MONTANA
Department of Transportation

MDT-BRG-015 0 /

Mont n D p rtm nt o Tr nsport tion
Bri g Bur u
Approv Constru tion Equipm nt List

Make:	*Bomag*
Model:	*BM 00 0-*
Equipment Type:	*Cold Planer*
Contractor Modifications:	*one*

I terstate A r va C d t s

Approval Type	*Crossing Only*
Speed:	*No Restriction*
Weight:	*73,854 lb or less*
Traffic:	*Approved with Regular Traffic*
Location Restrictions:	*No Restriction*

N -I terstate A r va C d t s

Approval Type	*Denied*
Speed:	*Denied*
Weight:	*Denied*
Traffic:	*Denied*
Location Restrictions:	*Denied*

Comments:

Equipment configuration, weig ts, and specifications on following pages. Approval does not apply to posted bridges. Ot er construction equipment is not allowed to operate on or cross bridge at t e same time t is equipment is on t e bridge. Equipment must be empty w ile crossing.

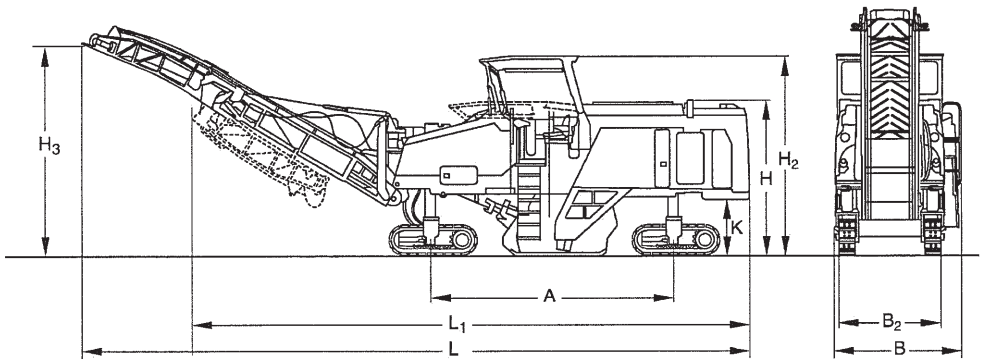
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TECHNICAL DATA

COLD PLANER

BM 2000/60-2, BM 2200/60-2





Dimensions in mm

	A	B	B_2	H	H_2	H_3	K	L	L_1
BM 2000/60-2	4720	2500	1870	2960	3990	4500	1120	14900	12000
BM 2200/60-2	4720	2800	1870	2960	3990	4500	1120	14900	12000

BM 2000/60-2

Milling depth (cm) calculated for asphalt of average hardness	4	8	12	16	24	32
Rate of advance V (m/min)	16,5 - 28	11 - 16	7,5 - 11	5 - 7,5	2,5 - 4	1,5 - 3,5
Area output Ft (m^2/h) (Theoretical)	1980 - 3360	1320 - 1920	900 - 1320	600 - 900	300 - 480	180 - 420
Milling volume Qt (m^3/h) (Theoretical)	80 - 135	105 - 154	108 - 158	96 - 144	72 - 115	58 - 135

The following factors greatly influence performance when the equipment is employed practically: Different milling material, waiting for lorries, traffic hold-ups, road installations such as manhole covers, hydrants, etc.

Technical Data		BOMAG BM 2000/60-2	BOMAG BM 2200/60-2
Milling Drum			
Milling width	mm	2.000	2.200
Milling depth	mm	0 – 320	0 – 320
Milling line distance	mm	15	15
Cutting circle diameter	mm	1.070	1.070
Number of cutting teeth		168	168
Output per cutting tooth	kW	2,62	2,62
Milling Drum Speed	min^{-1}	108	108
Drive			
Engine Manufacturer		Deutz	Deutz
Type		TCD 2015	TCD 2015
Cooling		Liquid cooled	Liquid cooled
No. of cylinders / Displacement	cm^3	8 / 6.000	8 / 6.000
Power	kW / PS	440 / 600	440 / 600
Engine Speed	U/min	1.900	1.900
Fuel		Diesel	Diesel
Electric Equipment	V	24	24
Weights			
Max. Operating weight	kg	32.500	33.500
Operating weight CE	kg	30.300	31.300
Basic weight	kg	28.100	29.100
Driving Characteristics			
Track radius, inner	mm	2.100	2.100
Speed	km/h	5,0	5,0
Working speed, max.	m/min	0 – 40	0 – 40
Chassis			
Type of chassis		Chain	Chain
Width	mm	300	300
Height	mm	640	640
Length	mm	1.700	1.700
Capacities			
Fuel	l	1.200	1.200
Water	l	3.500	3.500
Hydraulic	l	230	230
Loading-system			
Width of gathering belt	mm	800	800
Length of gathering belt	mm	2.400	2.400
Width of loader conveyor belt	mm	800	800
Length of loader conveyor belt	mm	7.600	7.600
Dimensions			
Transport dimensions, belt lowered, length	mm	14.900	14.900
Transport dimensions, belt lowered, width	mm	2.500	2.800
Transport dimensions, belt lowered, height	mm	2.960	2.960
Transport dimensions, belt folded, length	mm	12.000	12.000

Technical modifications reserved. Machines may be shown with options.

Standard

- ☑ Four-track steering front or/and rear, crabwalk
- ☑ Automatic max. load control
- ☑ Differential lock
- ☑ Automatic milling depth control
- ☑ INTELPLANER
- ☑ 2 INTELPLANER Displays
- ☑ Slope control with slope sensor
- ☑ Hydraulically foldable conveyor belt
- ☑ Display of RPM
- ☑ Display of engine oil pressure and temperature
- ☑ Display of operating hours
- ☑ Display of diesel level
- ☑ Display of hydraulic oil temperature
- ☑ Display of hyd. system pressures
- ☑ Ground control panels
- ☑ Sound insulated engine hood
- ☑ 10 removable headlights
- ☑ Adjustable water spraying system
- ☑ Tool box for servicing and maintenance
- ☑ Back-up warning signal
- ☑ Rotary beacon

Optional

- ☐ Hydraulically foldable canopy
- ☐ Canopy with windscreens
- ☐ Hydraulically pump for water re-filling
- ☐ High pressure cleaner
- ☐ Levelling with electromechanical sensor
- ☐ Levelling with ultrasound sensor
- ☐ Electrical diesel pump for fuelrefilling
- ☐ Compressed air system

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