

## Cold Milling Machine

**BM 1000/30 BM 1200/30 BM 1300/30**



<b>BM 1000/30</b>						
Milling Depth (in)	1.6	3.2	4.7	6.3	9.4	12.6
Rate of advance (ft/min)	59 - 78	39 - 52	30 - 39	21 - 30	11 - 16	7 - 10
Theoretical Area Output (ft <sup>2</sup> /h)	11840 - 15610	7535 - 10760	5920 - 7535	4305 - 5920	2150 - 3230	1290 - 2150
Theoretical Milling Volume (yd <sup>3</sup> /h)	58 - 76	73 - 105	86 - 110	84 - 115	63 - 94	51 - 84

<b>BM 1200/30</b>						
Milling Depth (in)	1.6	3.2	4.7	6.3	9.4	12.6
Rate of advance (ft/min)	47 - 67	33 - 42	25 - 33	17 - 25	9 - 14	3 - 9
Theoretical Area Output (ft <sup>2</sup> /h)	11720 - 15610	7535 - 10530	5920 - 7535	4305 - 5920	2150 - 3230	900 - 2150
Theoretical Milling Volume (yd <sup>3</sup> /h)	56 - 76	73 - 102	86 - 110	84 - 115	63 - 94	51 - 84

<b>BM 1300/30</b>						
Milling Depth (in)	1.6	3.2	4.7	6.3	9.4	12.6
Rate of advance (ft/min)	43 - 62	30 - 39	23 - 30	16 - 23	8 - 13	7 - 10
Theoretical Area Output (ft <sup>2</sup> /h)	10760 - 15610	7535 - 10225	5920 - 7535	4305 - 5920	2150 - 3230	860 - 2150
Theoretical Milling Volume (yd <sup>3</sup> /h)	58 - 76	73 - 99	86 - 110	84 - 115	63 - 94	34 - 84

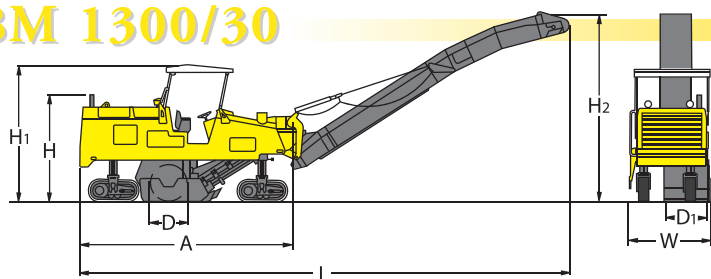
Note: The following factors influence performance on site: milling material type, transport efficiency, traffic hold-ups, road ironware such as manhole covers, hydrants, etc.

# Technical Specifications

## BM 1000/30 BM 1200/30 BM 1300/30

### Shipping dimensions in inches (mm) L x W x H

BM 1000/30	388x82x108 (9860 x 2100 x 2750)
BM 1200/30	388x82x108 (9860 x 2100 x 2750)
BM 1300/30	388x82x108 (9860 x 2100 x 2750)



### Standard Equipment

- Four-track steering: front or rear, front and rear crabwalk
- Two working speeds with automatic power regulator to optimize travel speed
- Hydraulically driven high pressure wash system
- Differential lock
- Automatic milling depth control
- "INTEL-PLANER" with two cable sensors and digital display
- Transverse inclination control with transverse inclination sensors
- Foldable discharge conveyor belt
- Display screen for showing speed, operating hours, diesel level, hydraulic oil temperature, engine oil pressure and temperature
- Pressure gauge for system pressures in the hydraulic system
- Operator console to control machine from the ground
- Lockable, vandal-proof and sound insulated engine hood
- Pressurized water spray with 2 spray pumps
- 8 removable headlights
- Adjustable water spraying system
- Lockable tool box inc. tool set for servicing and maintenance work
- Back-up alarm
- Flashing beacon

### Optional Equipment

- Hydraulically operated canopy with windscreens and lateral protection
- Hydraulically driven water pump for refilling
- Height sensor with electromechanical sensor
- Height sensor with ultrasound sensor for ground or cable sensing
- Electrical diesel pump for fuel refilling
- Milling machine 24 in/600 mm with 77 cutters

### Dimensions in inches (mm)

	A	D	D1	H	H1	H2	L	W
BM1000/30	213.2 (5415)	38.6 (980)	51.4 (1305)	108.3 (2750)	137.4 (3490)	190.2 (4830)	491.9 (12495)	82 (2075)
BM1200/30	213.2 (5415)	38.6 (980)	51.4 (1305)	108.3 (2750)	137.4 (3490)	190.2 (4830)	491.9 (12495)	82 (2075)
BM1300/30	213.2 (5415)	38.6 (980)	51.4 (1305)	108.3 (2750)	137.4 (3490)	190.2 (4830)	491.9 (12495)	82 (2075)

### Technical data

	BM1000/30	BM1200/30	BM1300/30
<b>Rotary grinder</b>			
Milling width . . . . . inches (mm)	39.4 (1000)	47.2 (1200)	51.2 (1300)
Milling depth . . . . . inches (mm)	0-12.6 (0-320)	0-12.6 (0-320)	0-12.6 (0-320)
Milling line distance . . . . . inches (mm)	.6 (15)	.6 (15)	.6 (15)
Diameter across cutting lip . . . . . inches (mm)	38.6 (980)	38.6 (980)	38.6 (980)
Number of milling cutters. . . . .	104	116	124
Output per cutter . . . . . Hp (kW)	2.64 (1.97)	2.37 (1.77)	2.22 (1.65)
Speed . . . . . rpm	122	122	122

### Engine

	BM1000/30	BM1200/30	BM1300/30
Manufacturer / Type . . . . .	CAT C7	CAT C7	CAT C7
Output J1349 . . . . . Hp (kW)	275 (205)	275 (205)	275 (205)
Speed . . . . . rpm	2,200	2,200	2,200
Cylinder number . . . . .	6	6	6
Piston capacity . . . . . in <sup>3</sup>	439	439	439
Cooling . . . . .	liquid-cooled	liquid-cooled	liquid-cooled

### Weights

	BM1000/30	BM1200/30	BM1300/30
Basic weight . . . . . lbs (kg)	37545 (17030)	38227 (17339)	38427 (17430)
Operating weight . . . . . lbs (kg)	39242 (17800)	39924 (18109)	40124 (18200)
Operating weight w/ full fuel tank . lbs (kg)	40940 (18570)	41622 (18879)	41822 (18970)

### Drive features

	BM1000/30	BM1200/30	BM1300/30
Working speed . . . . . fpm (m/min)	0-92 (0-28)	0-92 (0-28)	0-92 (0-28)
Transport speed . . . . . mph (kmph)	0-3.9 (0-6.2)	0-3.9 (0-6.2)	0-3.9 (0-6.2)
Theoretical gradeability . . . . . %	91	91	91
Inside turning radius . . . . . ft (m)	9 (2.80)	9 (2.80)	9 (2.80)
Track systems LxWxH . . . . . inches (mm)	28x10x22 (720 x 260 x 565)	28x10x22 (720 x 260 x 565)	28x10x22 (720 x 260 x 565)

### Filling capacities

	BM1000/30	BM1200/30	BM1300/30
Diesel . . . . . gal (l)	132 (500)	132 (500)	132 (500)
Hydraulic oil . . . . . gal (l)	33 (125)	33 (125)	33 (125)
Water . . . . . gal (l)	264 (1000)	264 (1000)	264 (1000)

### Electrical system

	BM1000/30	BM1200/30	BM1300/30
Voltage . . . . . V	24	24	24
Battery capacity . . . . . Ah	2 x 130	2 x 130	2 x 130
Generator . . . . . A	55	55	55

### Conveyor Belts

	BM1000/30	BM1200/30	BM1300/30
Feeding conveyor belt w x l . . . . . inches (mm)	24x83 (600 x 2100)	24x83 (600 x 2100)	24x83 (600 x 2100)
Discharge conveyor belt w x l . . . . . inches (mm)	24x291 (600 x 7380)	24x291 (600 x 7380)	24x291 (600 x 7380)

We reserve the right to make technical changes. Machines may be illustrated with optional accessories.



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