25
21	6,000 gal (22,712 L)	\$	88.50	\$	79.75	\$	3,186.00	\$	3,982.50	\$	13,381.25	\$	16,726.50
21	7,000 gal (26,498 L)	\$	102.25	\$	92.00	\$	3,681.00	\$	4,601.25	\$	15,460.25	\$	19,325.25
21	With pressure spray bar and nozzles, Add:	\$	6.00	\$	-	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00
21													
21	<i>Truck tractors</i>												
21	16,330 kg - 22,680 kg	\$	77.25	\$	69.50	\$	2,781.00	\$	3,476.25	\$	11,680.25	\$	14,600.25
21	22,681 kg - 25,400 kg	\$	82.50	\$	74.25	\$	2,970.00	\$	3,712.50	\$	12,474.00	\$	15,592.50
21	25,401 kg - 29,030 kg	\$	87.50	\$	78.75	\$	3,150.00	\$	3,937.50	\$	13,230.00	\$	16,537.50
21	29,031 kg - 45,360 kg	\$	91.75	\$	82.50	\$	3,303.00	\$	4,128.75	\$	13,872.50	\$	17,340.75
21	45,361 kg and up	\$	96.25	\$	86.75	\$	3,465.00	\$	4,331.25	\$	14,553.00	\$	18,191.25
21													
21	<b>Floats with tractor (rigid or detachable gooseneck)</b>												
21	9,072 kg - 16,330 kg	\$	64.75	\$	58.25	\$	2,331.00	\$	2,913.75	\$	9,790.25	\$	12,237.75
21	16,331 kg - 22,680 kg	\$	81.50	\$	73.25	\$	2,934.00	\$	3,667.50	\$	12,322.75	\$	15,403.50
21	22,681 kg - 25,400 kg	\$	99.25	\$	89.25	\$	3,573.00	\$	4,466.25	\$	15,006.50	\$	18,758.25
21	25,401 kg - 29,030 kg	\$	116.00	\$	104.50	\$	4,176.00	\$	5,220.00	\$	17,539.25	\$	21,924.00
21	29,031 kg - 45,360 kg	\$	135.25	\$	121.75	\$	4,869.00	\$	6,086.25	\$	20,449.75	\$	25,562.25
21	45,361 kg and up	\$	154.00	\$	138.50	\$	5,544.00	\$	6,930.00	\$	23,284.75	\$	29,106.00
21													
21	<b>High platform trailer (without tractor)</b>												
21	45,361 kg and up - 48' to 53' (14.63 to 16.15 m)	\$	19.75	\$	17.75	\$	711.00	\$	888.75	\$	2,986.25	\$	3,732.75
21													
21	<b>Live Bottom Trailers (without tractor)</b>												
21	Tandem axle	\$	44.50	\$	40.00	\$	1,602.00	\$	2,002.50	\$	6,728.50	\$	8,410.50
21	Tri-axle	\$	53.00	\$	47.75	\$	1,908.00	\$	2,385.00	\$	8,013.50	\$	10,017.00
21	Quad axle	\$	63.75	\$	57.50	\$	2,295.00	\$	2,868.75	\$	9,639.00	\$	12,048.75
21													
21	<b>Tag along: add to truck rates</b>												
21	1 - 3 t	\$	2.50	\$	2.25	\$	90.00	\$	112.50	\$	378.00	\$	472.50
21	4 - 6 t	\$	3.50	\$	3.25	\$	126.00	\$	157.50	\$	529.25	\$	661.50
21	7 - 8 t	\$	6.00	\$	5.50	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00
21	9 - 12 t	\$	7.00	\$	6.25	\$	252.00	\$	315.00	\$	1,058.50	\$	1,323.00
21	13 - 20 t	\$	11.25	\$	10.25	\$	405.00	\$	506.25	\$	1,701.00	\$	2,126.25
21	21 - 25 t	\$	14.25	\$	12.75	\$	513.00	\$	641.25	\$	2,154.50	\$	2,693.25
21	26 - 30 t	\$	19.50	\$	17.50	\$	702.00	\$	877.50	\$	2,948.50	\$	3,685.50
21	31 - 36 t	\$	24.25	\$	21.75	\$	873.00	\$	1,091.25	\$	3,666.50	\$	4,583.25
21													
21	<b>Truck mounted hydraulic booms (boom only)</b>												
21	(Add to truck rate)												
21	<i>Telescoping - straight boom</i>												
21	0 - 1 t	\$	9.00	\$	8.00	\$	324.00	\$	405.00	\$	1,360.75	\$	1,701.00
21	1 - 2 t	\$	9.75	\$	8.75	\$	351.00	\$	438.75	\$	1,474.25	\$	1,842.75
21	2 - 3 t	\$	11.00	\$	10.00	\$	396.00	\$	495.00	\$	1,663.25	\$	2,079.00
21	4 - 5 t	\$	12.25	\$	11.00	\$	441.00	\$	551.25	\$	1,852.25	\$	2,315.25
21	6 - 7 t	\$	15.00	\$	13.50	\$	540.00	\$	675.00	\$	2,268.00	\$	2,835.00
21	8 - 9 t	\$	17.50	\$	15.75	\$	630.00	\$	787.50	\$	2,646.00	\$	3,307.50

21	10 - 12 t	\$	21.75	\$	19.50	\$	783.00	\$	978.75	\$	3,288.50	\$	4,110.75
21	13 - 15 t	\$	28.50	\$	25.75	\$	1,026.00	\$	1,282.50	\$	4,309.25	\$	5,386.50
21	16 - 18 t	\$	37.00	\$	33.25	\$	1,332.00	\$	1,665.00	\$	5,594.50	\$	6,993.00
21	19 - 21 t	\$	44.00	\$	39.50	\$	1,584.00	\$	1,980.00	\$	6,652.75	\$	8,316.00
21	22 - 25 t	\$	51.50	\$	46.25	\$	1,854.00	\$	2,317.50	\$	7,786.75	\$	9,733.50
21	26 - 30 t	\$	59.00	\$	53.00	\$	2,124.00	\$	2,655.00	\$	8,920.75	\$	11,151.00
21	31 t and up	\$	66.25	\$	59.75	\$	2,385.00	\$	2,981.25	\$	10,017.00	\$	12,521.25
21	Man bucket, add	\$	1.50	\$	-	\$	54.00	\$	67.50	\$	226.75	\$	283.50
21	<b>Articulated knuckle boom (Add to truck rate)</b>												
21	2 - 3 t	\$	8.00	\$	7.25	\$	288.00	\$	360.00	\$	1,209.50	\$	1,512.00
21	4 - 5 t	\$	10.00	\$	9.00	\$	360.00	\$	450.00	\$	1,512.00	\$	1,890.00
21	6 - 7 t	\$	12.75	\$	11.50	\$	459.00	\$	573.75	\$	1,927.75	\$	2,409.75
21	8 - 9 t	\$	16.75	\$	15.00	\$	603.00	\$	753.75	\$	2,532.50	\$	3,165.75
21	10 - 12 t	\$	20.25	\$	18.25	\$	729.00	\$	911.25	\$	3,061.75	\$	3,827.25
21	13 - 15 t	\$	26.25	\$	23.75	\$	945.00	\$	1,181.25	\$	3,969.00	\$	4,961.25
21	16 - 18 t	\$	33.25	\$	30.00	\$	1,197.00	\$	1,496.25	\$	5,027.50	\$	6,284.25
21	<b>Truck mounted hydraulic augers (Add to truck rate)</b>												
21	<i>(boom and auger only)</i>												
21	6" - 9" dia. (0.15 - 0.23 m)	\$	29.50	\$	26.50	\$	1,062.00	\$	1,327.50	\$	4,460.50	\$	5,575.50
21	10" - 12" dia. (0.24 - 0.30 m)	\$	38.25	\$	34.50	\$	1,377.00	\$	1,721.25	\$	5,783.50	\$	7,229.25
21	13" - 16" dia. (0.31 - 0.41 m)	\$	46.00	\$	41.50	\$	1,656.00	\$	2,070.00	\$	6,955.25	\$	8,694.00
21	17" - 20" dia. (0.42 - 0.51 m)	\$	51.50	\$	46.25	\$	1,854.00	\$	2,317.50	\$	7,786.75	\$	9,733.50
21	<b>Off highway trucks</b>												
21	21 - 25 t	\$	145.25	\$	130.75	\$	5,229.00	\$	6,536.25	\$	21,961.75	\$	27,452.25
21	26 - 36 t	\$	184.50	\$	166.00	\$	6,642.00	\$	8,302.50	\$	27,896.50	\$	34,870.50
21	37 - 50 t	\$	243.50	\$	219.25	\$	8,766.00	\$	10,957.50	\$	36,817.25	\$	46,021.50
21	51 - 60 t	\$	308.75	\$	278.00	\$	11,115.00	\$	13,893.75	\$	46,683.00	\$	58,353.75
21	61 - 75 t	\$	373.50	\$	336.25	\$	13,446.00	\$	16,807.50	\$	56,473.25	\$	70,591.50
21	76 - 85 t	\$	438.50	\$	394.75	\$	15,786.00	\$	19,732.50	\$	66,301.25	\$	82,876.50
21	<b>Articulated rock trucks</b>												
21	16 - 20 t	\$	134.50	\$	121.00	\$	4,842.00	\$	6,052.50	\$	20,336.50	\$	25,420.50
21	21 - 25 t	\$	168.25	\$	151.50	\$	6,057.00	\$	7,571.25	\$	25,439.50	\$	31,799.25
21	26 - 30 t	\$	196.25	\$	176.75	\$	7,065.00	\$	8,831.25	\$	29,673.00	\$	37,091.25
21	31 - 35 t	\$	234.00	\$	210.50	\$	8,424.00	\$	10,530.00	\$	35,380.75	\$	44,226.00
21	36 - 45 t	\$	267.00	\$	240.25	\$	9,612.00	\$	12,015.00	\$	40,370.50	\$	50,463.00
21	46 t and up	\$	305.50	\$	275.00	\$	10,998.00	\$	13,747.50	\$	46,191.50	\$	57,739.50

## 22 WELDERS

### 22 DC arc - portable: Engine Driven, Rods extra

22	200 A	\$	6.00	\$	5.50	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00
22	250 A	\$	8.25	\$	7.50	\$	297.00	\$	371.25	\$	1,247.50	\$	1,559.25
22	300 A	\$	9.50	\$	8.50	\$	342.00	\$	427.50	\$	1,436.50	\$	1,795.50
22	400 A	\$	12.25	\$	11.00	\$	441.00	\$	551.25	\$	1,852.25	\$	2,315.25
22	500 A	\$	14.00	\$	12.50	\$	504.00	\$	630.00	\$	2,116.75	\$	2,646.00
22	600 A	\$	16.50	\$	14.75	\$	594.00	\$	742.50	\$	2,494.75	\$	3,118.50
22	Wire feed type, add	\$	3.00	\$	-	\$	108.00	\$	135.00	\$	453.50	\$	567.00

### 22 Cutting torch (oxygen acetylene included)

22		\$	21.75	\$	19.50	\$	783.00	\$	978.75	\$	3,288.50	\$	4,110.75
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### 22 Arc transformer or rectifier



22	200 A	\$	3.25	\$	3.00	\$	117.00	\$	146.25	\$	491.50	\$	614.25
22	300 A	\$	4.25	\$	3.75	\$	153.00	\$	191.25	\$	642.50	\$	803.25
22	400 A	\$	5.50	\$	5.00	\$	198.00	\$	247.50	\$	831.50	\$	1,039.50
<b>23</b>	<b>NON-CURRENT EQUIPMENT</b>												
23	<b>Air Equipment: Drill steel</b>												
23	1 3/8" bit for 10' steel (0.03 m bit for 3.05m)	\$	1.00	\$	1.00	\$	36.00	\$	45.00	\$	151.25	\$	189.00
23	1 5/8" bit for 10' steel (0.04 m bit for 3.05m)	\$	1.00	\$	1.00	\$	36.00	\$	45.00	\$	151.25	\$	189.00
23	2 1/2" bit for 10' steel (0.06 m bit for 3.05m)	\$	1.50	\$	1.25	\$	54.00	\$	67.50	\$	226.75	\$	283.50
23	3" bit for 10' steel (0.07 m bit for 3.05m)	\$	2.25	\$	2.00	\$	81.00	\$	101.25	\$	340.25	\$	425.25
23	4" bit for 10' steel (0.10 m bit for 3.05m)	\$	4.25	\$	3.75	\$	153.00	\$	191.25	\$	642.50	\$	803.25
23	5" - 6" bit for 10' steel (0.12 - 0.15 m bit for 3.05m)	\$	5.75	\$	5.25	\$	207.00	\$	258.75	\$	869.50	\$	1,086.75
23	10' steel for crawler mounted drill (3.05 m steel for crawler mounted drill)	\$	1.25	\$	-	\$	45.00	\$	56.25	\$	189.00	\$	236.25
23													
23	<b>Excavator: cable operated, crawler mounted with shovel front or backhoe</b>												
23	1/2 cy (0.38 m³)	\$	57.25	\$	51.50	\$	2,061.00	\$	2,576.25	\$	8,656.25	\$	10,820.25
23	3/4 cy (0.57 m³)	\$	75.00	\$	67.50	\$	2,700.00	\$	3,375.00	\$	11,340.00	\$	14,175.00
23	1 cy (0.77 m³)	\$	92.75	\$	83.50	\$	3,339.00	\$	4,173.75	\$	14,023.75	\$	17,529.75
23	1 1/4 cy (0.96 m³)	\$	98.00	\$	88.25	\$	3,528.00	\$	4,410.00	\$	14,817.50	\$	18,522.00
23	1 1/2 cy (1.14 m³)	\$	102.50	\$	92.25	\$	3,690.00	\$	4,612.50	\$	15,498.00	\$	19,372.50
23	1 3/4 cy (1.34 m³)	\$	106.75	\$	96.00	\$	3,843.00	\$	4,803.75	\$	16,140.50	\$	20,175.75
23	2 cy (1.53 m³)	\$	127.00	\$	114.25	\$	4,572.00	\$	5,715.00	\$	19,202.50	\$	24,003.00
23	2 1/2 cy (1.91 m³)	\$	150.00	\$	135.00	\$	5,400.00	\$	6,750.00	\$	22,680.00	\$	28,350.00
23	3 cy (2.29 m³)	\$	168.00	\$	151.25	\$	6,048.00	\$	7,560.00	\$	25,401.50	\$	31,752.00
23	3 1/2 cy (2.68 m³)	\$	185.00	\$	166.50	\$	6,660.00	\$	8,325.00	\$	27,972.00	\$	34,965.00
23	4 cy (3.06 m³)	\$	205.00	\$	184.50	\$	7,380.00	\$	9,225.00	\$	30,996.00	\$	38,745.00
23	4 1/2 cy (3.44 m³)	\$	225.00	\$	202.50	\$	8,100.00	\$	10,125.00	\$	34,020.00	\$	42,525.00
23													
23	<b>Telescopic boom excavators</b>												
23	<i>Truck mounted - with remote control</i>												
23	1/2 cy (0.38 m³)	\$	64.00	\$	57.50	\$	2,304.00	\$	2,880.00	\$	9,676.75	\$	12,096.00
23	5/8 cy (0.47 m³)	\$	89.75	\$	80.75	\$	3,231.00	\$	4,038.75	\$	13,570.25	\$	16,962.75
23	3/4 cy (0.57 m³)	\$	115.50	\$	104.00	\$	4,158.00	\$	5,197.50	\$	17,463.50	\$	21,829.50
23	7/8 cy (0.67 m³)	\$	134.50	\$	121.00	\$	4,842.00	\$	6,052.50	\$	20,336.50	\$	25,420.50
23	1 cy (0.77 m³)	\$	141.00	\$	127.00	\$	5,076.00	\$	6,345.00	\$	21,319.25	\$	26,649.00
23	1 1/2 cy (1.14 m³)	\$	155.00	\$	139.50	\$	5,580.00	\$	6,975.00	\$	23,436.00	\$	29,295.00
23													
23	<b>Front End Loaders - tracked</b>												
23	30 - 44 net engine hp (22 - 33 kW)	\$	28.50	\$	25.75	\$	1,026.00	\$	1,282.50	\$	4,309.25	\$	5,386.50
23	45 - 59 net engine hp (34 - 44 kW)	\$	36.25	\$	32.75	\$	1,305.00	\$	1,631.25	\$	5,481.00	\$	6,851.25
23	60 - 74 net engine hp (45 - 55 kW)	\$	44.00	\$	39.50	\$	1,584.00	\$	1,980.00	\$	6,652.75	\$	8,316.00
23	75 - 89 net engine hp (56 - 66 kW)	\$	51.75	\$	46.50	\$	1,863.00	\$	2,328.75	\$	7,824.50	\$	9,780.75
23	90 - 104 net engine hp (67 - 78 kW)	\$	59.50	\$	53.50	\$	2,142.00	\$	2,677.50	\$	8,996.50	\$	11,245.50
23	105 - 119 net engine hp (79 - 89 kW)	\$	66.25	\$	59.75	\$	2,385.00	\$	2,981.25	\$	10,017.00	\$	12,521.25
23	120 - 134 net engine hp (90 - 100 kW)	\$	74.00	\$	66.50	\$	2,664.00	\$	3,330.00	\$	11,188.75	\$	13,986.00
23	135 - 149 net engine hp (101 - 111 kW)	\$	81.75	\$	73.50	\$	2,943.00	\$	3,678.75	\$	12,360.50	\$	15,450.75
23	150 - 164 net engine hp (112 - 122 kW)	\$	89.50	\$	80.50	\$	3,222.00	\$	4,027.50	\$	13,532.50	\$	16,915.50
23	165 - 179 net engine hp (123 - 133 kW)	\$	97.25	\$	87.50	\$	3,501.00	\$	4,376.25	\$	14,704.25	\$	18,380.25
23	180 - 199 net engine hp (134 - 148 kW)	\$	105.00	\$	94.50	\$	3,780.00	\$	4,725.00	\$	15,876.00	\$	19,845.00
23	200 - 239 net engine hp (149 - 178 kW)	\$	112.75	\$	101.50	\$	4,059.00	\$	5,073.75	\$	17,047.75	\$	21,309.75
23	240 net engine hp and up (179 kW and up)	\$	120.50	\$	108.50	\$	4,338.00	\$	5,422.50	\$	18,219.50	\$	22,774.50
23													
23	<b>Boiler: tank car heaters - not including fuel</b>												
23	Up to 20 bhp (15 kW)	\$	5.50	\$	5.00	\$	198.00	\$	247.50	\$	831.50	\$	1,039.50

23	21 - 30 bhp (16 - 22 kW)	\$	7.50	\$	6.75	\$	270.00	\$	337.50	\$	1,134.00	\$	1,417.50
23	31 - 50 bhp (23 - 37 kW)	\$	10.75	\$	9.75	\$	387.00	\$	483.75	\$	1,625.50	\$	2,031.75
23	51 - 100 bhp (38 - 75 kW)	\$	16.25	\$	14.75	\$	585.00	\$	731.25	\$	2,457.00	\$	3,071.25
23	101 - 150 bhp (76 - 112 kW)	\$	24.75	\$	22.25	\$	891.00	\$	1,113.75	\$	3,742.25	\$	4,677.75
23													
23	<b>Vibratory Rollers:</b>												
23	<i>Towed - sheepfoot, grid or pad:</i>												
23	54" - 65"; 5,000 - 10,600 lbs (1.37 - 1.66 m; 2,270 - 4,800 kg)	\$	16.25	\$	14.75	\$	585.00	\$	731.25	\$	2,457.00	\$	3,071.25
23	66" - 75"; 9,500 - 15,000 lbs (1.67 - 1.92 m; 4,300 - 6,800 kg)	\$	26.75	\$	24.00	\$	963.00	\$	1,203.75	\$	4,044.50	\$	5,055.75
23	76" - 90"; 15,000 - 26,000 lbs (1.93 - 2.30 m; 6,801 - 11,800 kg)	\$	40.25	\$	36.25	\$	1,449.00	\$	1,811.25	\$	6,085.75	\$	7,607.25
23													
23	<i>Towed - smooth drum:</i>												
23	54" - 65"; 5,000 - 9,500 lbs (1.37 - 1.66 m; 2,270 - 4,309 kg)	\$	15.00	\$	13.50	\$	540.00	\$	675.00	\$	2,268.00	\$	2,835.00
23	66" - 75"; 9,501 - 13,500 lbs (1.67 - 1.92 m; 4,310 - 6,124 kg)	\$	22.25	\$	20.00	\$	801.00	\$	1,001.25	\$	3,364.25	\$	4,205.25
23	76" - 80"; 13,501 - 28,000 lbs (1.93 - 2.05 m; 6,125 - 12,700 kg)	\$	33.75	\$	30.50	\$	1,215.00	\$	1,518.75	\$	5,103.00	\$	6,378.75
23	81" - 90"; over 28,000 lbs (2.06 - 2.30 m; 12,701 kg & up)	\$	40.00	\$	36.00	\$	1,440.00	\$	1,800.00	\$	6,048.00	\$	7,560.00
23													
23	<b>Static Rollers</b>												
23	<i>Towed - sheepfoot, double drum:</i>												
23	40" wide × 48" dia. (1.02 m × 1.22 m)	\$	5.75	\$	5.25	\$	207.00	\$	258.75	\$	869.50	\$	1,086.75
23	60" wide × 60" dia. (1.52 m × 1.52 m)	\$	11.25	\$	10.25	\$	405.00	\$	506.25	\$	1,701.00	\$	2,126.25
23													
23	<i>Towed - grid, double drum:</i>												
23	60" wide × 70" dia. (1.52 m × 1.78 m)	\$	11.50	\$	10.25	\$	414.00	\$	517.50	\$	1,738.75	\$	2,173.50
23													
23	<i>Towed - pneumatic tired:</i>												
23	13 - 15 t; 13 wheels	\$	5.75	\$	5.25	\$	207.00	\$	258.75	\$	869.50	\$	1,086.75
23	50 t; 3 or 4 wheels	\$	23.00	\$	20.75	\$	828.00	\$	1,035.00	\$	3,477.50	\$	4,347.00
23													
23	<i>Self propelled - three axle, smooth drum:</i>												
23	10 - 12 t	\$	50.50	\$	45.50	\$	1,818.00	\$	2,272.50	\$	7,635.50	\$	9,544.50
23	13 - 14 t	\$	52.50	\$	47.25	\$	1,890.00	\$	2,362.50	\$	7,938.00	\$	9,922.50
23	15 - 16 t	\$	53.50	\$	48.25	\$	1,926.00	\$	2,407.50	\$	8,089.25	\$	10,111.50
23													
23	<b>Scraper - single engine, two or four wheel tractor</b>												
23	<i>Two wheel scraper (Net engine HP - SAE struck capacity)</i>												
23	6 - 9 cy; 120 - 175 hp (4.6 - 6.9 m <sup>3</sup> ; 89 - 130 kW)	\$	66.25	\$	59.75	\$	2,385.00	\$	2,981.25	\$	10,017.00	\$	12,521.25
23	10 - 13 cy; 140 - 230 hp (7.6 - 9.9 m <sup>3</sup> ; 104 - 172 kW)	\$	114.50	\$	103.00	\$	4,122.00	\$	5,152.50	\$	17,312.50	\$	21,640.50
23	14 - 20 cy; 275 - 335 hp (10.7 - 15.3 m <sup>3</sup> ; 205 - 250 kW)	\$	162.75	\$	146.50	\$	5,859.00	\$	7,323.75	\$	24,607.75	\$	30,759.75
23	21 - 24 cy; 340 - 425 hp (16.1 - 18.3 m <sup>3</sup> ; 254 - 317 kW)	\$	210.75	\$	189.75	\$	7,587.00	\$	9,483.75	\$	31,865.50	\$	39,831.75
23	25 - 30 cy; 430 - 500 hp (19.1 - 22.9 m <sup>3</sup> ; 321 - 373 kW)	\$	259.00	\$	233.00	\$	9,324.00	\$	11,655.00	\$	39,160.75	\$	48,951.00
23	31 - 35 cy; 495 - 600 hp (23.7 - 26.8 m <sup>3</sup> ; 369 - 447 kW)	\$	307.25	\$	276.50	\$	11,061.00	\$	13,826.25	\$	46,456.25	\$	58,070.25
23													
23	<b>Scraper - twin engine, all wheel drive</b>												
23	<i>Two or four wheel tractor (Net engine HP - SAE struck capacity)</i>												
23	14 - 19 cy; 240 - 450 hp (10.7 - 14.5 m <sup>3</sup> ; 179 - 336 kW)	\$	217.75	\$	196.00	\$	7,839.00	\$	9,798.75	\$	32,923.75	\$	41,154.75
23	20 - 24 cy; 620 - 720 hp (15.3 - 18.3 m <sup>3</sup> ; 462 - 537 kW)	\$	335.00	\$	301.50	\$	12,060.00	\$	15,075.00	\$	50,652.00	\$	63,315.00
23	28 - 34 cy; 680 - 860 hp (21.4 - 26 m <sup>3</sup> ; 507 - 641 kW)	\$	452.00	\$	406.75	\$	16,272.00	\$	20,340.00	\$	68,342.50	\$	85,428.00
23													
23	<b>Elevating scraper - self loading (Net engine HP - SAE struck capacity)</b>												
23	8 - 11 cy heaped; 100 - 150 hp (6.1 - 8.4 m <sup>3</sup> ; 75 - 112 kW)	\$	88.00	\$	79.25	\$	3,168.00	\$	3,960.00	\$	13,305.50	\$	16,632.00
23	12 - 15 cy heaped; 150 - 175 hp (9.2 - 11.5 m <sup>3</sup> ; 112 - 130 kW)	\$	122.00	\$	109.75	\$	4,392.00	\$	5,490.00	\$	18,446.50	\$	23,058.00
23	21 - 25 cy heaped; 250 - 350 hp (16.1 - 19.1 m <sup>3</sup> ; 186 - 261 kW)	\$	156.00	\$	140.50	\$	5,616.00	\$	7,020.00	\$	23,587.25	\$	29,484.00
23	31 - 35 cy heaped; 400 - 500 hp (23.7 - 26.8 m <sup>3</sup> ; 298 - 373 kW)	\$	189.75	\$	170.75	\$	6,831.00	\$	8,538.75	\$	28,690.25	\$	35,862.75



23	<i>Crawler mounted - with bucket</i>												
23	12 - 15 t; 1/2 - 5/8 cy (0.38 - 0.47 m³)	\$	59.75	\$	53.75	\$	2,151.00	\$	2,688.75	\$	9,034.25	\$	11,292.75
23	16 - 25 t; 3/4 - 1 cy (0.57 - 0.76 m³)	\$	95.00	\$	85.50	\$	3,420.00	\$	4,275.00	\$	14,364.00	\$	17,955.00
23	26 - 30 t; 1 - 1 1/4 cy (0.76 - 0.99 m³)	\$	113.75	\$	102.50	\$	4,095.00	\$	5,118.75	\$	17,199.00	\$	21,498.75
23	31 - 40 t; 1 1/2 - 1 3/4 cy (1.14 - 1.33 m³)	\$	120.75	\$	108.75	\$	4,347.00	\$	5,433.75	\$	18,257.50	\$	22,821.75
23	41 - 50 t; 2 - 2 1/2 cy (1.52 - 1.91 m³)	\$	149.50	\$	134.50	\$	5,382.00	\$	6,727.50	\$	22,604.50	\$	28,255.50
23	51 - 55 t; 2 - 2 1/2 cy (1.52 - 1.91 m³)	\$	173.25	\$	156.00	\$	6,237.00	\$	7,796.25	\$	26,195.50	\$	32,744.25
23	56 - 60 t; 2 - 2 1/2 cy (1.52 - 1.91 m³)	\$	197.00	\$	177.25	\$	7,092.00	\$	8,865.00	\$	29,786.50	\$	37,233.00
23	61 - 70 t; 3 - 3 1/2 cy (2.29 - 2.67 m³)	\$	223.75	\$	201.50	\$	8,055.00	\$	10,068.75	\$	33,831.00	\$	42,288.75
23													
23	<b>Electric vibratory driver - extractor Complete with generator</b>												
23	40 hp with 100 KW generator (30 kW)	\$	88.00	\$	79.25	\$	3,168.00	\$	3,960.00	\$	13,305.50	\$	16,632.00
23	80 hp with 150 KW generator (60 kW)	\$	121.50	\$	109.25	\$	4,374.00	\$	5,467.50	\$	18,370.75	\$	22,963.50
23	120 hp with 200 KW generator (89 kW)	\$	161.25	\$	145.25	\$	5,805.00	\$	7,256.25	\$	24,381.00	\$	30,476.25
23													
23	<b>Boom Truck</b>												
23	(Lift Capacity)												
23	7,000 kgs - 11,000 kgs	\$	166.25	\$	149.75	\$	5,985.00	\$	7,481.25	\$	25,137.00	\$	31,421.25
23	11,001 kgs - 19,000 kgs	\$	219.25	\$	197.25	\$	7,893.00	\$	9,866.25	\$	33,150.50	\$	41,438.25
23	19,001 kgs - 25,000 kgs	\$	236.25	\$	212.75	\$	8,505.00	\$	10,631.25	\$	35,721.00	\$	44,651.25
23	25,001 kgs (and up)	\$	268.00	\$	241.25	\$	9,648.00	\$	12,060.00	\$	40,521.50	\$	50,652.00
23													
23	<b>Aerial Bucket Lift - mounted, truck included</b>												
23	(Lift Height)												
23	7 m	\$	88.25	\$	79.50	\$	3,177.00	\$	3,971.25	\$	13,343.50	\$	16,679.25
23	10 m	\$	112.25	\$	101.00	\$	4,041.00	\$	5,051.25	\$	16,972.25	\$	21,215.25
23	15 m	\$	132.00	\$	118.75	\$	4,752.00	\$	5,940.00	\$	19,958.50	\$	24,948.00
23	20 m	\$	160.50	\$	144.50	\$	5,778.00	\$	7,222.50	\$	24,267.50	\$	30,334.50
23													
23	<b>Scissor Lift</b>												
23	(Platform Height)												
23	4 m	\$	11.00	\$	10.00	\$	396.00	\$	495.00	\$	1,663.25	\$	2,079.00
23	7 m	\$	28.00	\$	25.25	\$	1,008.00	\$	1,260.00	\$	4,233.50	\$	5,292.00
23	9 m	\$	42.50	\$	38.25	\$	1,530.00	\$	1,912.50	\$	6,426.00	\$	8,032.50
23													
23	<b>Telescopic Handler</b>												
23	(Lift Height)												
23	5 m	\$	56.00	\$	50.50	\$	2,016.00	\$	2,520.00	\$	8,467.25	\$	10,584.00
23	10 m	\$	82.00	\$	73.75	\$	2,952.00	\$	3,690.00	\$	12,398.50	\$	15,498.00
23													
23	<b>Barges</b>												
23	<i>Deck Cargo</i>												
23	to 449 short tons	\$	67.00	\$	60.25	\$	2,412.00	\$	3,015.00	\$	10,130.50	\$	12,663.00
23	450 - 899 short tons	\$	97.50	\$	87.75	\$	3,510.00	\$	4,387.50	\$	14,742.00	\$	18,427.50
23													
23	<b>Hopper</b>												
23	to 1400 short tons	\$	88.50	\$	79.75	\$	3,186.00	\$	3,982.50	\$	13,381.25	\$	16,726.50
23													
23	<b>Sectional</b>												
23	20' X 10'	\$	6.00	\$	5.50	\$	216.00	\$	270.00	\$	907.25	\$	1,134.00