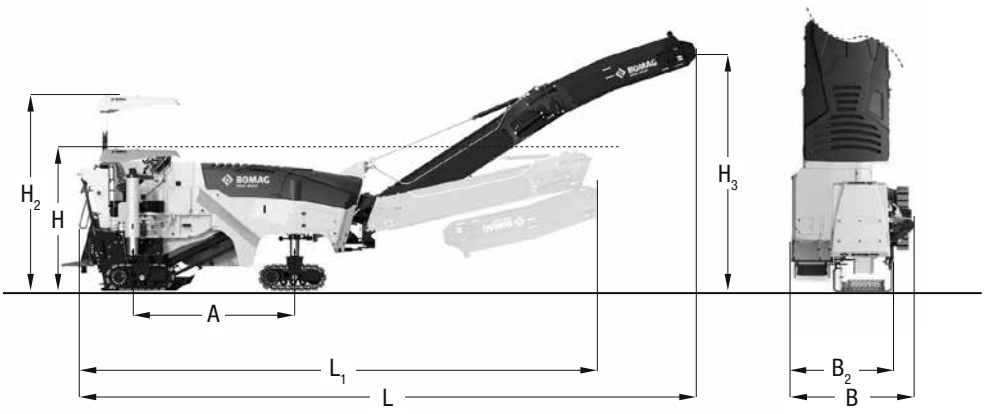
BOMAG
FAYAT GROUP

TECHNICAL DATA

COLD PLANER (TIER 4)

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



Dimensions in mm

	A	B	B_2	H	H_2	H_3	L	L_1
BM 1000/35	3372	2540	2055	3000	4100	5700	13684	10983
BM 1200/35	3372	2810	2330	3000	4100	5700	13684	10983
BM 1300/35	3372	2810	2330	3000	4100	5700	13684	10983

Technical Data		BOMAG BM 1000/35	BOMAG BM 1200/35	BOMAG BM 1300/35
Milling Drum				
Milling width max.	mm	1.000	1.200	1.300
Milling depth	mm	0 – 330	0 – 330	0 – 330
Milling line space	mm	15	15	15
Cutting diameter	mm	980	980	980
No. of Tools		99	115	121
Milling Drum Speed	min^{-1}	variable, 85,	variable, 85,	variable, 85,
	min^{-1}	95, 107	95, 107	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	cm^3	6 / 7.700	6 / 7.700	6 / 7.700
Power	kW / PS	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	l/h	26	26	26
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	km/h	0 – 7,5	0 – 7,5	0 – 7,5
Operating-speed	m/min	0 – 50	0 – 50	0 – 50
Crawler size L x W x H	mm	1.425 x 268 x 570	1.425 x 268 x 570	1.425 x 268 x 570
Capacities				
Fuel	l	600	600	600
Water	l	1.450	1.450	1.450
Hydraulic	l	150	150	150
Loading-system				
Conveyor width, inside / outside	mm	650 / 600	650 / 600	650 / 600
Theoretical capacity	m^3/h	180	180	180
Discharge height	mm	5.700	5.700	5.700
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	kg	180	180	180
Dust reduction	kg	140	140	140
Splitted Scraper	kg	200	200	200
Quick Drum exchange system	kg	100	100	100
Fine-milling-drum LA8	kg	300	300	300
Ballast 1, frame	kg	500	500	500
Ballast 2, milling compartment	kg	400	400	400

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-adjusment
- ☑ 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 fortable 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

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