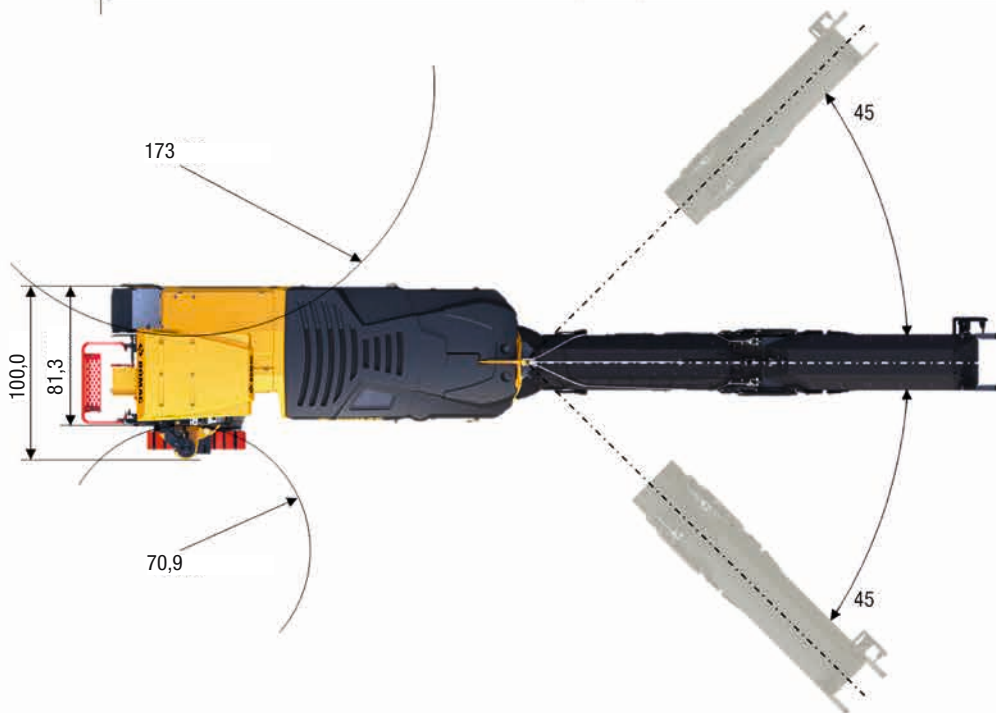
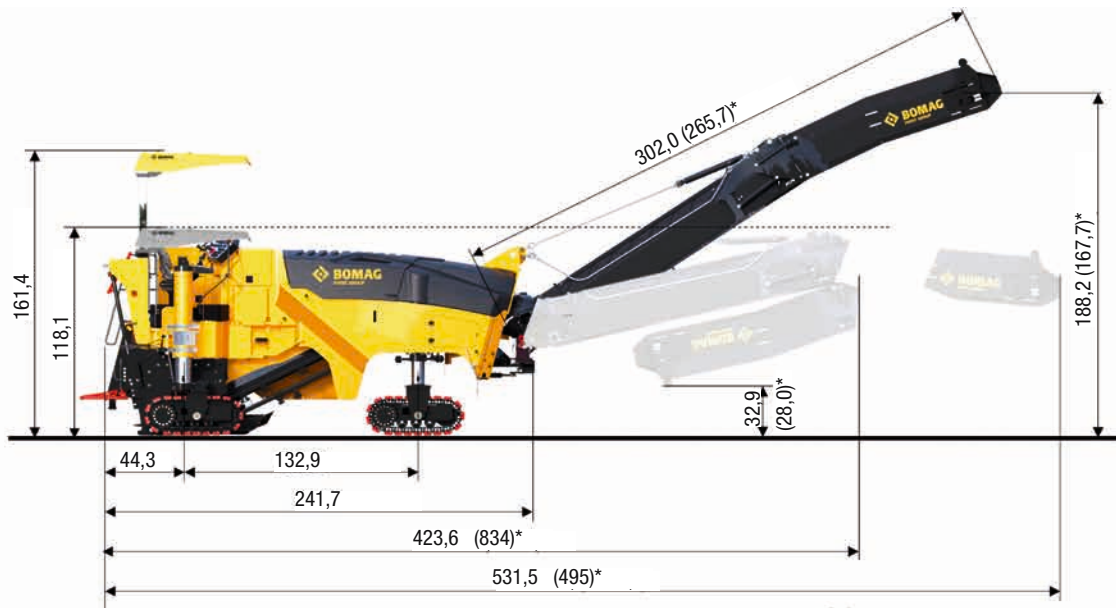


TECHNICAL DATA

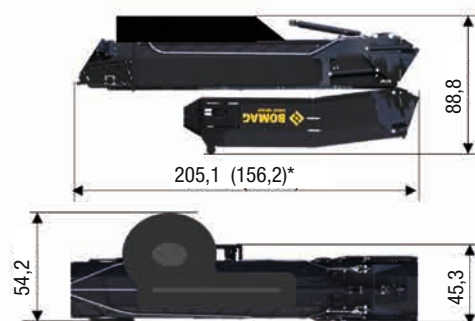
COLD PLANNER (Stage V / TIER 4f)

BM 1000/35-2, BM 1200/35-2, BM 1300/35-2





BM 1200 & BM 1300



* F022

Technical data	BOMAG BM 1000/35-2	BOMAG BM 1200/35-2	BOMAG BM 1300/35-2
Milling drum			
Milling width max	inch	39,4	47,2
Milling depth	inch	0–13,0	0–13,0
Milling line distance	inch	0,6	0,6
Cutting diameter	inch	38,6	38,6
Number of cutting tools		99	115
Milling speed	min ⁻¹	variable, 85,	variable, 85,
	min ⁻¹	95 and 107	95 and 107
Drive			
Engine manufacturer	MTU (Mercedes)	MTU (Mercedes)	MTU (Mercedes)
Type	Series 1000 6R	Series 1000 6R	Series 1000 6R
Exhaust classification	STAGE V / TIER 4f	STAGE V / TIER 4f	STAGE V / TIER 4f
Cooling system	Fluid	Fluid	Fluid
Number of cylinders/displacement	cm ³	6/7,700	6/7,700
Power	kW / HP	260/350	260/350
Rated speed	rpm	2200	2200
Max. torque	lbf-ft	1032.6	1032.6
Fuel consumption at nominal power	g/kWh	210	210
Fuel consumption with the construction mix	Gal/h	6,9	6,9
Generator	V/A	28/150	28/150
Battery	V/Ah	2 x 12 / 155	2 x 12 / 155
Travel characteristics			
Travel speed	mph	0–4,7	0–4,7
Working speed	ft/min	0–15,2	0–15,2
Track chains, L x W x H	inch	56 x 10,6 x 22,4	56 x 10,6 x 22,4
Filling capacities			
Fuel	Gal	158,5	158,5
Water	Gal	370	370
Hydraulic system	Gal	47,6	47,6
AdBlue	Gal	10,6	10,6
Loading system			
Width of conveyor belt, inner/outer	inch	25,6/23,6	25,6/23,6
Theoretic loading capacity	yd ³ /h	235	235
Discharge height	inch	188	188
Machine weights			
Max. operating weight (incl. options)	lb	53,760	56,000
Operating weight CECE	lb	45,696	47,936
Basic weight	lb	43,456	45,696
Extra weights options			
Weather protection roof	lb	452	452
Dust extraction	lb	309	309
Scraper, split	lb	441	441
Quick-change milling drum	lb	243	243
Fine milling drum LA8	lb	661	661
Ballast 1, frame	lb	2535	2271
Ballast 2, milling box	lb	970	970

Technical modifications reserved. Machines may be shown with options. The actual machine weight depends on the respective configuration.

Standard equipment

Milling technology

- ☒ Milling drum LA15
- ☒ BOMAG BMS 15 exchange holder system
- ☒ 3 Milling drum speeds
- ☒ Proportionally adjustable water quantity
- ☒ Automatic water saving detection
- ☒ Water filling pump
- ☒ Wear-free, digital milling depth indicator
- ☒ Proportional milling depth adjustment
- ☒ Two proportional height adjustment speed ranges
- ☒ Hydraulically operated side plates
- ☒ Hydraulically operated hold-down
- ☒ Scraper with adjustable scraper pressure
- ☒ Right-hand side plate for quick milling drum changes
- ☒ Automatic power limit control
- ☒ Automatic traction control
- ☒ Hydraulically foldable discharge belt

Drives

- ☒ Track chain drive with 4 chains
- ☒ Swivel mechanism: Full automatic swivelling of the rear right chain with 5,000 hrs./ 60 M warranty
- ☒ Steered rear right chain
- ☒ Infinitely variable transport speed range
- ☒ Infinitely variable milling speed
- ☒ Mechanical milling drive

Ease of operation

- ☒ Fully vibration-isolated driver's stand
- ☒ Comfortable work area for operation from a seated position
- ☒ Ergonomic comfort seat, which can be rotated 45° in two directions
- ☒ Ergonomically adjustable steering column
- ☒ Height-adjustable arm rest with an integrated control unit
- ☒ Self-explanatory and clearly arranged control panel
- ☒ Spacious storage compartments at ground level
- ☒ High performance 3-way water pump
- ☒ Group placement of service and maintenance points
- ☒ Secure and conveniently accessible service and maintenance points

Safety & environmental protection

- ☒ Package for noise elimination to a whisper-quiet level
- ☒ Water-cooled engine of the latest

Exhaust classification

- ☒ Variably positionable optional head lights
- ☒ Flashing beacon
- ☒ Rear-view mirror
- ☒ Backup protection
- ☒ Vandal-proof covers for the control units

Optional equipment

Basic machine

- ☐ Weather protection roof
- ☐ High pressure cleaner
- ☐ Dust extraction
- ☐ ION DUST SHIELD
- ☐ Auxiliary drive for tool change
- ☐ StvZO lighting
- ☐ Optional head lights, attachable
- ☐ Optional head lights, magnetic base
- ☐ Ballasting
- ☐ Seat heating
- ☐ Special paintwork
- ☐ Biodegradable hydraulic oil
- ☐ Hydraulically folding discharge belt, short
- ☐ Maintenance seat
- ☐ Access ladder
- ☐ Storage package
- ☐ Holder package for shovel, spray can, etc.

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
- ☐ Fine milling drum 1000 LA6x2
- ☐ POWER DRUM 1000 LA22
- ☐ POWER DRUM 1200 LA22
- ☐ POWER DRUM 1300 LA22
- ☐ Split scraper
- ☐ Counter bearing for SW milling drum

Levelling systems and electronic aids

- ☐ BOMAG Easy Level; levelling, 2 sides + cross slope
- ☐ Mechanical height indicator on the rear lifting columns
- ☐ Camera surveillance
- ☐ BOMAG TELEMATIC

