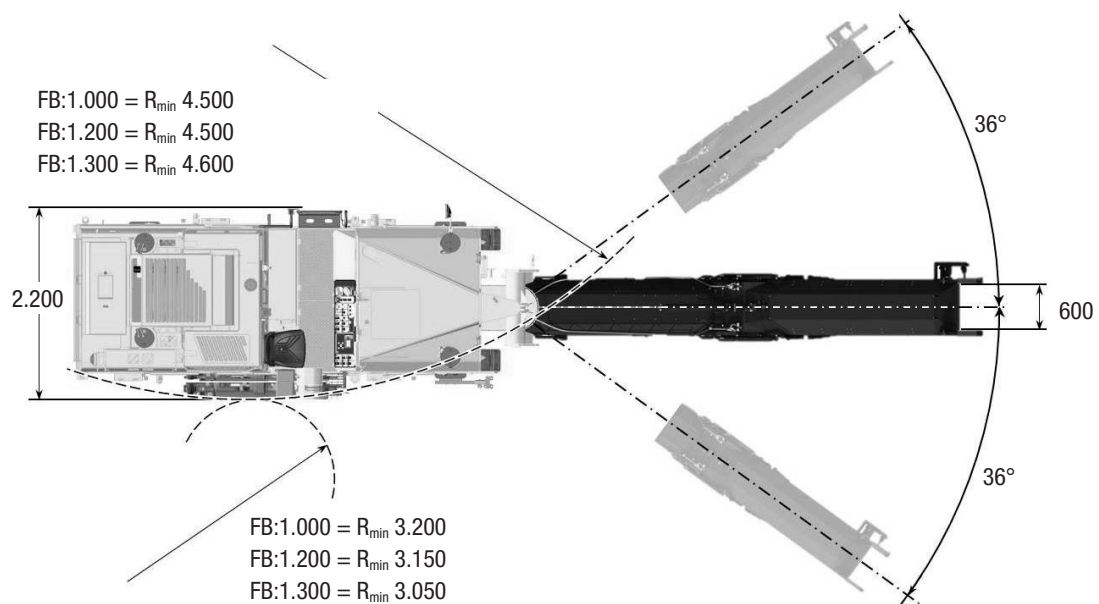
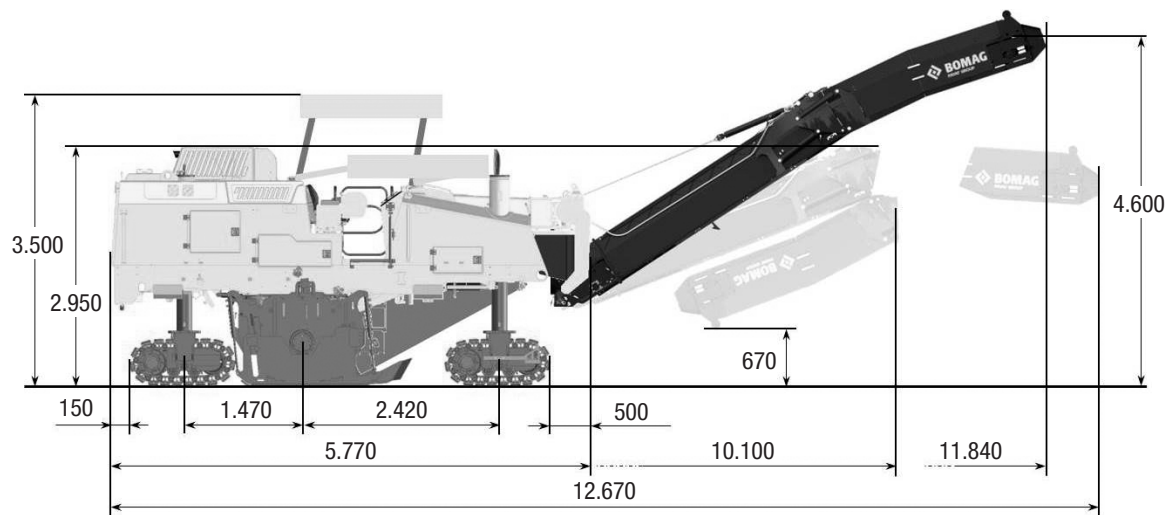


TECHNICAL DATA

COLD PLANER

BM 1000/30, BM 1200/30, BM 1300/30





BM 1000/30

calculated for asphalt of average hardness	4	8	12	16	24	32
Rate of advance V (m/min)	18 - 24	12 - 16	9 - 12	6,5 - 9	3,5 - 5	2 - 3
Area output Ft (m²/h) (Theoretical)	1100 - 1450	700 - 1000	550 - 700	400 - 550	200 - 300	120 - 200
Milling volume Qt (m³/h) (Theoretical)	44 - 58	56 - 80	66 - 84	64 - 88	48 - 72	39 - 64

BM 1200/30

calculated for asphalt of average hardness	4	8	12	16	24	32
Rate of advance V (m/min)	15 - 20	10 - 13	7 - 10	5,5 - 7,5	2,5 - 4,5	1,5 - 3
Area output Ft (m²/h) (Theoretical)	1080 - 1440	720 - 936	504 - 720	396 - 540	180 - 324	108 - 216
Milling volume Qt (m³/h) (Theoretical)	43 - 57	57 - 75	60 - 86	63 - 86	43 - 77	34 - 69

BM 1300/30

calculated for asphalt of average hardness	4	8	12	16	24	32
Rate of advance V (m/min)	13 - 19	9 - 12	7 - 9	5 - 7	2,5 - 4	1 - 2,5
Area output Ft (m²/h) (Theoretical)	1000 - 1450	700 - 950	550 - 700	400 - 550	200 - 300	80 - 200
Milling volume Qt (m³/h) (Theoretical)	42 - 58	56 - 76	66 - 84	64 - 88	48 - 72	26 - 64

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

Milling Drum

	BOMAG BM 1000/30	BOMAG BM 1200/30	BOMAG BM 1300/30
Milling width max	1.000	1.200	1.300
Milling depth	0 – 320	0 – 320	0 – 320
Milling line space	15	15	15
Cutting diameter	980	980	980
No. of Tools	99	115	121
Milling Drum Speed	111	111	111

Drive

Engine Manufacturer	CAT	CAT	CAT
Type	C7.1 ACERT	C7.1 ACERT	C7.1 ACERT
Emission standards	4/4 final	4/4 final	4/4 final
Cooling	Liquid cooled	Liquid cooled	Liquid cooled
No. of cylinders / Displacement	6 / 7.000	6 / 7.000	6 / 7.000
Power	205 / 280	205 / 280	205 / 280
Engine Speed	2.200	2.200	2.200
Peak Torque	1.257	1.257	1.257
Consumption at rated Power	212 / 231	212 / 231	212 / 231
Consumption at Job-mix	26	26	26
Generator	24	24	24
Battery	2 x 12 / 132	2 x 12 / 132	2 x 12 / 132

Driving Characteristics

Transport-speed	0 – 6	0 – 6	0 – 6
Operating-speed	0 – 28	0 – 28	0 – 28
Crawler size L x W x H	1.275 x 268 x 570	1.275 x 268 x 570	1.275 x 268 x 570

Capacities

Fuel	450	450	450
AdBlue	40	40	40
Water	1.250	1.250	1.250
Hydraulic	130	130	130

Loading-system

Conveyor width, inside / outside	600 / 600	600 / 600	600 / 600
Theoretical capacity	170	170	170
Discharge height	4.600	4.600	4.600

Weights

Max. Operating weight (incl. Options)	21.050	21.350	21.500
Operating weight CE	19.700	20.000	20.150
Basic weight	18.870	19.170	19.320

Additional weights for Options

Weather protection roof	150	150	150
Fine-milling-drum LA8	300	300	300

Technical modifications reserved. Machines may be shown with options.

Standard

Milling technology

- ☒ Milling Drum LA15
- ☒ BOMAG BMS 15 exchangeable toolholder
- ☒ Proportional adjustable water injection
- ☒ Levelling, 2 sides + slope
- ☒ Hydraulically operated side-plates
- ☒ Hydraulically operated front mouldboard
- ☒ Rear mouldboard with adjustable pre-load-pressure
- ☒ Automatic load-control
- ☒ Automatic distribution of traction
- ☒ Hydraulically foldable Conveyor

Drive Systems

- ☒ 4-Crawlers
- ☒ 4 crawler steerable, front or/and rear
- ☒ Crabwalk
- ☒ Automatic distribution of traction
- ☒ Variable transport speed
- ☒ Variable operating speed
- ☒ Mechanical Drum-drive

Operation comfort

- ☒ Comfort-workstation for sitting operation
- ☒ Ergonomic side-shifting of operator seat
- ☒ Self-explanatory, well-arranged dashboards
- ☒ Ground control panels
- ☒ Service- and maintenance-points ergonomic concentrated

Safety & environmental protection

- ☒ Liquid cooled engine following latest emission rules
- ☒ SCR-Cat with Add-blue
- ☒ Whisper-package for noise elimination
- ☒ Variable placeable working-lights
- ☒ Rotary-beacon
- ☒ Mirrors

- ☒ CE-conform safety-package with emergency-stop-switches
- ☒ Back-up-alarm
- ☒ Vandalism protection

Optional

Basic machine

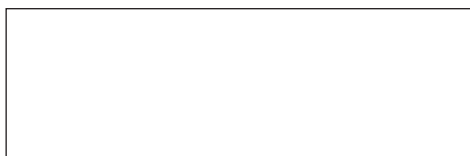
- ☐ Weather protection roof
- ☐ Water filling pump
- ☐ High pressure cleaner
- ☐ compressed air system
- ☐ Road lights
- ☐ Special colour
- ☐ Biodegradable hydraulic oil

Milling technology

- ☐ Milling-Drum 1000, BMS15, LA15
- ☐ Milling-Drum 1200, BMS15, LA15
- ☐ Milling-Drum 1300, BMS15, LA15
- ☐ Fine-Milling-Drum 1000, BMS15, LA8
- ☐ Fine-Milling-Drum 1200, BMS15, LA8
- ☐ Fine-Milling-Drum 1300, BMS15, LA8
- ☐ POWER DRUM 1000, BMS15, LA22
- ☐ POWER DRUM 1200, BMS15, LA22
- ☐ POWER DRUM 1300, BMS15, LA22

Levelling Systems and electronic support

- ☐ BOMAG TELEMATIC



PRE 836 52 010

110316 Sa

BOMAG
Hellerwald
D-56154 Boppard
Postfach 5162
D-56149 Boppard
Tel. (0)6742 - 1000
Fax (0)6742 - 3090

