

## Cold Milling Machine

### BM 2000/50 BM 2000/60



BM 2000/50						
Milling Depth (in)	1.6	3.2	4.7	6.3	9.4	12.6
Rate of advance (ft/min)	52 - 85	33 - 46	21 - 30	15 - 21	7 - 11	3 - 10
Theoretical Area Output (ft <sup>2</sup> /h)	20450 - 33580	12920 - 18080	8395 - 11625	5810 - 8395	2580 - 4520	1290 - 3875
Theoretical Milling Volume (yd <sup>3</sup> /h)	99 - 164	126 - 177	123 - 170	112 - 164	76 - 131	50 - 150

BM 2000/60						
Milling Depth (in)	1.6	3.2	4.7	6.3	9.4	12.6
Rate of advance (ft/min)	54 - 92	36 - 52	25 - 36	16 - 25	8 - 13	5 - 11
Theoretical Area Output (ft <sup>2</sup> /h)	21310 - 36170	14210 - 20670	9690 - 14210	6460 - 9690	3230 - 5170	1940 - 4520
Theoretical Milling Volume (yd <sup>3</sup> /h)	104 - 177	137 - 201	141 - 207	126 - 188	94 - 150	76 - 177

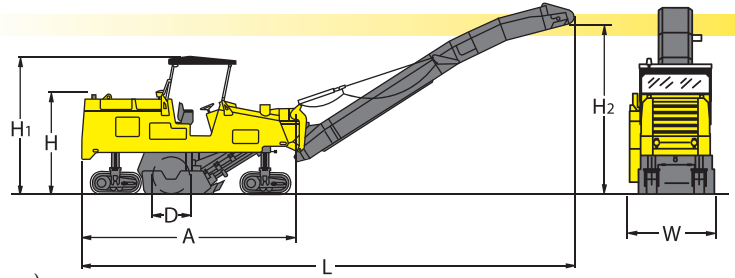
Note: The following factors influence performance on site: milling material type, transport efficiency, traffic hold-ups, road ironware such as manhole covers, hydrants, etc.

# Technical Specifications

## BM 2000/50 BM 2000/60

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

BM 2000/50 457x98x118 (11600 x 2500 x 3000)  
 BM 2000/60 472x98x117 (12000 x 2500 x 2960)



### Dimensions in inches (mm)

	A	D	H	H1	H2	L	W
BM2000/50	286.4 (7275)	42.1 (1070)	118.1 (3000)	157.1 (3990)	176.6 (4485)	572.8 (14550)	98 (2500)
BM2000/60	286.4 (7275)	42.1 (1070)	116.5 (2960)	157.1 (3990)	176.6 (4485)	586.6 (14900)	98 (2500)

### Technical data

**BM2000/50** **BM2000/60**

#### Rotary grinder

Milling width .....	inches (mm)	78.7 (2000)	78.7 (2000)
Milling depth .....	inches (mm)	0-12.6 (0-320)	0-12.6 (0-320)
Milling line distance .....	inches (mm)	.6 (15)	.6 (15)
Diameter across cutting lip .....	inches (mm)	42.1 (1070)	42.1 (1070)
Number of milling cutters.....		168	168
Output per cutter .....	Hp (kW)	2.8 (2.1)	3.5 (2.62)
Speed .....	rpm	108	108

#### Engine

Manufacturer / Type .....		Deutz/TCD2015	Deutz/TCD2015
Output J1349 .....	Hp (kW)	469 (350)	590 (440)
Speed .....	rpm	1900	1900
Cylinder number .....		8	8
Piston capacity .....	in <sup>3</sup>	976	976
Cooling .....		liquid-cooled	liquid-cooled

#### Weights

Operating weight.....	lbs (kg)	61509 (27900)	66800 (30300)
Basic weight .....	lbs (kg)	57761 (26200)	61950 (28100)
Operating weight with full fuel tank ....	lbs (kg)	65257 (29600)	71650 (32500)

#### Drive features

Working speed .....	fpm (m/min)	0-112 (0-34)	0-98 (0-30)
Transport speed .....	mph (kmph)	0-3.9 (0-5.3)	0-3 (0-5)
Theoretical gradeability .....	%	90	100
Inside turning radius .....	ft (m)	15 (4.5)	7 (2.1)
Track systems LxWxH .....	inches (mm)	63x10x23 (1620x260x600)	66x11x25 (1700x300x640)

#### Filling capacities

Diesel .....	gal (l)	211 (800)	317 (1200)
Hydraulic oil.....	gal (l)	61 (230)	61 (230)
Water .....	gal (l)	713 (2700)	872 (3300)

#### Electrical system

Voltage .....	V	24	24
Battery capacity .....	Ah	2 x 155	2 x 155
Generator .....	A	80	80

#### Conveyor Belts

Feeding conveyor belt w x l .....	inches (mm)	31x87 (800 x 2400)	31x87 (800 x 2400)
Discharge conveyor belt w x l .....	inches (mm)	31x299 (800 x 7600)	31x299 (800 x 7600)

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

### Standard Equipment

- Four-track steering: front or rear, front and rear crabwalk
- Two working speeds with automatic power regulator to optimize travel speed
- Differential lock
- Automatic milling depth control "INTEL-PLANER" with two cable sensors and digital display
- Transverse inclination control with transverse inclination sensors
- Hydraulically powered 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
- 10 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
- Hydraulically driven high pressure wash system
- Height sensor with electromechanical sensor
- Height sensor with ultrasound sensor for ground or cable sensing
- Electrical diesel pump for fuel refilling
- Milling machine 24in/600mm with 77cutters