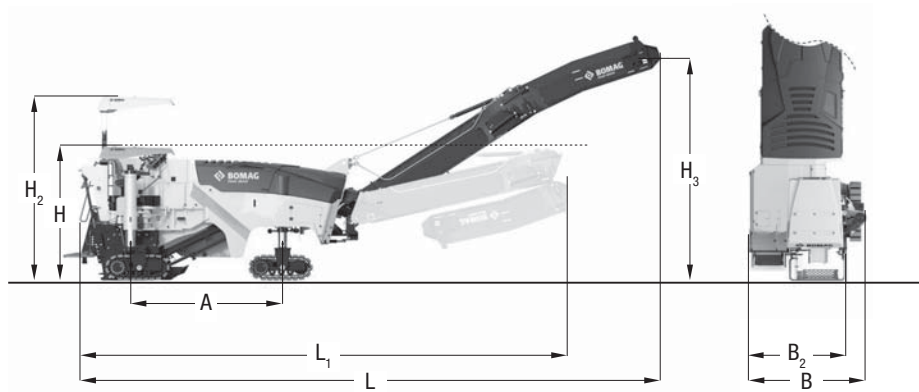


TECHNICAL DATA

COLD PLANER (TIER 4)

BM 1000/35, BM 1200/35, BM 1300/35





Dimensions in in

	A	B	B₂	H	H₂	H₃	L	L₁
BM 1000/35	132.8	100	80.9	118.1	161.4	224.4	538.7	432.4
BM 1200/35	132.8	100	80.9	118.1	161.4	224.4	538.7	432.4
BM 1300/35	132.8	100	80.9	118.1	161.4	224.4	538.7	432.4

Technical Data

Milling Drum

Milling width max. in	39.4	47.2	51.2
Milling depth in	0 – 13	0 – 13	0 – 13
Milling line space in	0.6	0.6	0.6
Cutting diameter in	38.6	38.6	38.6
No. of Tools	99	115	121
Milling Drum Speed min ⁻¹	variable, 85, 95, 107	variable, 85, 95, 107	variable, 85, 95, 107

Drive

Engine Manufacturer	MTU (Mercedes)	MTU (Mercedes)	MTU (Mercedes)
Type	Serie 1000 6R	Serie 1000 6R	Serie 1000 6R
Emission standards	4/4 final	4/4 final	4/4 final
Cooling	Liquid cooled	Liquid cooled	Liquid cooled
No. of cylinders / Displacement in ³	6 / 470	6 / 470	6 / 470
Power kW / hp	260 / 350	260 / 350	260 / 350
Engine Speed U/min	2,200	2,200	2,200
Peak Torque Nm	1,400	1,400	1,400
Consumption at rated Power g/kWh	210	210	210
Consumption at Job-mix gal/h	6.9	6.9	6.9
Generator V / A	28 / 150	28 / 150	28 / 150
Battery V / Ah	2 x 12 / 155	2 x 12 / 155	2 x 12 / 155

Driving Characteristics

Transport-speed mph	0 – 4.7	0 – 4.7	0 – 4.7
Operating-speed mph	0 – 1.9	0 – 1.9	0 – 1.9
Crawler size L x W x H in	56.1 x 10.6 x 22.4	56.1 x 10.6 x 22.4	56.1 x 10.6 x 22.4

Capacities

Fuel gal	158.5	158.5	158.5
Water gal	383	383	383
Hydraulic gal	39.6	39.6	39.6

Loading-system

Conveyor width, inside / outside in	171.7 / 158.5	171.7 / 158.5	171.7 / 158.5
Theoretical capacity yd ³ /h	235.4	235.4	235.4
Discharge height in	224.4	224.4	224.4

Weights

Max. Operating weight (incl. Options) t	25.5	26.5	26.7
Operating weight CE t	22.6	23.6	23.8
Basic weight t	21.5	22.5	22.7

Additional weights for Options

Weather protection roof lb	396.8	396.8	396.8
Dust reduction lb	308.6	308.6	308.6
Splitted Scraper lb	440.9	440.9	440.9
Quick Drum exchange system lb	220.5	220.5	220.5
Fine-milling-drum LA8 lb	661.4	661.4	661.4
Ballast 1, frame lb	1,102.3	1,102.3	1,102.3
Ballast 2, milling compartment lb	881.8	881.8	881.8

Technical modifications reserved. Machines may be shown with options.

Standard

Milling technology

- Milling Drum LA15
- BOMAG BMS 15 exchangeable toolholder
- 3 Milling-Drum-speeds
- Proportional adjustable water injection
- Automatic water saving device
- Water filling pump
- Wear-free, digital Milling depth display
- Proportional Milling depth adjustment
- Two proportional speeds for Milling-depth-adjustment
- Hydraulically operated side-plates
- Hydraulically operated front mouldboard
- Rear mouldboard with adjustable pre-load-pressure
- Right side-plate for fast Drum-exchange
- Automatic load-control
- Automatic distribution of traction
- Hydraulically foldable Conveyor

Drive Systems

- 4-Crawlers
- Rear right crawler steerable
- Variable transport speed
- Variable operating speed
- Mechanical Drum-drive

Operation comfort

- Fully vibration-isolated operator-platform
- Comfort-workstation for sitting operation
- Ergonomic adjustable operator seat, 45° to slew
- Ergonomic adjustable steering wheel / column
- Height- adjustable arm-rest with integrated ergonomic operation panel
- Self-explanatory, well-arranged dashboard
- Large storage at ground level
- Service- and maintenance-points ergonomic concentrated

Safety & environmental protection

- Whisper-package for noise elimination
- Liquid cooled engine following latest emission rules

- Variable placeable working-lights
- Rotary-beacon
- Mirror
- CE-conform safety-package with emergency-stop-switches
- Back-up-alarm
- Vandalism protection

Optional

Basic machine

- Weather protection roof
- High pressure cleaner
- Dust reduction system
- Auxiliary Drum Drive for easy tool exchange
- Road lights
- Additional working-light, plug in
- Additional working-light, magnet base
- Ballast weights
- Seat heating
- Special colour
- Biodegradable hydraulic oil
- Hydraulically portable conveyor, short
- Quick-exchange drum-system

Milling technology

- Milling-Drum 600 LA15
- Milling-Drum 900 LA15
- Milling-Drum 1000 LA15
- Milling-Drum 1200 LA15
- Milling-Drum 1300 LA15
- Fine-Milling-Drum 1000 LA8
- Fine-Milling-Drum 1200 LA8
- Fine-Milling-Drum 1300 LA8
- POWER DRUM 1000 LA22
- POWER DRUM 1200 LA22
- POWER DRUM 1300 LA22
- Splitted Scraper
- Additional Milling Drum Bearing

Levelling Systems and electronic support

- Levelling, 2 sides + slope
- Camera
- BOMAG TELEMATIC



PRUS 883 06 010

190916 Sa

BOMAG Americas, Inc.
125 Blue Granite Parkway
Ridgeway, SC 29130
USA
Tel. +1 803 3370700
Fax +1 803 3370800
www.bomag.com/us

