

Cold Planer Milling Machine



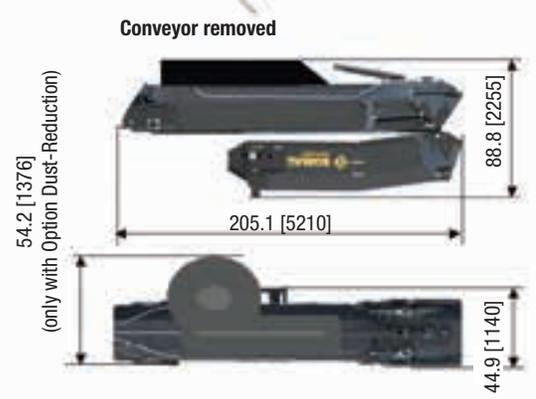
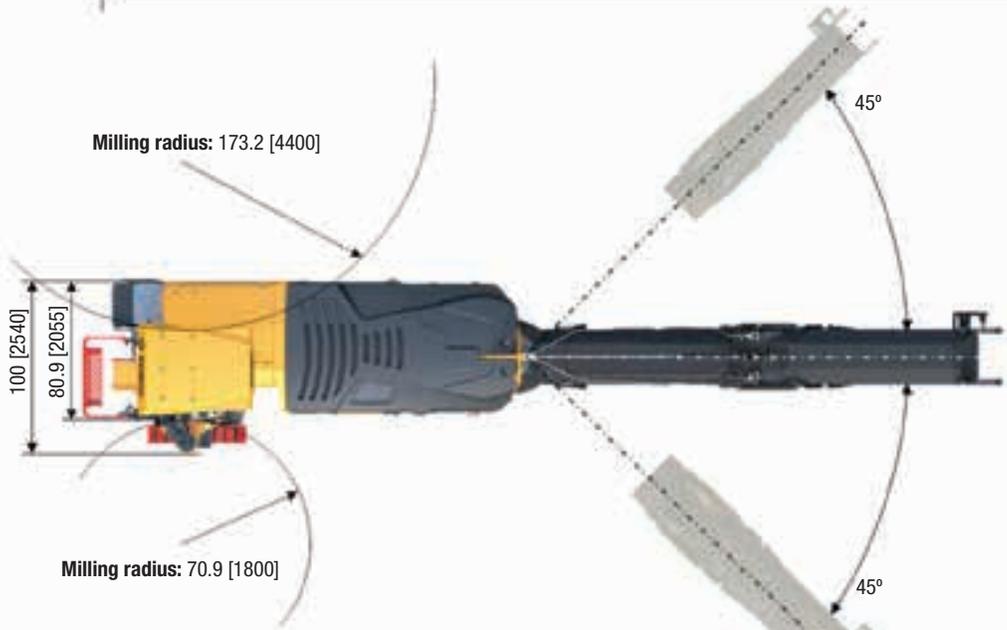
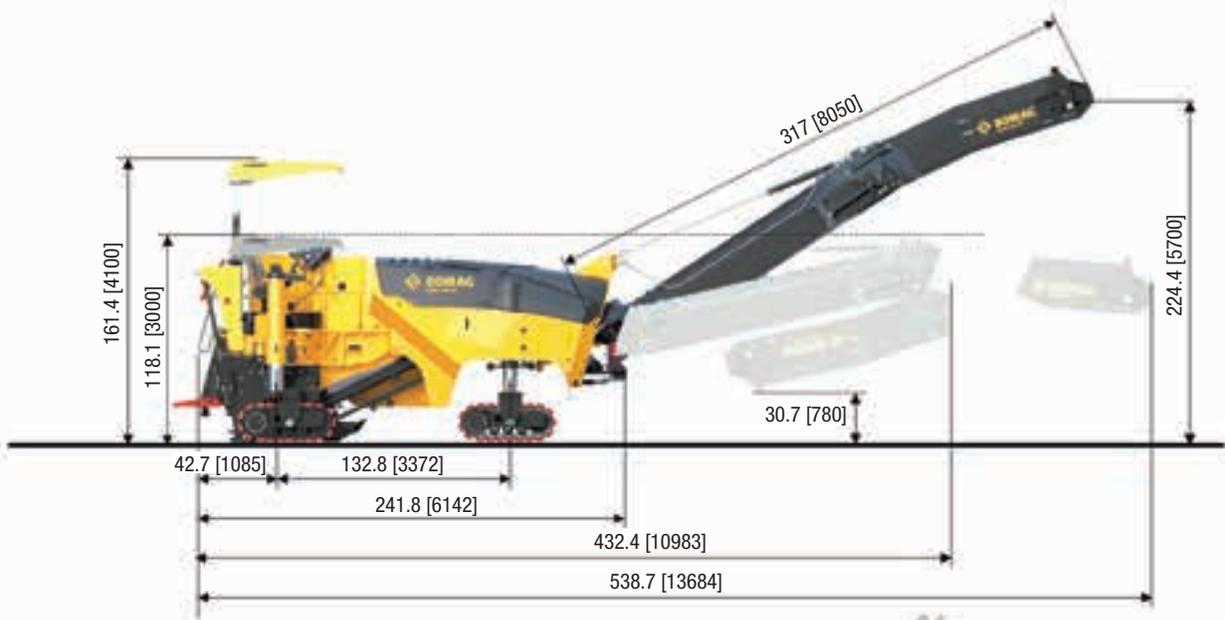
BM 1000/35, BM 1200/35, BM 1300/35



TECHNICAL DATA BM 1000/35, BM 1200/35, BM 1300/35

Milling Drum		BM 1000/35	BM 1200/35	BM 1300/35
Milling width max.	in [mm]	39.4 [1000]	47.2 [1200]	51.2 [1300]
Milling depth	in [mm]	0 – 13 [0 – 330]		
Milling line space	in [mm]	0.59 [15]		
Cutting diameter	in [mm]	38.6 [980]		
No. of Tools		99	115	121
Milling Drum Speed		variable, 85 rpm, 95 rpm, 107 rpm		
Drive				
Engine Manufacturer		MTU (Mercedes)		
Type		Series 1000 6R		
Cooling		Liquid cooled		
No. of cylinders / Displacement		6		
Power	hp [kW]	349 [260]		
Engine Speed	rpm	2200		
Peak Torque	ft lbs [Nm]	1032.6 [1400]		
Emission standards		US Tier 4 final		
Generator	V	28		
Battery		2 X 12V		
Driving Characteristics				
Transport-speed	mph [km/h]	0 – 4.7 [0 – 7.5]		
Operating-speed	fpm [m/min]	0 – 105 [0 – 32]		
Crawler size L x W x H	in [mm]	56.1 [1425] x 10.6 [268] x 22.4 [570]		
Capacities				
Fuel	gal [l]	158.5 [600]		
Water	gal [l]	383 [1450]		
Hydraulic	gal [l]	39.6 [150]		
DEF / Ad Blue	gal [l]	25 [94.6]		
Loading-system				
Conveyor width, inside / outside	in [mm]	25.6 [650] / 23.6 [600]		
Theoretical capacity	ft ³ /h [m ³ /h]	6357 [180]		
Discharge height	in [mm]	224.4 [5700]		
Weights				
Operating weight CE	lb [kg]	49600 [22500]	51580 [23400]	52250 [23700]
Additional weights for Options				
Weather protection roof	lb [kg]	396.8 [180]		
Dust reduction	lb [kg]	308.6 [140]		
Splitted Scraper	lb [kg]	440.9 [200]		
Quick Drum exchange system	lb [kg]	220.5 [100]		
Fine-milling-drum LA8	lb [kg]	661.4 [300]		
Ballast 1, frame	lb [kg]	1102.3 [500]		
Ballast 2, milling compartment	lb [kg]	881.8 [400]		

Technical modifications reserved. Machines may be shown with options.



INCHES [MM]

Standard

Milling technology

- ◆ Milling Drum LA15
- ◆ BOMAG BMS 15 exchangeable toolholder
- ◆ 3 Milling-Drum-speeds, 85 min⁻¹, 95 min⁻¹, 107 min⁻¹
- ◆ Proportional adjustable water injection, 0 – 6 l/min
- ◆ 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
- ◆ 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 MTU-engine following Tier 4 final
- ◆ Variable placeable working-lights
- ◆ Rotary-beacon
- ◆ Mirror
- ◆ CE-conform safety-package with emergency-stop-switches
- ◆ Back-up-alarm
- ◆ Vandalism protection
- ◆ SCR - Selective Catalytic Reductions with DEF/Ad Blue



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 color
- ◆ Bio hydraulic oil

Quick-change Milling Drums

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

Leveling Systems and electronic support

- ◆ Leveling, 2 sides + slope
- ◆ Camera
- ◆ Fleet management BOMAG TELEMATIC



The innovative BMS 15 interchangeable holder system.

