



**SCHEDULE OF RENTAL RATES FOR
CONSTRUCTION EQUIPMENT, INCLUDING
MODEL AND SPECIFICATION REFERENCE**

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127.01 SCOPE

This specification covers equipment rental rate compensation for extra work. The calculated rate represents the cost of owning and operating the equipment and is made up of direct and indirect costs such as fuel, oil, lubrication, field repairs, overhaul, depreciation, financing, storage, insurance, overhead, and profit.

The rates in this schedule are hourly unless otherwise stated and do not include the cost of the operator.

The information was compiled from manufacturers, equipment dealers and distributors, and contractors, and is based on equipment specifications for standard models including all necessary attachments to perform the work. Adjustments will not be made to the hourly rate due to optional components that may increase the weight, capacity, or power of a piece of equipment.

Except for Subsection 127.02.09, Hoisting Equipment, the rates listed cover the range of all equipment up to the next highest increment. When a piece of equipment falls in between listed categories, with respect to weight or capacity, the lower rate shall apply. For Subsection 127.02.09, Hoisting Equipment, when the size of the equipment falls between the increments shown, the rate is to be determined by a straight-line interpolation and rounded to the nearest five cents.

The rental rates reflect the existing tax situations as they pertain to the purchase of equipment at the date of publication.

Section 127.03, Manufacturers' Model, Specification, and Capacity Reference Guide, covers a partial listing of manufacturers' equipment model or specification numbers, with appropriate capacity and power ratings. This guide is provided for reference purposes only to assist in determining the appropriate ratings listed in Section 127.02, Schedule of Rental Rates for Construction Equipment.

The rates are reviewed annually; therefore, any errors, omissions, or additional suggestions or amendments should be addressed in writing to:

Head, Estimating
 Construction Office
 Ministry of Transportation of Ontario
 Garden City Tower, 2nd Floor
 301 St. Paul St.
 St. Catharines, ON L2R 7R4

127.02 SCHEDULE OF RENTAL RATES FOR CONSTRUCTION EQUIPMENT

127.02.01 AIR EQUIPMENT

127.02.01.01 Air Compressor, Silenced

Flow Rate m ³ /min	
3	11.30
5	18.70
7	28.95
10	39.90
17	69.30
25	94.25
37	125.40

127.02.01.02 Air Hammer, Including 15 m Hose, Excluding Points

Weight, kg	
3	1.15
14	2.10
28	2.35
33	2.50

127.02.01.03 Sand Blaster, Including Nozzles and Hoses

Sand Pot Capacity Weight, kg	
45	2.80
135	5.15
270	5.30

127.02.02 ASPHALT EQUIPMENT

127.02.02.01 Asphalt Paver

Weight, kg	
2,000	43.20
4,000	72.05
7,000	84.42
9,000	206.15
14,000	226.45
17,000	251.45
20,000	305.55

127.02.02.02 Asphalt Paver Attachment

Generator Set	3.50
Mechanical Floating Beam	3.10
Mechanical Grade and Slope Control	12.00
Screed Extension, Bolt On	3.30
Sonic Averaging Ski	5.50
Sonic Grade and Slope Control	13.80

127.02.02.03	Asphalt Distributor With Truck	
Tank Volume, litre		
7,000		94.30
11,000		110.65
127.02.02.04	Asphalt Pavement Profiler	
Power, kW		
32		107.85
120		146.40
135		235.85
340*		434.90
590*		550.15
700*		700.70
* Excluding teeth		
127.02.02.05	Asphalt Pavement Repair Equipment	
Equipment Type		
4 kW Pavement Line Grinder		2.45
8 kW Pavement Line Grinder		6.70
Pavement Router		10.20
Hot Air Lance		2.65
Mastic Kettle		36.35
127.02.02.06	Asphalt Material Transfer Vehicle	
Without Surge Bin		184.55
With Surge Bin		257.50
127.02.02.07	Profilograph	
Equipment Type		
California Profilograph, including trailer		24.80
127.02.02.08	Linestripper	
Equipment Type		
Walk Behind		4.90
Walk Behind Ride On Attachment		4.05
Skid Mounted		12.55
Trailer Mounted		17.10
Ride On		23.40
400 litre Truck Mounted		81.65
1,000 litre Truck Mounted		94.60
2,000 litre Truck Mounted		115.05
2,000 litre Truck Mounted, including attenuator		122.05

127.02.03 COMPACTION EQUIPMENT

Note: Equipment weights include water ballast, where applicable.

127.02.03.01 Rammer

Minimum Weight, kg

45	4.20
65	4.95
85	7.15

127.02.03.02 Manually Guided, Vibratory Plate

Minimum Weight, kg

65	3.60
100	5.40
160	9.30
280	16.15
390	18.55
500	29.50

127.02.03.03 Hoe Mounted, Vibratory Plate, Hydraulic

Minimum Weight, kg

100	6.95
300	8.55
600	14.40
900	17.75

127.02.03.04 Manually Guided, Self-Propelled, Vibratory, Tandem Drum

Minimum Weight, kg

400	15.10
600	18.45
800	20.60
1,200	31.10

127.02.03.05 Self-Propelled, Vibratory, Single Pad Foot Drum

Minimum Weight, kg

1,000	36.15
4,000	42.00
6,000	53.80
9,200	69.90
13,000	76.65
18,000	100.70

127.02.03.06 Self-Propelled, Vibratory, Single Smooth Drum

Minimum Weight, kg

1,000	29.95
4,000	40.00
6,000	49.55
9,200	66.55
13,000	72.75
18,000	94.15

127.02.03.07 Self-Propelled, Vibratory, Tandem Drum

Minimum Weight, kg	
1,000	24.30
3,000	36.00
6,000	55.20
8,000	66.10
10,000	75.35
12,000	92.75
16,000	110.55

127.02.03.08 Self-Propelled, Static, Tandem Drum

Minimum Weight, kg	
1,200	11.70
4,000	35.15
7,000	42.05
10,000	47.85

127.02.03.09 Self-Propelled, Static, Segmented, Four-Wheeled, Two Axles, Including Blade

Minimum Weight, kg	
13,500	104.60
19,000	195.65

127.02.03.10 Self-Propelled, Static, Pneumatic Tires

Minimum Weight, kg	
8,000, 8 to 11 tires	48.50
18,000, 7 to 9 tires	66.42

127.02.04 CONCRETE EQUIPMENT

127.02.04.01 Saw, Self-Propelled, Excluding Blades

Power, kW	
5	6.80
10	7.90
15	14.80
40	23.50
45, Curb-Trailer, Self-Contained	53.95
157, Curb-Truck, Self-Contained	87.40

127.02.04.02 Saw, Manually Guided, Excluding Blades

Power, kW	
3	2.70
5	4.15
10	5.95

127.02.04.03 Slip Form Paver

Equipment Type	
Curb Only, Manual Steering	36.15
*Curb Only, Tractor	101.45
*Curb and Barrier	127.05
Street/Highway:	
1 to 2 Lane Capability - Typical Width 3.1 to 7.62 m	300.20
3 or more Lanes - Typical Width 3.66 to 17.17 m	486.15

* Include Standard Mould

127.02.04.04 Concrete Vibrator, Including Flexible Shaft and Electric Motor

Vibrator Diameter, mm	
< 50	1.10
50	1.70

127.02.04.05 Concrete Repair Equipment

Equipment Type	
50 mm Hammer Drill, excluding bits	1.90
Predampener	11.60
4 m ³ /hr Shotcrete, Dry Process	13.65
9 m ³ /hr Shotcrete, Dry Process	19.10
Continuous Mixer, Hopper < 1 m ³	29.20
Batch Mixer, Hopper < 1 m ³	35.30

127.02.04.06 Concrete Placing Equipment

Equipment Type	
4 m ³ /hr Concrete Pump, Trailer Mount	13.75
15 m ³ /hr Concrete Pump, Trailer Mount	35.15
25 m ³ /hr Concrete Pump, Trailer Mount	45.80
35 m ³ /hr Concrete Pump, Trailer Mount	50.90
54 m ³ /hr Concrete Pump, Trailer Mount	59.65
17 m Vertical Height, Concrete Pump-Truck Mount	162.15
24 m Vertical Height, Concrete Pump-Truck Mount	238.15
28 m Vertical Height, Concrete Pump-Truck Mount	244.35
33 m Vertical Height, Concrete Pump-Truck Mount	265.05
40 m Vertical Height, Concrete Pump-Truck Mount	327.95
47 m Vertical Height, Concrete Pump-Truck Mount	543.65
Concrete Deck Finisher, Self-Propelled	41.10
Concrete Placer	159.50
Concrete Placer Spreader	259.35
Concrete Texture Curing Machine	97.90
Concrete Conveyor	35.85

127.02.04.07 Hydraulic Breaker, Boom Mounted, Excluding Points

Impact Energy

joules	
200	7.25
400	11.65
900	15.70
1,400	25.60
2,200	39.35
3,300	46.90
4,500	52.10
6,000	75.90
12,000	114.10

127.02.05 CRUSHING EQUIPMENT

127.02.05.01 Jaw Crusher, Excluding Power Unit

Jaw Opening, m	
0.55 x 0.90	149.30
0.70 x 1.10	190.80
0.85 x 1.10	225.80

127.02.05.02 Cone Crusher, Excluding Power Unit

Cone Diameter, m	
0.90	179.60
1.0	183.25
1.3	194.70
1.6	223.05

127.02.05.03 Impact Crusher, Excluding Power Unit

Equipment Type	
1.15 x 1.35 m Impact	219.15
2.63 m VSI Tub Size	113.65

127.02.05.04 Roll Crusher, Excluding Power Unit

Roller Size, m	
1.0 x 0.75	169.90
1.05 x 1.0	195.70

127.02.05.05 Screening Plant, Double Deck, Including Power Unit

Screen Size, m	
1.2 x 2.4	42.55
1.5 x 3.6	66.55
1.5 x 6.0	90.15

127.02.05.06 Screening Plant, Triple Deck, Excluding Power Unit

Screen Size, m	
1.8 x 4.9	93.25
1.8 x 6.0	119.20
2.4 x 6.0	134.20

127.02.05.07 Surge Bins and Conveyor, Including Power Unit

Bin Volume, m ³	
3	14.25
7	16.40
10	47.30
20	56.35

127.02.05.08 Stacker, Excluding Power Unit

Stacker Height, m	
12	14.70
18	19.75
24	36.55
30	48.05
35	54.40

127.02.05.09 Telescoping Stackers, Excluding Power Unit

Width, m	
0.75	68.70
0.90	72.30
1.05	99.70

127.02.05.10 Trommel Screening Plant, Including Power Unit

Screen Size, m	
1.22 x 2.14	44.75
1.53 x 3.66	73.10
1.53 x 4.88	94.95
1.83 x 4.88	113.55
1.83 x 6.41	139.20

127.02.06 EARTH MOVING, GRADING EQUIPMENT

127.02.06.01 Scraper, Single Engine, Two-Wheel Drive

Minimum Struck Capacity, m ³	
8	144.07
10	201.60
16	309.33

127.02.06.02 Scraper, Twin Engine, Four-Wheel Drive

Minimum Struck Capacity, m ³	
10	210.90
16	359.90

127.02.06.03 Scraper, Single Engine, Self-Loading

Minimum Struck Capacity, m ³	
7	168.10
11	231.90

127.02.06.04 Scraper, Pull Type

Volume, m³

6	35.35
9	44.90
13	64.80

127.02.06.05 Tractor Bulldozer, Crawler Type

Minimum Net Flywheel Power, kW

25	43.00
50	48.30
60	55.50
80	80.10
120	109.60
160	157.50
210	207.25
280	293.15

127.02.06.06 Tractor Bulldozer Ripper Attachment, Hydraulic, Rear Mounted

Power, kW

50	8.75
120	15.20
160	18.70
210	30.20
280	40.25

127.02.06.07 Wheeled Tractor, Farm, Two-Wheel Drive

Power, kW

10	10.25
25	15.90
40	18.10
45	21.00
50	29.70
60	32.15
70	37.25
80	46.40
90	50.20
100	51.90
110	58.35
120	67.35

127.02.06.08 Wheeled Tractor, Farm, Four-Wheel Drive

Power, kW	
10	11.70
25	19.50
40	22.70
45	24.55
50	32.10
60	34.15
70	41.05
80	49.20
90	52.95
100	58.90
110	61.30
120	70.10
135	82.45
150	91.05
180	113.15

127.02.06.09 Wheeled Tractor, Industrial, Two-Wheel Drive

Power, kW	
40	29.35

127.02.06.10 Wheeled Tractor, Industrial, Four-Wheel Drive

Power, kW	
30	27.75
40	32.35
50	35.60
75	43.30
100	79.95

127.02.06.11 Motor Grader, Rigid Frame

Minimum Operating Weight, kg	
11,500	50.90
14,500	59.70
17,000	82.75

127.02.06.12 Motor Grader, Articulated Frame

Minimum Operating Weight, kg	
5,000	55.15
11,500	67.90
14,000	79.60
15,500	87.25
17,000	100.90
22,000	170.95

127.02.06.13 Motor Grader Ripper or Scarifier Attachment, Hydraulic Mounted

Grader Weight, kg	
5,000 - Grader Ripper	7.85
14,000 - Grader Ripper	9.25
15,500 - Grader Ripper	9.25
17,000 - Grader Ripper	13.65
22,000 - Grader Ripper	21.40
Scarifier - any size grader	5.20

127.02.06.14 Gravel or Chip Spreader, Self-Propelled

Spreader Width, m	
3 - 4	113.60

127.02.06.15 Spreader Attachment

Equipment Type	
Grader/FEL - Shouldering	38.35

127.02.06.16 Shoulder Spreader/Road Widener

Spreader Width, m	
2	129.10
3	177.40

127.02.06.17 Reclaimer/Stabilizer

Equipment Power, kW	
250 *	213.70
325 *	257.85
440 *	352.60

* Excluding teeth

127.02.06.18 Grade Trimmer

Minimum Width, m	
3	342.30

127.02.07 EXCAVATION EQUIPMENT

127.02.07.01 Clams, Draglines, Shovels, Crawler Mounted, All Cable

Minimum Operating Weight, kg	
27,000	159.95
40,000	193.60
60,000	217.55
75,000	256.30

127.02.07.02 Hydraulic Excavator, Crawler Mounted, Long Reach, 12 to 21 m Boom

Minimum Operating Weight, kg

19,500	95.25
23,000	115.10
26,500	121.40
32,000	159.40
44,000	213.40

127.02.07.03 Hydraulic Excavator, Crawler Mounted

Minimum Operating Weight, kg

1,000	21.85
3,000	22.15
4,000	29.80
6,000	52.20
12,000	60.75
15,000	75.50
19,500	86.35
23,000	102.80
26,500	112.35
32,000	132.55
44,000	184.50
55,000	264.50
70,000	323.20
100,000	443.15

127.02.07.04 Hydraulic Excavator, Rubber Tired

Minimum Operating Weight, kg

11,000	93.10
18,000	115.35

127.02.07.05 Hydraulic Excavator, Bucket Attachment, Wrist Action

Heaped Capacity, m³

0.25	3.70
0.50	6.00
0.75	6.45
1.50	11.90

127.02.07.06 Telescopic Boom, Carrier Mounted Excavator

Weight, kg

11,000	82.55
15,000	115.50
20,000	134.50
22,000	163.45

127.02.07.07 Telescopic Boom, Crawler Mounted Excavator

Weight, kg

12,000	70.70
18,000	105.60
20,000	125.25

127.02.07.08 Tractor With Loader/Backhoe Combination, Two-Wheel Drive

Minimum Power, kW

30	23.45
45	32.80
60	38.55
75	62.40

127.02.07.09 Tractor With Loader/Backhoe Combination, Four-Wheel Drive

Minimum Power, kW

30	24.55
45	38.15
65	46.80
80	75.20

127.02.07.10 Tractor With Loader/Backhoe Combination Attachments

Attachment Type

Extendable Arm on Hoe	2.60
300 mm Auger	2.90
Jaw Bucket	5.50

For Hydraulic Ram Hoe Attachments, see 127.02.03.03

127.02.07.11 Front End Loader, Crawler Mounted

Power, kW

50	53.30
70	86.70
100	110.60
150	160.75

127.02.07.12 Front End Loader, Rubber Tire, Four-Wheel Drive

Power, kW

40	40.40
75	52.05
100	58.60
125	73.80
150	80.45
175	104.75
200	118.65
225	137.85
250	147.15
300	206.70

127.02.07.13 Skid Steer Loader, Rubber Tire

Lift Capacity, kg

300	20.65
700	24.15
850	27.65
1,100	30.90
1,400	35.90
1,600	39.80

127.02.07.14	Skid Steer Loader, Tracked	
Lift Capacity, kg		
600		30.90
900		37.20

127.02.07.15	Skid Steer Loader, Attachments	
Attachment Type		
Auger		2.55
Backhoe		4.15
Breaker		9.50
Cold Planer		10.25
Multi Bucket		3.65
Pick Up Broom		4.90
Power Rake		6.65
Scarifier		7.90
Steel Tracks		2.00
Sweeper, Angle Broom		7.00
Trencher		3.10

127.02.07.16	Chain Type Trenching Equipment	
Power, kW		
13		21.30
20		35.60
35		53.35
50		73.40

127.02.08 HAULAGE EQUIPMENT

127.02.08.01	Tag Along Trailer	
Load Capacity, kg		
2,000		3.00
3,000		5.30
9,000		8.75
16,000		11.10
19,000		15.20

127.02.08.02	Rigid Gooseneck Float With Tractor	
Load Capacity, kg		
20,000		88.55

127.02.08.03	Detachable Gooseneck Float With Tractor	
Load Capacity, kg		
30,000		98.70
45,000		104.35
54,000		111.25

127.02.08.04	Pickup, Two-Wheel Drive	
Pickup Type		
Mini Type		15.75
2,600 kg GVW		21.50
3,800 kg GVW		23.55
4,400 kg GVW		24.10
127.02.08.05	Pickup, Four-Wheel Drive	
Pickup Type		
Mini Type		17.30
2,600 kg GVW		22.70
3,800 kg GVW		24.65
4,400 kg GVW		25.95
127.02.08.06	Rear Dump, Single Rear Axle, Diesel or Gas	
AGW, kg		
9,000		51.00
12,000		63.75
127.02.08.07	Rear Dump, Tandem Rear Axle, Diesel or Gas	
AGW, kg		
20,000		70.65
22,000		76.85
24,000		80.75
22,000 kg Stone Slinger		84.35
24,000 kg Stone Slinger		88.00
127.02.08.08	Rear Dump, Triaxle, Diesel	
AGW, kg		
32,000		96.60
32,000 kg Stone Slinger		104.90
127.02.08.09	Tractor, On Highway, Diesel	
Tandem Axle		86.10
127.02.08.10	Trailers, Rear Dump	
Axle Configuration		
Pony/Pup		36.60
Tri		41.45
Quad		42.55
Quint		49.05
127.02.08.11	Trailers, Live Bottom	
Axle Configuration		
Tandem		36.50
Tri		43.80
Quad		48.25
Quint		53.50

127.02.08.12	Water Truck, Single Rear Axle	
Spray Bar Type		
Gravity		60.05
Pressure		63.15

127.02.08.13	Water Truck, Tandem Rear Axle	
Spray Bar Type		
Pressure		71.90

127.02.08.14	Dump Trucks, Off Highway, Rigid Frame	
Payload, kg		
30,000		183.30
35,000		201.20
38,000		223.45
50,000		272.70
75,000		372.95

127.02.08.15	Dump Trucks, Off Highway, Articulated Frame	
Payload, kg		
20,000		138.20
26,000		158.65
30,000		189.30
35,000		215.90

127.02.09 HOISTING EQUIPMENT

127.02.09.01	Boom Truck	
Lift Capacity, kg		
4,500		68.35
7,000		120.40
11,000		158.30
19,000		164.25
25,000		174.55

127.02.09.02	Hydraulic Crane, Rough Terrain	
Lift Capacity, kg		
13,000		91.55
20,000		130.95
40,000		174.55
65,000		212.45
80,000		253.55

127.02.09.03 Hydraulic Crane, Carrier Mounted

Lift Capacity, kg	
25,000	159.70
45,000	203.60
60,000	262.20
90,000	383.00
135,000	467.95
200,000	526.65

127.02.09.04 Lattice Boom Crane, Crawler Mounted

Lift Capacity, kg	
32,000	181.80
50,000	195.60
70,000	274.60
90,000	338.40
130,000	473.90
200,000	576.55

127.02.09.05 Lattice Boom Crane, Carrier Mounted

Lift Capacity, kg	
60,000	223.60
110,000	412.00
160,000	519.35
270,000	601.65

127.02.09.06 Aerial Bucket Lift, Truck Mounted, Including Truck

Platform Height, m	
7.0	61.35
10.0	94.20
15.0	99.05
20.0	121.40

127.02.09.07 Aerial Bucket Lift, Self-Propelled, Telescopic/Articulating

Platform Height, m	
9.0	35.85
12.0	44.35
18.0	60.05
22.0	84.40
30.0	113.90

127.02.09.08 Scissor Lift, Self-Propelled

Platform Height, m	
4.0	7.95
7.0	17.05
9.0	26.75

127.02.09.09 Tool Carrier

Power Rating, kW

40	46.35
75	51.50
100	60.15
125	70.75

127.02.09.10 Telescopic Handlers

Lifting Height, m

5	49.35
10	63.35

127.02.10 PILE DRIVING EQUIPMENT

127.02.10.01 Hammer, Open End, Diesel

Rated Energy, joules

50,000	52.35
80,000	79.70
120,000	97.95

127.02.10.02 Driver/Extractor, Vibratory Centrifugal, Including Power Pack, Excluding Crane

Driving Force, kN

245	58.55
392	92.05
637	121.20
980	176.00
1,471	215.85

127.02.10.03 Leads, Including Hydraulics and Kicker

Length, m

20, Fixed Travel	33.25
20, Vertical Travel	55.45
24, Fixed Travel	34.85
24, Vertical Travel	63.40
30, Fixed Travel	36.55
30, Vertical Travel	65.90

127.02.10.04 Hydraulic Post Driver

Hydraulic Post Driver, Guide Rail	48.15
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127.02.11 DRILLING EQUIPMENT

Note: Use Manufacturer's Model, Specification, and Capacity tables to determine power rating for hydraulically driven rotary drilling equipment.

127.02.11.01 Mechanical Drilling Equipment, Truck Mounted, Including Auger and Crowd and Power Pack

Power, kW	
80	159.75

127.02.11.02 Mechanical Drilling Equipment, Carrier Mounted, Including Auger

Power, kW	
95	118.45
113	212.80
130	307.35
150	442.45
185	528.15

127.02.11.03 Mechanical Drilling Equipment, Crawler Mounted, Including Auger

Power, kW	
60	147.65
95	213.55
113	247.55
130	282.65
150	419.75
185	501.15

127.02.11.04 Hydraulic Drill Rig

Power, kW	
185	474.10
200	526.25
250	612.45
Additional Casing/Liner	4.60/metre

Note: Base rate includes initial casing up to 20 m and auger.

127.02.11.05 Mechanical Drilling Equipment, Crane Mounted Attachment, Including Auger

Power, kW	
110	125.70
155	201.35
200	232.20

127.02.11.06 Horizontal Earth Boring Equipment

Power Rating, kW	
20	50.80
50	60.00
75	92.05
100	154.60

127.02.11.07 Trenchless Directional Drill, Track Mounted

Operating Weight, kg

1,000	61.60
7,000	104.75
12,000	222.80

127.02.11.08 Hydraulic Rock Drill, Including Power Pack, Excluding Drill Steel and Bits

Diameter, mm

≤ 100	151.95
> 100	196.25

127.02.12 BROOM AND SWEEPER EQUIPMENT

127.02.12.01 Front Mounted Attachment, Hydraulic

Broom Width, m

1.2	8.15
1.8	9.45
2.4	10.80

127.02.12.02 Self-Propelled, Dual Control

Sweeper Type

Bottom Dump	77.90
High Dump	105.45
Vacuum	157.80

127.02.13 FORESTRY EQUIPMENT

127.02.13.01 Brush Chipper, Tow Type

Minimum Net Flywheel Power, kW

19	14.10
35	21.35
60	33.85
80	46.90

127.02.13.02 Log Skidder, Cable/Grapple

Minimum Net Flywheel Power, kW

75	89.10
110	103.85
120	138.10
150	199.50

127.02.13.03 Chain Saw

Length, m

0.40	1.60
0.60	2.05
0.75	2.40
0.90	2.55

127.02.14 PORTABLE GENERATING EQUIPMENT

127.02.14.01 Generator, Gas or Diesel

Power, kW

0.5, Air Cooled, Gasoline	1.60
3, Air Cooled, Gasoline	2.55
5, Air Cooled, Gasoline	4.25
10, Air Cooled, Diesel	13.40
40, Water Cooled, Diesel	20.10
80, Water Cooled, Diesel	33.50
150, Water Cooled, Diesel	53.45
300, Water Cooled, Diesel	86.35
400, Water Cooled, Diesel	110.30
600, Water Cooled, Diesel	181.65
910, Water Cooled, Diesel	220.15

127.02.15 PUMPING EQUIPMENT

127.02.15.01 Centrifugal, Dewatering, Including 6 m Suction and 7.5 m Discharge

Intake Size, mm

25, Air Cooled, gasoline	1.20
38, Air Cooled, gasoline	1.80
50, Air Cooled, gasoline	2.30
75, Air Cooled, gasoline	3.00
100, Air Cooled, gasoline	3.70

127.02.15.02 Centrifugal, Trash, Including 6 m Suction and 7.5 m Discharge

Intake Size, mm

38	6.65
50	9.20
75	11.95
100	22.30
150	40.05

127.02.15.03 Diaphragm, Including 6 m Suction and 7.5 m Discharge

Intake Size, mm

50, Air Cooled, gasoline	4.75
75, Air Cooled, gasoline	6.10
100, Air Cooled, gasoline	9.50

127.02.15.04 Electric Submersible, Including 30 m Cable and 7.5 m Discharge, Excluding Generator

Intake Diameter, mm

50	1.25
75	3.60
100	6.40
150	9.05
200	16.35

127.02.16	WELDING EQUIPMENT	
127.02.16.01	DC Arc Welder, Engine Driven, Including Rods	
Current, A		
125		4.60
150		7.00
200		9.30
300		16.00
400		25.95
127.02.16.02	Oxygen/Acetylene Torch, Including Gas, Excluding Rods	
Equipment Type		
Hand Mobile, Heavy Duty		9.90
127.02.17	TRAFFIC CONTROL DEVICES	
127.02.17.01	Portable Variable Message Signs	
Equipment Type		
Trailer Mounted, Solar		9.90
Truck Mounted		3.85
127.02.17.02	Buffer Vehicles, Including Arrow Board and Attenuator	
Equipment Type		
Crash Truck		56.45
127.02.17.03	Traffic Barrels	
Each Per Day		1.00
127.02.18	MISCELLANEOUS EQUIPMENT	
127.02.18.01	Hydro Excavation Equipment	
Hydro Excavating / Vacuum Truck		143.85
127.04	NON-CURRENT EQUIPMENT	
127.04.01	Air Equipment	
127.04.01.01	Air Track, Crawler Mounted, Excluding Compressor, Excluding Drill Steel and Bits	
Hole Diameter, mm		
≤ 100		38.75
> 100		52.55

127.04.04 Concrete Equipment

127.04.04.01 Air Breaker, Boom Mounted, Excluding Points

Rated Energy, joules

600	5.50
900	10.50
2,200	22.40

127.03

**MANUFACTURERS' MODEL, SPECIFICATION, AND CAPACITY
REFERENCE GUIDE**

Note: Each table has a number in parentheses as part of the table title that refers to the corresponding clause in Section 2 - Schedule of Rental Rates for Construction Equipment.

127.03.01 AIR EQUIPMENT

Air Compressor, Silenced (127.02.01.01)

CLASSIFIER	MAKE AND MODEL			
Flow Rate m ³ /min	Atlas Copco	Grimmer-Schmidt	Ingersoll-Rand	Sullair
3	XAS7 XASTS67 Hardhat XATS67 XATS67 Hardhat XAS77 XAS77 Hardhat	125 150 H100G 125G OEM 125G	P-100WD P-130WD P-110WIR P-135WIR AIRSOURCE	125
5	XAS97 XAHS106 XATS116	175 185D 185E 185J 210D 210J H185D H210D H130E	P-185WJD P-185WIR XP185WIR AIRSOURCE Plus IR AIRSOURCE Plus JD	185
7	XAS126 XA(S)136 XAHS146	250 250D H300D	P-250WJD P-260WIR VHP300WIR	250
10	XATS156 XAHS186 XA(S)186	375 375D	P-375WCU P-600WCU XP375WIR HP375WIR VHP400WIR P425WIR HP450WIR	375 425
17	XAMS286 XAHS336 XAMS356 XRHS366	800 800D	P-750WJD P-600WIR XP675WCU XHP700WCAT XP750WCU HP750WCU VHP750WCAT MHP825WCAT XP825WCU MHP825WCU	750
25	XAHS426 XRVS366 XAMS496 XRHS486 XAHS536 XAMS546	900	HP900WCAT HP915WCU HP1300WCU XP1200WCU	1050
37			P-1600WCU	1600

Sand Blaster, Including Nozzles and Hoses (127.02.01.03)

CLASSIFIER	MAKE AND MODEL			
Weight kg	Canablast	Empire	Lindsay	Schmidt
45	100 - psx			1.5
135	340 P	P-350	300LAD	4
270	640 P	P-650	600LAD	7

Air Track, Crawler Mounted, Excluding Compressor, Excluding Drill Steel and Bits (127.02.01.04)

CLASSIFIER	MAKE AND MODEL	
Hole Diameter mm	Atlas-Copco	Ingersoll-Rand
≤ 100	ROC 203	LM100A/YD90
> 100	ROC 442 PC ROC 460 P	CM 348/VL 140 ECM 350/VL 140 LM 100A/BRH CM 345/DHD 340A ECM 345/DHD 340A

127.03.02

ASPHALT EQUIPMENT

Asphalt Paver (127.02.02.01)

CLASSIFIER	MAKE AND MODEL										
Weight kg	ABG	Barber- Greene	Blaw- Knox	Caterpillar	Cedarapids	Gehl	Gilcrest	Ingersoll- Rand	Lee Boy	Mauldin	Vogele/ Wirtgen
2,000			M-450 PF-545			1448 1649				550E	
4,000			PF-150 PF-840 PF-855 PF-875 3120			1648	813 814			690F 1500SP	
7,000					BSF-330			650P 660W 580W		1750C	
9,000		BG-210B	PF-120H PF-161 PF-171 PF-172 PF-400		CR351 CR361			780T 880TD 780W	8500		AP780WB AP880RTB
14,000			PF-2181 PF-3172 PF-3200 PF-4410	AP650B AP800C AP900 BG225C BG230	352 362S 362 CR 361R CR 451						AP880WB
17,000			PF-5500 PF-5510	AP655C AP900B AP1000B AP1050B BG240C BG245C BG260C BG2455C	452 462S 462 552 562S CR 461R CR 461RX CR 551 CR 561R						AP1010WB AP1110WB
20,000	325EPM 423			AP1055B	562						AP1110RTB

Asphalt Distributor With Truck (127.02.02.03)

CLASSIFIER	MAKE AND MODEL		
Tank Volume L	Bearcat	E. D. Etnyre	Rosco
7,000	BC-501/CRC *	Shooter 1665	
11,000	BC-501/CRC *	Centennial 2500 Centennial 3000 Centennial 3500	Maximizer 3 Maximizer 11

* Equipment available in 7,000+ and 11,000+ tank capacities.

Asphalt Pavement Profiler (127.02.02.04)

CLASSIFIER	MAKE AND MODEL			
Power kW	Caterpillar	Roadtec	Terex	Wirtgen Inc.
32				W35 W50
120				W600DC W1000L
135				1000F 1000
340	PM 200	RX500 RX700	PR600	W1900 W2000
590	PM 201		PR800-7 PR860	W2200
700			PR950	

Asphalt Pavement Repair Equipment (127.02.02.05)

CLASSIFIER	MAKE AND MODEL		
Equipment Type	Bartell	Edco	Hoffman
4 kW Pavement Line Grinder	SP 8		
8 kW Pavement Line Grinder		TLR-7	H92

Asphalt Material Transfer Vehicle (127.02.02.06)

CLASSIFIER	MAKE AND MODEL		
Equipment Type	Ingersoll-Rand	Roadtec	Terex
No Surge Bin		MTV-1000C	
Surge Bin	MC 330	SB 2500	CR 662

Rammer (127.02.03.01)

CLASSIFIER	MAKE AND MODEL					
Min. Weight kg	Bomag	Dynapac	Ingersoll-Rand	Mikasa	Vibromax	Wacker
45	BS 600 BT 50 BT-58 BT 60 BT60/4		RX-55 RX-554	MT-55F MT-62HS MTR 50 MTR 60L	SL 1B VM1	BS 45 Y BS 52 Y BS 60 Y BS 500 BS 600 ES 52 Y
65	BS 720 BT-68 BT 65 BT 65-4	LC 50 LC 70	RX-65 RX-75 RX-654 RX-654H RX-754 RX-754H	MT 65H MT 70 MT-74F MT-75HS MT-76D MT-85HS	SL 2B VM2	BS 62 Y BS 700 DS 72 Y
85				MT-86D MTR 80L		BS 100 Y BS 105 Y

Manually Guided, Vibratory Plate (127.02.03.02)

CLASSIFIER	MAKE AND MODEL					
Min. Weight kg	Bomag	Dynapac	Ingersoll-Rand	Mikasa	Vibromax	Wacker
65	BP 10/36 BP 10/36-2 BP 15/45 BP 18-45-2	LG 140	BX-6WH BX-8 BX-8WH BXR-7	MT-85HS MVC 77 MVC-88GHW MVC-90H MVC 90L	AT 8 AV 600 AV 601 AV 900 AV 901	VP 1135AW VP 1340W VP 1550AW VPA 1740 VPG 165A VPR 1330 VPY 1740 WP 1550V
100	BPR 25/32 BPR 25/40	LG 450	BX-12 BX-12WH	MVC 110 MVC 135G MVH-R120GH MVH-R150GH	AV 1300B AV 22B 12	BPS 2550A BPS 2550R BPU 2440A DPU 2430 VP 2050A VP 2050Y VPA 1350W VPY 1770
160	BPR 30/38 BPR 30/38D			MVH 150D MVH 200D MVH 200G MVH 200GH	15 25	BPU 2950A DPU 2950
280	BPR 45/45			MVH-304DSB MVH-304GHB	35	BPU 3345A BPU 5045A DPU 4045H DPU 5045H
390	BPR 55/52D			MVH-402DSB MVH-402GHB		DPU 6055 DPU 6055H
500	BPH80/65S BPR65/52D-3			MVH-502DSB MVH-702DSRC	45	DPU 100-70 DPU 7060 DPU 7060H DPU 7060RC

Hoe Mounted, Vibratory Plate, Hydraulic (127.02.03.03)

CLASSIFIER	MAKE AND MODEL							
Min. Weight kg	Tramac	NPK	Stanley	Allied	Balderson	Kent	BTI (formerly Teledyne)	Rammer
100	TR-6 TR-7S TR-8	C-2 C2C	HS 2500 HS 3000	500 4700		KHP 30 KHP 35		RP 10
300	TR-4S TR-9 TR-14	C-4B C4C	HS 6000 HS 8000	8700C NT 8900	B4 B4S	KHP-12 KHP 65	TC-90S TC-91S	RP 20
600	TR-21	C-6 C6C	HS 11000	9700C	B6 B6S	KHP-25 KHP 135	TC-151S	
900	TR-40 TR-40M	C-8 C8C C10C C-12 C12C	HS 20000 HS 22000	9800 9801	B8	KHP 210-11	TC-150S TC-301	RP 40 RP 50

Manually Guided, Self-Propelled, Vibratory, Tandem Drum (127.02.03.04)

CLASSIFIER	MAKE AND MODEL					
Min. Weight kg	Bomag	Dynapac	Ingersoll-Rand	Mikasa	Vibromax 2000	Wacker
400	BW 35 BW 65S BW 71E		DX-500E	V304 EH V304 EY	W 50	RS 800A RS 800H RSS 800A
600	BW 60HD BW 65S BW 65S-2	LP 650	DX-60 DX-70 DX-70E DX-600E	MR 8D MR 8G	W 70	W 55T W 65T W 74A
800	BW 60S BW 65H BW 75S BW 75S-2	LP 750		MDR 9D MDR 9G MRH 800 DS MRH 800 GS		RD 7H RD 11 W 74T WH 74
1,200	BW 75AD-2 BW 90S BW 85T		FX-130	MRV 10G MRV 15 P 3324		RD 15H RT 560 RT 820

Self-Propelled, Vibratory, Single Pad Foot Drum (127.02.03.05)

CLASSIFIER	MAKE AND MODEL							
Min. Weight kg	Vibromax	Super Pac	Dynapac	Ingersoll-Rand	Caterpillar	Bomag	Hamm	Hypac
1,000		540P 4010P	A36PD A40PD			BW 124PD BW 124PDH-3		C812C
4,000	405-PD	540P 600P 540PC	CA121PD CA141PD CA121PD-PDB CA141PD-PDB	SD-40F	CP-323C	BW142PD-2 BW145PDH-3	3205P	C822C
6,000	602B-PD 605-PD	6620P	CA151PD CA152PD	SD-70F	CP-433C CP-433E	BW172PD2 BW177PDH-3	2322 DS 3307P	C832C
9,200	1102-PD	840P 8410P 8420P	CA250PD CA252PD CA262PD CA301PD CA302PD	SD-100F SD-115F	CP-563C CP-563E	BW211PDH-3 BW213PDH-3	2422-D 3412P	C842C C852C
13,000	1105-PD 1402-PD 1405-PD	8430P	CA302PD(2003) CA362PD CA512PD CA551PD CA602PD	SD-150F	CP-583	BW218PD	2522-DS	
18,000	1805-PD	8430P	CA602PD	SD-175F SD-180F			3520P	

Self-Propelled, Vibratory, Single Smooth Drum (127.02.03.06)

CLASSIFIER	MAKE AND MODEL							
Min. Weight kg	Vibromax	Super Pac	Dynapac	Ingersoll-Rand	Caterpillar	Bomag	Hamm	Hypac
1,000		A300V 540 4010				BW 122D BW 124D BW 124DH-S		C815C
4,000	405-D	540(2003) 600	CA 121D CA 141D	SD-40 SD-40D	CS-323 C	BW 142D-2 BW 145D-3	2220 D	C820C C825C
6,000	602B-D 605-D	6620	CA 150D CA 151D CA 152D	SD-70 SD-70D	CS-423 E CS-431 B CS 433 C CS 433 E	BW 172D-2 BW 177D-3	2320 D 3307	C830C C835C
9,200	1102-D 1105-D	8410 8420 840	CA 250D CA 251D CA 252D CA 262D CA 320D	SD-100 SD-100D SD-115	CS-563 C	BW 211D-3 BW 213D-3 BW 213DH-3	2420 D 3412	C840C C850C C855C
13,000	1402-D 1405-D	8430	CA 302D CA 362D CA 511D CA 512D	SD-150 SD-150D	CS-573 E CS-583 C CS-583 E	BW 217D	2520-D	
18,000	1805-D		CA 620D	SD-175 SD-180		BW 219DH-3	3520	

Self-Propelled, Vibratory, Tandem Drum (127.02.03.07)

CLASSIFIER		MAKE AND MODEL								
Drum Width m	Min. Weight kg	Bomag	Dynapac	Hamm	Ingersoll-Rand	Caterpillar	Wacker	Vibromax 2000	Hypac	Superpac
0.75	1,000	BW80AD-2 BW90AD BW120AD-2 BW120AD-3 BW80D	CC 102 CC 122 LA 75 2100V	HD 10 HD 12	DD-22 DD-24 DD-28HF DD-30	CB- 214B,C CB-214D CB- 224B,C CB-224D CB-225D	RD 11A RD 11V RD 25 WHK 90L WHK4080 WHK5010	102 252 255 265		A421 A471
1.30	3,000	BW130AD BW137AD BW138AD	CC 142	* DV 3 HD 13	DD-32 DD-38HF	CB-334D CB-335D		W 355 W 365 W 455 W 465 752C	C 754A C 754B C330B-3ton C330B-5ton	
1.40	6,000	BW141AD-2 BW144AD-2 BW151AD-2	CC 211 CC 221 CC 222	DV 6 HD 70HV HD 75HV	DD-65 DD-70	CB-434 CB-434C			C760C C340C-8ton C340C-10ton C350D-12ton	
1.67	8,000	BW161AD BW161AD-2 BW161ADS BW164AD	CC 232	DV 8 HD 85 HD 85-C HD 110HV	DD-90	CB-534B		W 752B	C766B C766C C350D-14ton	
1.67	10,000	BW180AD BW202AD BW202ADH-2	CC 421 CC 422HF CC 522HF CC 722	DV 10 HD 110HV HD 130HV	DD-110 DD-130	CB-534D CB-634			C778B	
1.67	12,000	BW184AD BW205	CC 432 CC 622	HD130HV		CB-634D			C784	
1.67	16,000		CC 722							

* Hamm DV 3 Drum Width 1.10 m

Self-Propelled, Static, Tandem Drum (127.02.03.08)

CLASSIFIER	MAKE AND MODEL				
Min. Weight kg	Bomag	Dynapac	Ingersoll-Rand	Leeboy	Superpac
1,200		2100		300	320
4,000	BW5AS BW9AS BW9ASW C 330B	CS 06T			
7,000	BW11AS C 340C	CS 08T CS 10T	ST 60 ST 75		
10,000	C 350D	CS 12T CS 14T	ST 80 ST 105		

Self-Propelled, Static, Segmented, Four-Wheeled, Two Axles, Including Blade (127.02.03.09)

CLASSIFIER	MAKE AND MODEL		
Min. Weight kg	Bomag	Caterpillar	Dynapac
13,500	K-350P		CT 251
19,000		815 F 825 C 825 G	

Self-Propelled, Static, Pneumatic Tires (127.02.03.10)

CLASSIFIER	MAKE AND MODEL					
Min. Weight kg	Bomag	Caterpillar	Dynapac	Hamm	Hypac	Ingersoll-Rand
8,000	BW 24R (4+4) BW 11RH (4+5)	PS 110 (5+6) PS 130 (5+4) PS 150B (5+6) PS 180 (5+4) PS 360B (3+4)	CP 141 CP 142 (5+4) CP 15 (4+5)	GRW 5 (5+4)	C 530A C 530AH C 560B (5+4)	PT 140A (5+4) PT 125R (4+5)
18,000	BW 20R (4+4)	PF 300B PS 200B (5+4) PS 300B (3+4)	CP 21 (3+4) CP 221 (3+4) CP 22 (4+3) CP 27 CP 271 (5+4) CP 301 (5+4)	GRW 10 (4+4) GRW 15 (4+4) GRW 18 (4+4) GRW 35 (4+4)		

Slip Form Paver (127.02.04.03)

CLASSIFIER	MAKE AND MODEL							
Equipment Type	Allen Engineering	Gomaco Corp.	Guntert & Zimmerman	Huron Mfg.	Miller Formless	Power Curbers	Rexcon	Terex Road Building
Curb Only - Manual Steering		CC-12 Curb Cadet						
Curb Only - Ride On					M 1000			
Curb and Barrier		GT-6000-78 GT-6000-90 GT-3200 GT-3300 GT-6300		Easy Pour	M-8100 M-8800	5700-B Super Bee		BCG-3303
1 to 2 Lanes	ASF1600 2T HP ASF2700 2T HP ASF3200 2T HP	GP-2600 GPH-2800	S850 ST-20 S850 ST-26			SF-2700 SF-3000	Town & Country	2204B HVB
3 or More Lanes		GP 4000	S850 (350-24) S850 (350-34) S1500					

Concrete Placing Equipment (127.02.04.06)

CLASSIFIER	MAKE AND MODEL						
Equipment Type	Gomaco Corp.	Guntert & Zimmerman	Heavy Equipment Mfg.	Power Pavers	Rexcon	Terex Bidwell	Terex Road Building
Concrete Deck Finisher	750 450					2450 3600 4800	
Concrete Placer Spreader	RPT-500 PS 2600		MP 2500 PS 1230	PS-2700 PS-3000	Town & Country #1		PS 3502 PS 6004
Concrete Texture Curing Machine	T/C-600 T/C-400B T/C-400	TC 850		TC-2700	2600	TC-360	
Concrete Conveyor	RC/Conveyor RC/Conveyor (wider)						

Scraper, Single Engine, Two-Wheel Drive (127.02.06.01)

CLASSIFIER	MAKE AND MODEL		
Min. Struck Capacity m ³	Caterpillar	Fiat-Allis	Terex
8	611		
10	621F 621G	260B	
16	631E 631G 651E		S-24C

Scraper, Twin Engine, Four-Wheel Drive (127.02.06.02)

CLASSIFIER	MAKE AND MODEL		
Min. Struck Capacity m ³	Caterpillar	Fiat-Allis	Terex
10	627F 627G	262-B	TS-14C TS-14D TS-14G
16	637E 637G 657E 671E		TS-24C

Scraper, Single Engine, Self-Loading (127.02.06.03)

CLASSIFIER	MAKE AND MODEL			
Min. Struck Capacity m ³	Caterpillar	Fiat-Allis	John Deere	Terex
7	613C 613C SII		JD 762B	S17E
11	615C 615C SII 623F 623G	161	JD 862B	

Scraper, Pull Type (127.02.06.04)

CLASSIFIER	MAKE AND MODEL	
Volume m ³	Bron	Reynolds
6		12C10 14CS10 12E10 12.5E12 14E10.5 15.5E14
9	35 E 35 F	16CS10 17C12 17CS12 17E10.5 18CMX12.5 18CS14 20E12.5
13	63 E 63 F	

Tractor Bulldozer, Crawler Type (127.02.06.05)

CLASSIFIER	MAKE AND MODEL									
	Case	Caterpillar	Dresser	Dressta	Fiat-Allis	Hanomag	John Deere	Komatsu	Liebherr	New Holland
50	550G 550H 650K	D3C XL 111 D3CLGP111 D3C 111 D3G D3C, D4C	TD7G TD7H	TD-7H TD-7M			450E,G,H 450J 550G	D31E&P D32E&P D31EX-21 D31PX-21		D75
60	650G 750K 850D 850G 850K	D4H,D5C D4C 111 D4C XL 111 D4CLGA111 D4G D5G D5XL 111	TD8G,H TD9H	TD-8H TD-8M TD-9H TD-9M	FD7 FD9	D500E	550G, H 550J 650G, H 650J	D32E-1 D41A D37 E&P D37EX-21 D38 E&P D38E-1 D38P-1 D39 E&P D39E-1 D39P-1 D41 E&P D41E-6 D41P-6	PR711 PR712B	D85 D95
80	1150E, G 1150H 1150K 1450B 1550 1650K	D5H D5M LGP D5M XL D5NLGP D5N XL D5XL 111 D6K D6N LGP D6N XL	TD12 TD12G	TD-12C TD-15C TD-12C-XP	14C	D540E D600D	700H 700J 750B, C 750BLT 750CII 750J	D53A D65E D41E-6C D41P-6C D61EX-15 D61PX-15	PR721 PR722B PR731	
120	1850K	D6RLGPD/S D6RLGP 11 D6RXL 11 D6RXW 11 D7G, H	TD-20 TD15E	TD-15H	FD20	D700D	850B 850BLT 850C 850J	D65 E&P D65EX-15 D65PX-15	PR732B PR741	
160		D7R D/S D7RLGP 11	TD20G TD-25	TD-20H	FD30B		950J	D85E D85E&P D155A	PR742B	
210		D8N, D9N D8R D/S D8R 11 D8T	TD25G	TD-25H			1050C	D155AX-3 D155AX-6	PR752	
280		D9R D/S D9T	TD40	TD-40C	FD40				PR751	

Note: The power rating should be obtained from equipment in use, as the models in the table above may span a number of years and categories/ratings.

Tractor Bulldozer Ripper Attachment, Hydraulic, Rear Mounted (127.02.06.06)

CLASSIFIER	MAKE AND MODEL					
Power kW	Case	Caterpillar	Dresser / Dressta	John Deere	Komatsu	New Holland
50	550 H 650 H 650 K 750 H 750 K 850 H 850 K 1150 H 1150 K 1650 K	D3G D4G D5G D6NXL D6NLGP	TD7H TD8H TD9H TD12C-XP	450J 550J 650J 700J 750J	D37E-5 D41E-6 D31EX-21 D37EX-21 D37PX-21 D39EX-21 D41E-6C D61EX-12	D75 D85 D95
120	1850 K	D6R	TD15H TD15H/LGP	850J	D65EX-12 D65EX-15	
160		D7R	TD20H		D85E-21 D85EX-15 D85PX-15	
210		D8R D8T D8R LGP	TD25H		D155AX-5	
280		D9R D9T	TD40C		D275A-2 D375A-3	

Wheeled Tractor, Farm, Two-Wheel Drive (127.02.06.07)

CLASSIFIER	MAKE AND MODEL				
	AGCO	John Deere	Kubota	Massey Ferguson	New Holland
Power kW 10		790 990 4210 4310		MF 1215-2 MF 1225-2 MF 1230-2 1233-2 1240-2 1250-2	TC-18 TC-25 TC-29 TC-30 TC-33 TC-35
25		4510 5203 4610 5205 5103 5220 5105 5225	M 4900 F	MF 451	3010S 3415 TC-40 TC-45 TN-55 TN-65
40		5210 5303 5310 5320 5325		MF 471 240 240S 253 263 271	TN-70F TN-70
45		5403 5420 5425 6120		4325	TN-75 TL-80 STD
50	LT 70	5410 5520 5525 6215 6220 6230 6320		281 MF 481 4335 M 6800 F	TN-80F LT-90 TN-95F
60	LT 85	5510 6405 6110 6415 6210 6420 6330 6603 6403		4345 6255-2	TL-100 STD
70	RT 95	6310 6715 6410 7210 6430 7220 6603 7405 6605 7410 6615		6265-2 6270-2 4360	TM-120 TM-130 TV-140
80	RT 115	7320 7420		6280-2 6290-2 4370	TM-140
90	RT 130	7520 7610		6290-2	TM-155
100	RT 145	7320 7630 7710			TM-175
110		7330 7810			TM-190
120		7830 7930 8120 8130 8220			

Wheeled Tractor, Farm, Four-Wheel Drive (127.02.06.08)

CLASSIFIER	MAKE AND MODEL						
	Power kW	John Deere	Massey Ferguson	New Holland	AGCO	Kubota	Fendt
10	790 990 2210 2305 2320 2520 3120 3203	3320 3520 4010 4110 4115 4210 4310 4410	MF 1205-4 MF 1215-4 MF 1225-4 MF 1230-4 MF 1233-4 MF 1235-4 MF 1240-4 MF 1250-4 MF 1260-4	TC-18 TC-21 TC-25 TC-29 TC-30 TC-33 TC-35		L310 DT	
25	990 3720 4120 4320 4510 4520 4610	4710 4720 5105 5202 5205 5220 5225	MF 451	TC-40 TC-45 TN-55 TN-65 2120 3010S		L3410 DT L3710 DT L4310 DT L4610 GST	
40	5210 5320 5325		240 253 MF 471	TN-70F TN-70		M6800 DT MX5700 DT	
45	5420 5425 6120		263 271 4325	TN-75 TL-80			
50	5310 5410 5520 5525	6215 6220 6230 6320	281 MF 481 4335	TL-80F TL-90 TN-95F TS-90 TS-100		M6800 DT	409
60	5510 6110 6210 6330 6403	6405 6415 6603 7210	4345 6255-4	TL-100 STD TS-110			410
70	6310 6410 6430 6605 6615	6715 7210 7220 7320	4355 4360	TL-100 TM-120	RT 95 DT 200 DT 225		411 412
80	6715 7320 7420 7510		4370 6280-4	TM-140	RT 115		712
90	7520 7610		6290-4	TM-155	RT 130		714
100	7630 7710			TM-175	RT 145		716
110	7730 7810			TM-190	DT 160		918
120	7830 7930 8120 8130 8220				DT 180		
135	8220 8230				DT 200		920
150	8320 8330 8420 9120				DT 225		924
180	8430 8520 8530 9320 9420 9520						926

Wheeled Tractor, Industrial, Two-Wheel Drive (127.02.06.09)

CLASSIFIER		MAKE AND MODEL		
Power kW		Case	John Deere	New Holland
40		570 L 570 Mxt 570 Mxt Turbo	210 LE	U80 U80 Turbo

Wheeled Tractor, Industrial, Four-Wheel Drive (127.02.06.10)

CLASSIFIER		MAKE AND MODEL				
Power kW		Case	Ditch Witch	JCB	John Deere	Kubota New Holland
30			3610 3700 3700CD 5110		110	L48 R420S R520S
40			5700	210 SU		
50		570 L 570 Mxt 570 Mxt Turbo	7610 RT 70 RT 90	212 SU	110 210 LE	U80 U80 Turbo
75			8020 RT 115			
100			HT 185 RT 185			

Motor Grader, Rigid Frame (127.02.06.11)

CLASSIFIER		MAKE AND MODEL		
Minimum Operating Wt. kg	Minimum Net Flywheel Power kW	Champion	Fiat-Allis	Galion
11,500	125		FG 85	
14,500	135	720 730	FG 95	T 500C
17,000	185	740 760 750-780		T 600C

Motor Grader, Articulated Frame (127.02.06.12)

CLASSIFIER	MAKE AND MODEL							
	Volvo/ Champion	New Holland	Caterpillar	Case	Galion/ Dresser	Fiat-Allis	John Deere	Komatsu
Min. Operating Wt. kg								
5,000	C70A G80	RG 80 RG 100	120H					
11,500	710A 710A VHP	RG 140	135 H 140 H	845	830 850		670B 670C Series II 670CH Series II	GD530A GD530AW-2C GD555-3 Laterra GD650A GD650AW
14,000	710A 720A 720A VHP G710B G720B	RG 170	12H 143H	865	970	FG 70A-B FG 75A-B FG 85A-B	770B 672CH Series II 770CH Series II 772CH Series II	GD650A-2C GD650AW-2C GD670A GD670AW GD750AW
15,500	730A 730A VHP 740A 740A VHP G730B E740B	RG 200	160H 163H					GD670AW-2C GD670A-2C GD675-3 Laterra
17,000	750A 750A VHP 780A 780A VHP G780B		14H	885		FG 105A-B		GD750A-1
22,000			16H					

Spreader Attachment (127.02.06.15)

CLASSIFIER	MAKE AND MODEL
Equipment Type	Midland
Grader/FEL - Shouldering	SA-1 WA-1

Shoulder Spreader/Road Widener (127.02.06.16)

CLASSIFIER	MAKE AND MODEL	
Spreader Width m	Midland	Blaw-Knox
2	SP-8	
3	SP-10	RW-100A RW-195D

Reclaimer/Stabilizer (127.02.06.17)

CLASSIFIER	MAKE AND MODEL				
Equipment Size kW	Bomag	Caterpillar	CMI	Hypac	Wirtgen
250	100R 100S 100S-DM MPH 362S MPH 362R	RM250C RR250B SS250B		MPH 362 SDM	
325	MPH 122 MPH 364R MPH 364R MPH 364SDM MPH 454S	RM350B	RS-425 RS-425B RS-500B RS-500C	MPH 364R MPH 364S MPH 454R MPH 454S	SS Raco 350
440			RS-650 RS-650B RS-800		WR 2500S WR 2500SK 2200CR

Grade Trimmer (127.02.06.18)

CLASSIFIER		MAKE AND MODEL	
Minimum Width m		CMI	Gomaco
2		TR 3503 TR 4503	
3.75		TR 6004	9000 9500

127.03.07 EXCAVATION EQUIPMENT**Clams, Draglines, Shovels, Crawler Mounted, All Cable (127.02.07.01)**

CLASSIFIER		MAKE AND MODEL		
Min. Operating Weight kg	Size kW	American	Linkbelt	Manitowoc
27,000	1.1		LS-98D LS-108C	M50
40,000	1.3	5220	LS-138	
60,000	1.5	7225	LS-208H 11	M65 M80
75,000	1.9		LS-218H	

Hydraulic Excavator, Crawler Mounted (127.02.07.03)

CLASSIFIER		MAKE AND MODEL												
Min. Oper. Weight kg	Nominal Bucket Size m ³	Bobcat	Case	Caterpillar	Daewoo	Fiat-Allis	Hitachi	John Deere	Kobelco	Komatsu	Liebherr	Linkbelt	Samsung	Volvo
1,000		320 325 331					EX17U EX27U	17ZTS 28CZTS		PC12R-8 PC15R-8 PC27R-8				
3,000					DH50		EX35U EX80-5	35CZTS	30SR-3 35SR-3	PC35MR-2				
4,000							EX50	50CZTS	50SR-3	PC50MR-2 PC58UU-3			SE50-3	EC55
6,000			9007B	307B 311B			EX110	80 190E 290D	SK70SR	PC60-7 PC95		1600		
12,000	0.3		9010B CX130 CX135SR	312BL		FX130LC	EX120 EX150	110 120 490D	SK135SR	PC120-6		2650 LS2650	SE130LC-3	EC140B
15,000	0.5		9020B CX160	315BL 318BL	DH170		EX160 EX200	590D 160LC		PC150LC-6 PC170-6	R900	2700 LS2700		EC150
19,500	0.7		9030B CX210	320L	DH220LC	FX210LC	EX220 EX200LC-5 Zaxis 200	690ELC 200LC	SK200SR SK210LC	PC200LC-6	R902 R904 - LITRONIC R912 R914 - LITRONIC	2800 LS2800	SE210LC-3	EC210B
23,000	1.0		9040B CX240	322L, BL	DH280	FX250LC	EX230-5 EX270	790ELC 230LC	SK235SR	PC220LC-6 PC250LC-6	R922 R924 - LITRONIC R932	3400 LS3400	SE240LC-3	EC240B
26,500	1.2		9045B CX290	325BL	DH320	FX310LC	EX270-5 EX300	270LC 892	SK290LC	PC270LC	R942 R934 - LITRONIC	3900	SE280LC-3	EC290B
32,000	1.5		9050B CX330	330BL 330L			EX330LC-5 EX370-5 EX400 EX450	330LC 370	SK330LC	PC300LC	R944 - LITRONIC	4300	SE350LC-2	EC330B EC360B
44,000	1.7		9060B CX460	345BL 350L	DH450		EX450-5	450LC	SK480LC	PC400LC PC400HD	R945B - LITRONIC R954 R964	5800 LS5800	SE450LC-2	EC460B
55,000				365BL			EX550 EX550-LC Zaxis 600	600LC		PC600LC				
70,000	2.0		CX800	375L 375BL			EX700 EX750-LC Zaxis 800	750 800C		PC750		8000		
100,000	5.0			5080 5090			EX1100			PC1100-6				

Hydraulic Excavator, Rubber Tired (127.02.07.04)

CLASSIFIER		MAKE AND MODEL							
Min. Operating Weight kg	Power kW	Caterpillar	Liebherr	Badger	Komatsu	Samsung	John Deere	Daewoo	Volvo
11,000	50	M312 M315 M318	A308 A900		PW170 PW170ES-6	SE170W3	595	DH130W	
18,000	75	M320	A904 LITRONIC A914 LITRONIC A924 LITRONIC	1085C				DH200W	EW180B

Telescopic Boom, Carrier Mounted Excavator (127.02.07.06)

CLASSIFIER	MAKE AND MODEL	
Weight kg	Badger	Gradall
11,000		XL2300
15,000	450-4X2 450-4X4 460-6X4 460-6X6	65WD XL3100 XL3300
20,000	670-6X4 670-6X6	XL4100 XL4100-II XL4300-II
22,000	888-6X4 888-6X6	XL5100

Telescopic Boom, Crawler Mounted Excavator (127.02.07.07)

CLASSIFIER	MAKE AND MODEL
Weight kg	Gradall
12,000	XL2200
18,000	XL4200
20,000	XL5200

Tractor With Loader/Backhoe Combination, Two-Wheel Drive (127.02.07.08)

CLASSIFIER		MAKE AND MODEL					
Minimum Power kW	Nominal Bucket Size m ³	Case	Caterpillar	JCB	John Deere	Komatsu	Massey Ferguson
30	0.5	480E			210CL/H		
45	0.7	580L 580M	416B 416C 416D 426B	214 E IV 214 III	310D 310E		
60	1.3	580SL 590SL 580M Turbo 580 Super M 580 Super M+ 590 Super M	420D 426C 430D 436B 436C 446B	214 214E 215 215 E III 217 217 III	310SE 410D 410E 510D	WB150-2	50HX 60
75	1.3		446B 446D		710D		

Tractor With Loader/Backhoe Combination, Four-Wheel Drive (127.02.07.09)

CLASSIFIER		MAKE AND MODEL			
Minimum Power kW	Nominal Bucket Size m ³	Case	Caterpillar	JCB	John Deere
30	0.5			208S	110 TLB
45	0.7	580L 580M 580M Turbo	416B 416C 416D 420D 426B 436	210S 212S 214 214 IV 215E	310D 310G 310SG 315SG 410D
65	1.3	580SL 580 Super M 580 Super M+ 590 Super M	426C 430D 437C 446D	214E 214 III, S, SM 215 215 III, S 217 217S 217 III	410E 410G 510D
80	1.3		446B		710D 710G

Front End Loader, Crawler Mounted (127.02.07.11)

CLASSIFIER	MAKE AND MODEL			
Power kW	Caterpillar	John Deere	Fiat-Allis	Liebherr
50	933 933C 939C	455G 555G		LR611
70	953B 955C 939		FL145	LR621C LR622 LITRONIC
100	936B 953C 960C 963C	655C-II	FL175	LR631C LR632 LITRONIC
150	973 973B 973C	755C-II		LR641C LR641 LITRONIC

Front End Loader, Rubber Tire, Four-Wheel Drive (127.02.07.12)

CLASSIFIER	MAKE AND MODEL									
	Power kW	Cat	Case	Dresser	Fiat-Allis	JCB	Komatsu	John Deere	Liebherr	Volvo
40	914G		510C	FR70 FR90	210SL 407B ZX 409 409B ZX 411 411B HT 411HT	WA120-1	244E 244H 304H 324H 344G 344H	L512	L50C L50D	WA95-3 50Z IV
75	924F 924G 928F 928G	521D 621B 621C	515C	FR100 FR120.2	416 416B HT 416HT 426B HT 426B ZX 426HT	WA120-3 WA120L-3 WA180-1 WA180-3 WA250-3 WA250-5	444G 444H TC 44H 544G 544H TC 54H	L522	L70C	60Z IV
100	938F 938G	621D 721B 721C	520C 532	FR130.2 FR140.2	436B HT 436B ZX 436HT	WA250-1 WA300-3 WA320-1 WA320-3 WA320-5	624G 624H TC 62H	L531-B L541-B	L60E L70E L90C	65Z IV-2 65ZV 70Z IV-2
125	950F 950G 962G	721D 821B 821C 821D		FR160.2 FR180.2	950G 456B ZX 456HT	WA380 WA380-5 WA400-5	644E 644G 644H 644H MH	L544	L90E	70ZV 80ZV
150	960F 966F 962G-II	921B	545	FR220.2		WA420 WA420-1	724J 744E 744H 744H MH	L551	L110E L120C L120E	80Z IV-2 85Z IV-2
175	966G	921C				WA450-5	744J	L564		
200	970F 972G 966G-II	921D				WA450-1 WA450-3 WA480-5 WA500-1	824J		L150C L150E L180C	90Z IV-2 90ZV
225	980G					WA500 WA500-3			L180E L220D	95Z IV-2
250									L220E	95ZV
300	988F 988G 990		560B			WA600-1 WA600-3 WA700			L330C L330E	115Z IV-2 115ZV

Skid Steer Loader, Rubber Tire (127.02.07.13)

CLASSIFIER	MAKE AND MODEL									
	Bobcat	Thomas	Mustang	Gehl	New Holland	Caterpillar	Volvo	John Deere	Case	JCB
300	463 553 S130 443B 543B 743B 753 753H	85 105 135 T83 T103 T105 T133S	2022 2032 2044	3935 4635 SXT SL3410 SL3825 SL4625	LS120 LS125 LS140 LS150	216 226	MC60 MC70	240	40 XT 1825B 1825 1838	160 170 165 Robot
700	S160 S175 S185 7753 853 853H	153 175 T173	2054	4835 SXT SL5625	LS160 LS170	232 236	MC80	250	1845 1845C	
850	A220 S220	225 245HF T183 T203 T233HD	2064 2074	5635 SXT 6635 SXT SL6625		242 246 248 252 260	MC110	260	70 XT 75 XT 85 XT	190 185 Robot
1,100	A300 S250 S300	255			LS180	262 270			90 XT	1110 185 Robot
1,400			2095	7600	LS190	280			95 XT	
1,600			2105	7800						

Skid Steer Loader, Attachments (127.02.07.15)

CLASSIFIER	MAKE AND MODEL									
	Case	Thomas	Teledyne	Cleansweep	Bobcat	Caterpillar	Volvo	John Deere	New Holland	Gehl
Attachment Type										
300 mm Auger	CA15	AU 19			AB		NR 3-10		300 P	300 A
Backhoe	D100 D125	XR 911								
Breaker		HB 102			BR	H45/H45S		HB 15		550 BK
Scarifier										
Sweeper		AB 101	TB 125	AMH72		BA18	ABR10-2	BA72	560B	72 BR
Multi-Bucket					MB411		MBU-2-10	MP66	40B-ML	36 MB
Power Rake		MB 106			PR			PR72		65 PR
Steel Tracks	Grouser 120				STR	ST18	STR8-10	ST32	45T-ST	
Trencher					TR		TRE14-10	TR48	16TR	24TR
Cold Planer	Alitec 30	CP 110			CP	PC4	PL4-10	CP12	16C	16 CP
Pick up Broom					PB	BP18		PB72		72PB

Chain Type Trenching Equipment (127.02.07.16)

CLASSIFIER	MAKE AND MODEL			
Power kW	Astec	Case	Ditch Witch	Vermeer
13	TF 300B	TF300B	1820 RT25	
20	RT 360 RT 460	360 460	3610 3700 RT36 RT40 420SX	
35	RT 560 RT 560 Quad RT 660 RT 669 Quad	560 660	3700 CD 5110 5700 RT55	
50	RT 960		7610 8020 RT70 RT75 RT90 RT95 RT115	T455 T555 T655

127.03.08 HAULAGE EQUIPMENT

Dump Trucks, Off Highway, Rigid Frame (127.02.08.14)

CLASSIFIER	MAKE AND MODEL			
Payload kg	Caterpillar	Euclid/Hitachi	Komatsu	Terex
30,000	770	R35		3305B TR35 TR40
35,000	769C 769D	EH650	HD325-6	3340 3345
38,000	771D 772	EH700 EH750-3		TR45
50,000	773D 773E 773F 775E 775F	EH1000 EH1100 EH1100-3	HD465-7 HD605-7	3360B 3310E TR60 TR70
75,000	777D 777F	EH1600 EH1700		TR100

Dump Trucks, Off Highway, Articulated Frame (127.02.08.15)

CLASSIFIER	MAKE AND MODEL							
Payload kg	Caterpillar	Hitachi	John Deere	Komatsu	Link Belt	Moxy	Terex	Volvo
20,000	D25D D250E 725	AH250-D	250D		D25		2566C 2766C TA25	A25B A25C A25D
26,000	D30D D300D D350E 730	AH300-D	300D	HM300-1	D300	MT30X	3066C TA30	A30C A30D
30,000	735	350D	350D	HM350-1		MT36	TA35	A35C A35D
35,000	D40D D400D D400E 740 740 Ejector	AH400-D	400D	HM400-1		MT40B	4066C TA40	A40 A40D

127.03.09 HOISTING EQUIPMENT

Boom Truck (127.02.09.01)

CLASSIFIER	MAKE AND MODEL				
Lift Capacity kg	Mainitex	Manitowoc	National	Tadano	Terex
7,000			300C 400B		
11,000	1703 C	1770 C 1781 C	500D 500E 600D 600E	TM-1882 TM-20110	3063B 3470 3874
19,000	2601 C	26101C 22101S 2892S	900A		4485 4792
25,000	3001 3500	2892C 2892C-HYACS 38100HL 38124HL	1100 1400 1500 1800		5092 60100

Hydraulic Crane, Rough Terrain (127.02.09.02)

CLASSIFIER	MAKE AND MODEL				
Lift Capacity kg	Broderson	Grove	Link Belt	Tadano	Terex
13,000	IC 200-F IC 250-A RT 200-E RT 300-B RT 300-C			TX 150XL	208S
20,000		RT 525E RT 530E	ATC 822 RT 8030-II RTC 8030 RTC 8040	TR 300XL-4 TR 450XL-4	CD 200 RT 200 RT 300-1
40,000		GMK 2035 GMK 3050 RT 600E RT 700E	RTC 8050 RTC 8050-IV RTC 8060 RTC 8065	ATF 500XL TR 450XL-3 TRX 600XL-4 TRX 650XL-4	RT 500-1
65,000		GMK 4090 GMK 5120B GMK 5240 GMK 6250 GMK 6250L GMK 7550 RT875BXL RT 875C RT 9100 RT 9130E	ATC 3130 RTC 8075-II RTC 8080-II RTC 8170	ATF 650XL ATF 1300 XL TR 800XXL-4	600-1 RT 700
80,000		RT 9100 RT 9130E	RTC 8090 RTC 80100		RT 1000 RT 1100

Hydraulic Crane, Carrier Mounted (127.02.09.03)

CLASSIFIER	MAKE AND MODEL				
Lift Capacity kg	Grove	Liebherr	Link Belt	Tadano	Terex
12,000			ATC 822		
25,000	TSM 500E	LTM 1035/1 LTM 1030-2-1 LTM 1040-2-1	HTC 8640 HTC 8640 Heavy Lift	TT 300XL	T 230 T 300 T 335 T 340 T 700
45,000	TSM 700E	LTM 1045/1 LTM 1055/1 LTM 1045-3-1 LTM 1055-3-1	HTC 8660 HTC 8650 HTC 11100	TT 600XL	T 490 T 500-1 T 560
60,000	TMS 800E TMS 900E *	LTM 1060/1 LTM 1070-4-1 LTM 1080/1	HTC 8670LB HTT 8675 HTT 8690 HT-8675 -Long Boom	TT 800XXL *	T 750 T 790
90,000	TMS 900E *	LTM 1090/2 LTM 1095 LTM 1100/2 LTM 1130-5-1		TT 800XXL *	
135,000		LTM 1150-1 LTM 1160/2 LTM 1200/1			
200,000		LTM 1250/1 LTM 1300/1 LTM 1500 LTM 1800			

* May be either capacity depending on equipment year of manufacture.

Lattice Boom Crane, Crawler Mounted (127.02.09.04)

CLASSIFIER	MAKE AND MODEL				
Lift Capacity kg	American Crane	Kobelco	Liebherr	Link Belt	Manitowoc
32,000			HS 833		
50,000	5299A 5300			108 HYLAB 5 LS-108 H II LS-138 H II LS-208 II	
70,000	HC 80 7225A	CK 800 III CK 850 III		138 HYLAB 5	Model 111
90,000	7260 HC 110 HC 125 9260	CK 1000 III	LR 1090	LS-218 H II LS-308 H II 218 HSL	Model 222
130,000	9299 HC 150 HC 210	CK 1600 II CK 2000 II	LR 1160	LS-238 H LS-248 H II 248 HYLAB 5	Model 555 Model 777
200,000	9310A 9320	CK 2500 II		HC-278 H 298 HSL 348 HYLAB 5	Model 888

Lattice Boom Crane, Carrier Mounted (127.02.09.05)

CLASSIFIER	MAKE AND MODEL			
Lift Capacity kg	American Crane	Liebherr	Link Belt	Manitowoc
60,000	5530		HTT 8675 HT-8675 Long Boom	
110,000	7150 8470 9460 9480		HC-238 HII HC-248 H	777T
270,000	9490	LG 1550 LG 1750	HC-278 HII	

Aerial Bucket Lift, Truck Mounted, Including Truck (127.02.09.06)

CLASSIFIER	MAKE AND MODEL			
Platform Height m	Altec	Mobile Tool International	Terex	Versalift
7.0	AT200AV	P3	T292	Vantel 29N/1
10.0	AO442 AT35G L42A TA36 TA37 TA40 TA41	83G-36 U3	SC40 TL36P	SST37E1H
13.0	AM650 AT37G CLASS A 50 LRV52	83G-42 829-45 829-50 U5-50 805B-50	OM50	VO431
16.0	AM50 AM55 AM855 LRV52 LRV55	805B-55		LT56 VO255/260 VO350/355 VST5000-6000
20.0	CLASS A 70 CLASS A 77T			VST7500

Aerial Bucket Lift, Self-Propelled, Telescopic/Articulating (127.02.09.07)

CLASSIFIER	MAKE AND MODEL				
Platform Height m	Genie	Grove	JLG	Snorkel	Terex
9.0	A-30/20 Z-30/20N Z-34/22N			TB 37	TA 33 TA 34
12.0	S40 S45 Z-45/25		400S 400SJ 450A 450AJ 460SJ M450A	AB 50J TB 42 TB 42J TB 47J TB 50 UNO41	TA 40E TA 50E TA 50RT TB 42 TB 50
18.0	S60 S65 Z-60/34	A60J Type I A60J Type II T60 T60 Type II T65T	600A 600AJ 600AJN 600AN 600S 600SC 660SJ 660SJC	AB 60J TB 60 TB 66J	TB 60 TB 66
22.0	S80 S85 Z80/60	A80J T80 T86J	740AJ 800A 800AJ 800HX 800HX6 800S 860SJ	TB 80 TB 85J	TB 85
30.0	S100 S105			TB 100J	TB100 TB110
36.0	S120 S125		1200SJP 1250AJP 1350SJP 150 HAX	TB 120 TB 126J	

Scissor Lift, Self-Propelled (127.02.09.08)

CLASSIFIER	MAKE AND MODEL			
Platform Height m	Genie	JLG	Skyjack	Terex
4.0	GS-1530 GS-1930 GS-2032 GS-2046	1532E3 1930ES 1932E2 2030ES 2032E2 2033E3	SJIII 3015 SJIII 3215 SJIII 3219 SJII 3220 SJIII 4620	TSM 20
7.0	GS-2632 GS-2646 GS-2668 GS-2668RT	260MRT 2630ES 2632E2 2643E2 2646E3 2646ES 2658	2409 SJIII 3226 SJIII 6826 SJ 4626 SJ 7127	TSM 25RT TSM 26
9.0	GS-3246 GS-3268DC GS-3268RT GS-3384RT GS-3390RT GS-4390 GS-5390	3246E2 3369LE 339RT 3394RT 4069LE 439RT 4394RT 500RTS	4832 6832 8831 8841E 9250RT SJIII 4632 SJIII 6832 SJ 7135 SJ 8243 SJ 8831 SJ 8841 SJ 9250	TSM 30 TSM 30RT TM54RT

Tool Carrier (127.02.09.09)

CLASSIFIER	MAKE AND MODEL			
Power Rating kW	Caterpillar	JCB	John Deere	Komatsu
40	IT 14G	411-HT		
75	IT 28G	416-HT		WA200PT-5
100		426-HT	544J 624J	
125		436-HT 456-HT	644J	WA250PT-5

Telescopic Handlers (127.02.09.10)

CLASSIFIER	MAKE AND MODEL		
Lifting Height m	Bobcat	Caterpillar	JCB
5 - 10	V 518 V 723	TH210 TH215 TH220 TH330B	520
>10		TH350B TH460B	506-C 506-C HL 508-C 540 TURBO 550

127.03.10

PILE DRIVING EQUIPMENT

Hammer, Open End, Diesel (127.02.10.01)

CLASSIFIER	MAKE AND MODEL					
Rated Energy J	APE	Berminghammer	Delmag	ICE	MKT	Pileco
50,000	D19-42 D25-32	B-3505 B-4005	D16-32 D19-32 D19-42 D112-32	42S	DE-42 DE-50 DE-50C	
80,000	D30-32 D36-32	B-4505 B-5005	D25-32 D30-32	I-30 60S 80S	DE-70	
120,000	D46-32 D62-42	B-5505 B-6505 G4	D36-32 D46-32 D62-22	D62-22 I-36 I-46 I-62 I-80 100S 120S 120S-15 205-S	DE-110 DE-150	D62-22 D80-23

Driver Extractor, Vibratory Centrifugal, Including Power Pack, Excluding Crane (127.02.10.02)

CLASSIFIER	MAKE AND MODEL				
Driving Force kN	APE	Delmag	HPSI	ICE	MKT
245			MODEL 100	216	
392	50 Vibro	HPSI 65 HPSI 130 HPSI 150	MODEL 150	23 RF 7 RF	VC 5
637	100 Vibro 150 Vibro	HPSI 200 HPSI 260	MODEL 200 MODEL 250 MODEL 260 MODEL 300	11-23 14-23 14 RF 40-30 44-30 416L	V-20B
980		HPSI 300 HPSI 400		44-50 66-65 416L	150 Tandem Vibro
1,471	200 Vibro, 3	HPSI 450		44-65	V-30 V-35

127.03.11

DRILLING EQUIPMENT

**Mechanical Drilling Equipment, Truck Mounted,
Including Auger and Crowd and Power Pack (127.02.11.01)**

CLASSIFIER	MAKE AND MODEL	
Power KW	Reedrill	Watson
80	Texoma Model 650 Texoma Model 500 Texoma Model 330	1100 2100

Mechanical Drilling Equipment, Carrier Mounted, Including Auger (127.02.11.02)

CLASSIFIER	MAKE AND MODEL	
Power KW	Reedrill	Watson
95	Texoma 330 Texoma 500	
113	Texoma 600 Texoma 700 Texoma 800	
130		2500
150	Texoma 900	3000 3100
185	Magnum XL	

Mechanical Drilling Equipment, Crawler Mounted, Including Auger (127.02.11.03)

CLASSIFIER	MAKE AND MODEL				
Power KW	Liebherr	Mait	Reedrill	Watson	Williams
60		HR 45			
95			Texoma 600T Texoma 700T		DS60T
113		HR 100 HR 110	Texoma 800T	2100	
130				2500	
150		CFA 24 HR 130 HR 160	Texoma 900T	3000 3100	
185	HS 833 LB	HR 180 HR 200 HR 240	Magnum XLT Taurus XLT	3400	

Hydraulic Drill Rig (127.02.11.04)

CLASSIFIER	MAKE AND MODEL	
Power KW	Bauer	IMT
185	BG 18 H BT 50 BG 25 H	AF 160 AF 180
200	BG 20 H BT 60	
250	BG 24 H BT 70 C BG 28 H BT 60	AF 280

Mechanical Drilling Equipment, Crane Mounted Attachment, Including Auger (127.02.11.05)

CLASSIFIER	MAKE AND MODEL				
Power kW	Berminghammer	Calweld	Reeddrill	Steven M. Hain	Watson
110	Mark IV BDH-30/30	125 CH		165 K	5000 CA
155	BDH 60/60	155 CH	CM 100	450 K	
200					200 K

Horizontal Earth Boring Equipment (127.02.11.06)

CLASSIFIER	MAKE AND MODEL		
Power Rating Kw	American Augers	Barbco Inc.	Bor-it Mfg.
20	24/30-150 30/225	24-150 30-200	24 Brute 30 Power Plus
50		36-350 36-500	36 Workhorse 36/425 Workhorse
75	36/42-440G2 48/54-900G2 42-600G2		48 Terminator
100	16-1200 72-1200	48-750 48/60-1350 60/72-1000HD 60-1HD	

Trenchless Directional Drill, Track Mounted (127.02.11.07)

CLASSIFIER	MAKE AND MODEL		
Operating Wt. kg	Ditch Witch	Case	Vermeer
1,000	JT 520 JT 921 JT 1220 Mach I	6010	D7 X Series II D16 X 20A
7,000	JT 2020 Mach I JT 2720 Mach I	6030	D24 X 40A Series II D18 X 22 D36 X 50
12,000	JT 4020 Mach I JT 8020 Mach I		D75 X 100 D15 X 300

Hydraulic Rock Drill, Including Power Pack, Excluding Drill Steel and Bits (127.02.11.08)

CLASSIFIER	MAKE AND MODEL			
Diameter mm	Atlas-Copco	Ingersoll-Rand	Reeddrill	Tamrock
≤ 100	ROC 642 HP ROC D3 ROC D5	ECM-470		Commando 110 Commando 120 Commando 330 Ranger 500 Scout 500 Dino 560 CHA 560
> 100	ROC D7 ROC F9 ROC 18 ECM-580 ECM-590 ECM-660 II ECM-720 ROC D7 RRC ROC D7C-11 ROC F7 ROC L7	CM-692 CM-695D ECM-580 ECM-590 ECM-600 ECM-660 ECM-680 ECM-690	SD345 SD345C 5000	Ranger 600 Ranger 700 Ranger 800 Scout 600 Scout 700 CHA700

Note: Ingersoll-Rand line sold to Atlas-Copco.

Front Mounted Attachment, Hydraulic (127.02.12.01)

CLASSIFIER	MAKE AND MODEL		
Broom Width m	John Deere	M-b Companies	Sweepster
1.2		LB Series, 1.2 m HL Series, 1.5 m LB Series, 1.5 m SHL Series, 1.5 m	RLH (1.68 m)
1.8	BP 72, 1.8 m BA 72 BA 84 BP 84	HL Series, 1.8 m LB Series, 1.8 m LLB Series, 1.8 m SHL Series, 1.8 m HL Series, 2.1 m LLB Series, 2.1 m SHL Series, 2.1 m TK-H Series, 2.1 m	LCH, 1.8 m MCH, 1.8 m MH, 1.8 m RHFA, 1.8 m TMRH, 1.8 m 2500, 1.8 m AD LH, 1.8 m LCH, 1.8 m CH, 1.8 m AD, 2.1 m LH, 2.1 m
2.4		HL Series, 2.4 m LLB Series, 2.4 m TK-H Series, 2.4 m TK-H Series, 2.7 m TK-H Series, 3.0 m	AD, 2.4 m LA, 2.4 m LCH, 2.4 m LA, 2.7 m LCH, 2.7 m LA, 3.0 m LCH, 3.0 m

Self-Propelled, Dual Control (127.02.12.02)

CLASSIFIER	MAKE AND MODEL		
Sweeper Type	Allianz	Elgin	Johnston
Bottom Dump		Air Cub LX, 3.3 m ³ Crosswind, 6 m ³ Crosswind Fury, 6 m ³ Crosswind J, 6 m ³	
High Dump	3000 450 4000 MT-350	Air Bear FL52H, 4.2 m ³ Broom Bear, 3.4 m ³ Eagle, 3.5 m ³ Pelican, 2.7 m ³ Pelican P Waterless Road Wizard, 3.5 m ³	J3000, 4.3 m ³ J4000, 4.3 m ³
Vacuum	VT-650 VT-800	Whirlwind, 6.0 m ³ Geo Vac, 6.0 m ³	605, 6.0 m ³

Brush Chipper, Tow Type (127.02.13.01)

CLASSIFIER	MAKE AND MODEL		
Minimum Net Flywheel Power kW	Bandit	Morbark	Vermeer
19	65	2050 2060-D	BC600XL
60	90W 150 254	2012-D 2090-D 2070XL 13	
80	150 200+ 250 280 1890	2100-D 2400XL Storm 12	BC1000XL

Log Skidder, Cable/Grapple (127.02.13.02)

CLASSIFIER	MAKE AND MODEL					
Minimum Net Flywheel Power kW	Allied	Caterpillar	Franklin	John Deere	Tigercat	Timberjack
75	F65C	517		540G III		360DC 360DS
110		525B 525C		640G III 648G III (2003)		460D 460DC 460DS
120	H66DSC-II F68C	527	170S2 185S2 Q70 Q80	648G III (2007) 748G III 848G	604 610	560DD 560DS 660DC 660DD
150		535C 545C			625C 630C	

Generator, Gas or Diesel (127.02.14.01)

CLASSIFIER	MAKE AND MODEL			
Power kW	Caterpillar	Detroit Diesel Spectrum	Honda	Yamaha
0.5			EM2500CC EM3000CC EU1000iC EU2000iC EU3000iSCAO Et1800XK1C Et2500XK1C	EF1000 EF1000A EF1000iS EF1600 EF1600X EF2600A EF2600X EF2800i EF3000iSE
3			EB5000XK2C EM3500XK1C EM3800SXC EM5000XK1C EM5000SX2C EX50CC9 EZ3500XL1C EZ5000XL1C	EF4000DX EF4600A EF4600DE EF5200DEC
5	D8L1		EB6500XC EB11000C EM6500SXC EM6500SXKC ES6500K2CA EV6010 EX5500K2C	EDL6500S EF6600A EF6600DE EF6600DEC EF12000DEX
10	D12L1 D17L1 D20P1 D25P1 D30P3 D40P3	20DSEJB 30DSEJB 40DSEJB	EX12DCC9	
40	D50P3 D60P3 D75P3	50DSEJB 60DSEJB 80DSEJB 80DSJB		
80	D90P1 D100P1 D125P1 D150P1	100DSEJB D125DSEJB 125DSEJB 150DSEJ		
150	D200P4 3306 3406, 275 kW	180DSEJB 200DSEJB 230SEJB 275DSE		
300	3406, 320 kW 3406, 365 kW	350DSE 400DSE		
400	3412, 455 kW 3412, 545 kW	450DSE-4 500DS-4 600DS-4		
600	3412, 635 kW 3412, 725 kW	750DS-4 800DS-4 900DS-4		
910	3508B	1000DS-4		

127.03.15

PUMPING EQUIPMENT

Centrifugal, Dewatering, Including 6 m Suction and 7.5 m Discharge (127.02.15.01)

CLASSIFIER	MAKE AND MODEL					
Intake Size mm	Honda	Kodiak	Kosin America	Kubota	Multi-Quip	Wacker
25	WX10C1					
38	WB15CA1 WN15CX1					
50	WN20CX1 WP20XCX6 WT20XK2C	PWP2HX	SEV50X	KVP20 KVP20S	QP204H	PG2
75	WD30XK2C WN30CX1 WP30XCF6	PWP3HX	SERH-80X		QP303H	PG3
100		PWP4HX	SHE-100	KVP40	QP402H	

Centrifugal, Trash, Including 6 m Suction and 7.5 m Discharge (127.02.15.02)

CLASSIFIER	MAKE AND MODEL					
Intake Size mm	Gorman-Rupp	Honda	Kodiak	Kosin America	Multi-Quip	Wacker
38	11-1/2 A2-9					
50		WT20XK3C	PWP2SWT	KTH-50X	QP202TH	PT2A
75		WT30XK3C	PWP3SWT	KTH-75X	QP301TH	PT3A
100	14D-GX390	WT40XK1C	PWP4SWT	KTH-100	QP40TH	PTS4V
150	16A2-F3L				MQ61DD	PT6LT

Diaphragm, Including 6 m Suction and 7.5 m Discharge (127.02.15.03)

CLASSIFIER	MAKE AND MODEL		
Intake Size mm	Gorman-Rupp	Multi-Quip	Wacker
50	2D-X75	MQ206H	PDT2A
75	3D-13 3D-GX160	MQ306H	PDT3A
100	4D-E3		

Electric Submersible, Including 30 m Cable and 7.5 m Discharge, Excluding Generator (127.02.15.04)

CLASSIFIER	MAKE AND MODEL			
Intake Size mm	Grindex	Kosin America	Multi-Quip	Wacker
50	MINEX TUFF ONE	PB-65011 PB7-65011 PX-65011 PXL-65011	ST2005CUL2 ST2010CUL ST3020BCUL	ASP 400 PS2-400 PS2-500 PS2-750 PS2-1503 PS2-2203 STP 400 STP 750
75	MINOR H MASTER H MINETTE SALVADOR			PS3-1503 PS3-1500 PS3-2200 PS3-3703
100	MAJOR H MAXI H MIDI H MAJOR N MASTER N MINOR N SANDY SEMI SENATOR SENIOR			PS4-5503 PS4-75003HH PS4-1103HH
150	MATADOR H MASTER L MATADOR N MAXI N MIDI N			
200	MAXI L			

DC Arc Welder, Engine Driven, Including Rods (127.02.16.01)

CLASSIFIER	MAKE AND MODEL		
Current A	Lincoln	Miller	Multi-Quip
125	Power Arc 5500 Power Arc 5501-1 Weldan Power Weldan Power 125-1	CatPro 300	
150		Blue Star 145-1 Blue Star 6000 Bobcat 225 NT	
200	Ranger GXT Ranger 8, Honda Engine Ranger 8, Kohler Engine Ranger 8, Onan Engine Ranger 9 Ranger 250, Kohler Engine Ranger 250, Onan Engine	Bobcat 250 NT, Diesel Bobcat 250 NT, Gas Trailblazer 275	SDW225SS
300	Classic 300G Classic 300D Commander 300 Pipeliner 200G Ranger 305G SA-250 Vantage 300	Legend 301G Legend 302 Trailblazer 301G Trailblazer 301D Trailblazer Pro 350D	DLW300ES
400	SAE-400 Vantage 400	Big Blue 251D Big 40 Cat CC Big Blue 402 Big Blue 302 PipePro 304	DLW400ES