



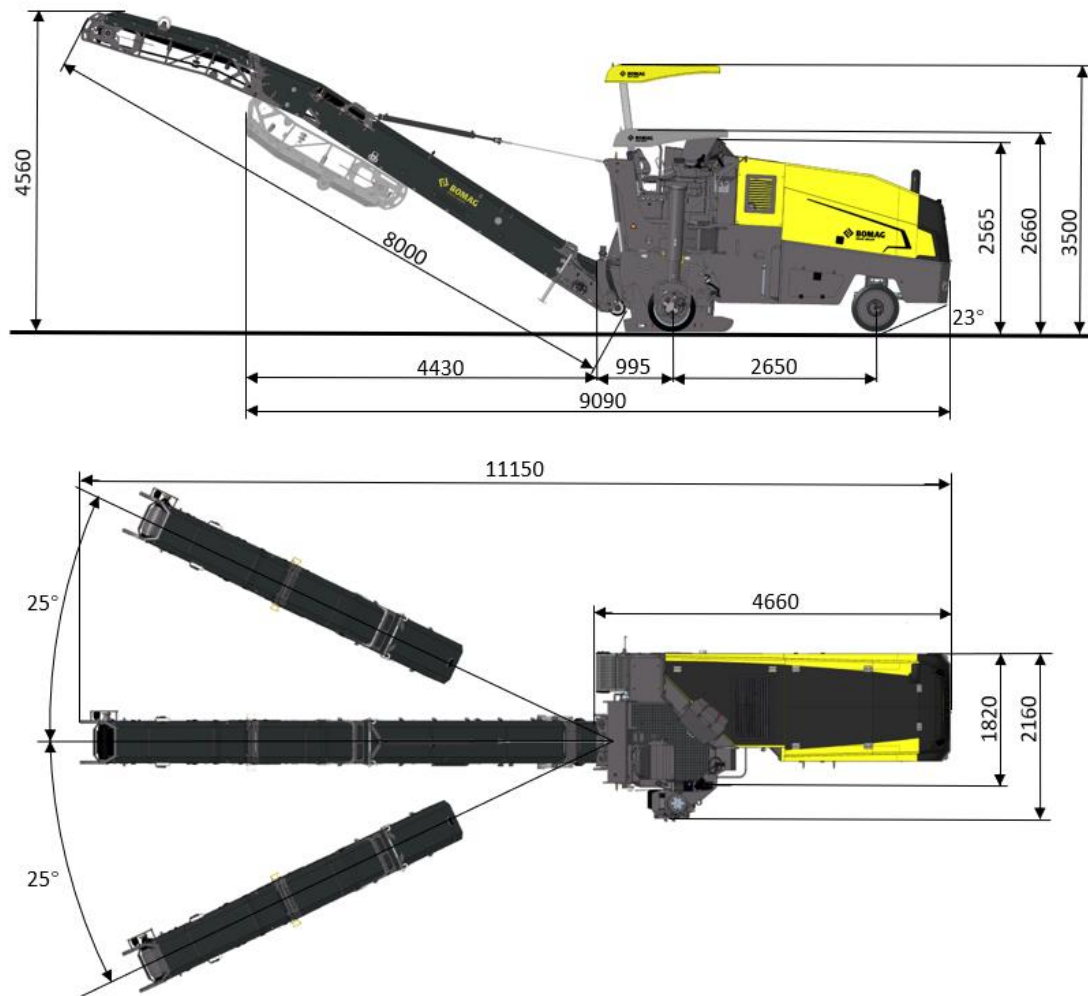
TECHNICAL DATA

COLD PLANER (CHINA3/TIER 3)

BM 1000/20



Dimensions(mm)



Conveyor Dimension:

Unfolded: 8000x745x960

Folded: 5850x745x1270

Technical data

BOMAG
BM 1000/20

Milling drum

Milling width max.	mm	1000
Milling depth.....	mm	0-210
Milling line distance.....	mm	18
Milling drum cutting diameter.....	mm	860
Number of cutting tools.....	St.	80
Milling speed.....	1/min	111 / 123 / 136

Drive

Engine manufacturer		CUMMINS
Type		QSB 6.7-C220-30
Exhaust classification		China 3 / TIER 3
Cooling		liquid
Number of cylinders/displacement	/L	6 / 6.7
Power	kW	164
Power	hp	220
Speed.....	min ⁻¹	2200
Peak torque.....	Nm / min ⁻¹	949 / 1500
Fuel consumption at max. torque	g/kWh	218
Fuel consumption at rated power	g/kWh	235
Generator	V / A	28 / 70
Battery.....	V / Ah	2 x 12 / 105

Travel characteristics

Travel speed	km/h	0-8
Working speed	m/min	0-40
Milling radius min.	mm	380

Wheels

Front wheel size(Ø x W)	mm	620 x 230
Rear wheel size(Ø x W).....	mm	620 x 255

Filling capacities

Fuel	L	330
Water.....	L	700
Hydraulics	L	135

Loading system

Conveyor belt width	mm	400
Theoretic loading capacity	m ³ /h	92
Discharge height.....	mm	4500

Machine weights

Max. operating weight (incl. options).....	kg	13600
Transport weight, incl. diesel & milling drum	kg	11800

Extra weights options

Weather protection roof.	kg	85
Conveyor belt.....	kg	650

Technical modifications reserved. Machines may be shown with options.

The actual machine weight depends on the respective configuration.

Standard equipment

Milling technology

- ☒ LA18 milling drum
- ☒ 3 milling drum speeds
- ☒ Adjustable water injection
- ☒ Digital height indicator
- ☒ Proportional Milling-depth-adjustment
- ☒ Full proportional speeds for height-adjustment
- ☒ Hydraulically operated side-plates
- ☒ Manual operated front mouldboard
- ☒ Rear mouldboard with adjustable pre-load-pressure
- ☒ Automatic load-control
- ☒ Automatic distribution of traction

Drives

- ☒ 4-wheel-drive up to 8 km/h
- ☒ Right rear wheel foldable manually
- ☒ Variable transport speed
- ☒ Variable milling speeds pre-setting with 3 speeds
- ☒ Hydraulic drum drive

Ease of operation

- ☒ Comfort-workstation for sitting operation
- ☒ Graphic-display
- ☒ Ergonomic adjustable operator seat
- ☒ Spring loaded suspended seat
- ☒ Ergonomic dash-board
- ☒ Height- adjustable arm-rest with integrated ergonomic operation panel
- ☒ Self-explanatory, well-arranged dashboard
- ☒ Large storage at ground level
- ☒ Hydraulic faster-coupling for conveyor operation

Safety & environmental protection

- ☒ Liquid cooled engine following latest emission rules
- ☒ Eight working lights - 4 variable to place
- ☒ Rotary-beacon
- ☒ Mirror
- ☒ Safety-package with emergency-stop-switches
- ☒ Reverse driving signal
- ☒ Vandalism protection

Optional

Basic machine

- ☐ Weather protection roof
- ☐ Hose reel

Milling technology

- ☐ Milling drum 1000 LA18 BMS15L
- ☐ Milling drum 1000 LA18 BMS05

Conveyor belts

- ☐ Conveyor, long foldable incl. 1 working light

Automatic levelling systems

- ☐ Levelling Basic, Digital-display, controller, 2x side doors, Wear-free, digital Milling-depth-display
- ☐ Levelling Advanced 1, slope sensor
- ☐ Mechanical level clock system



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