

Technical data cold planer.

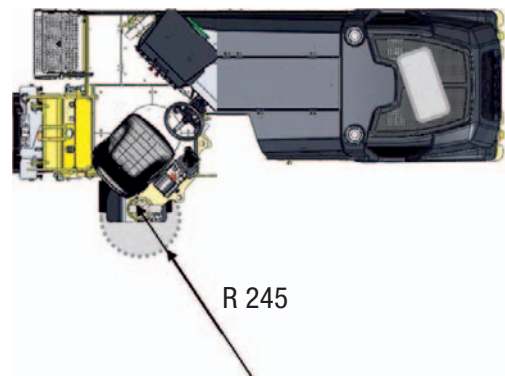
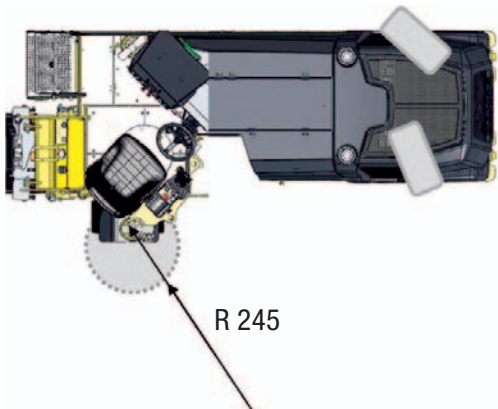
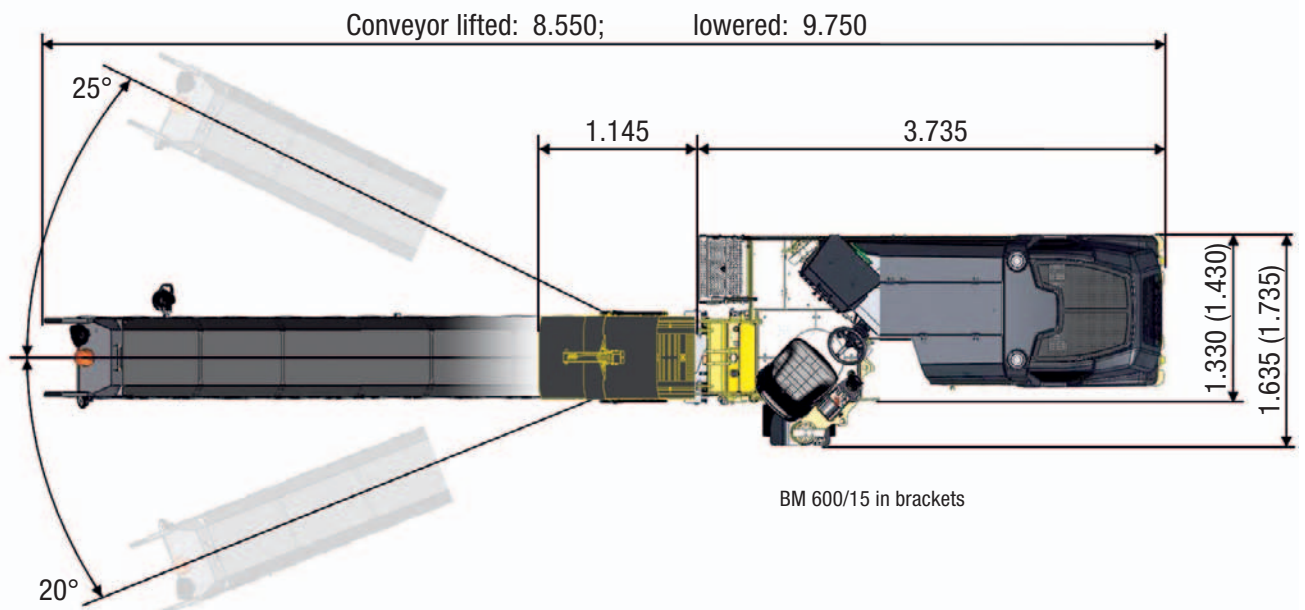
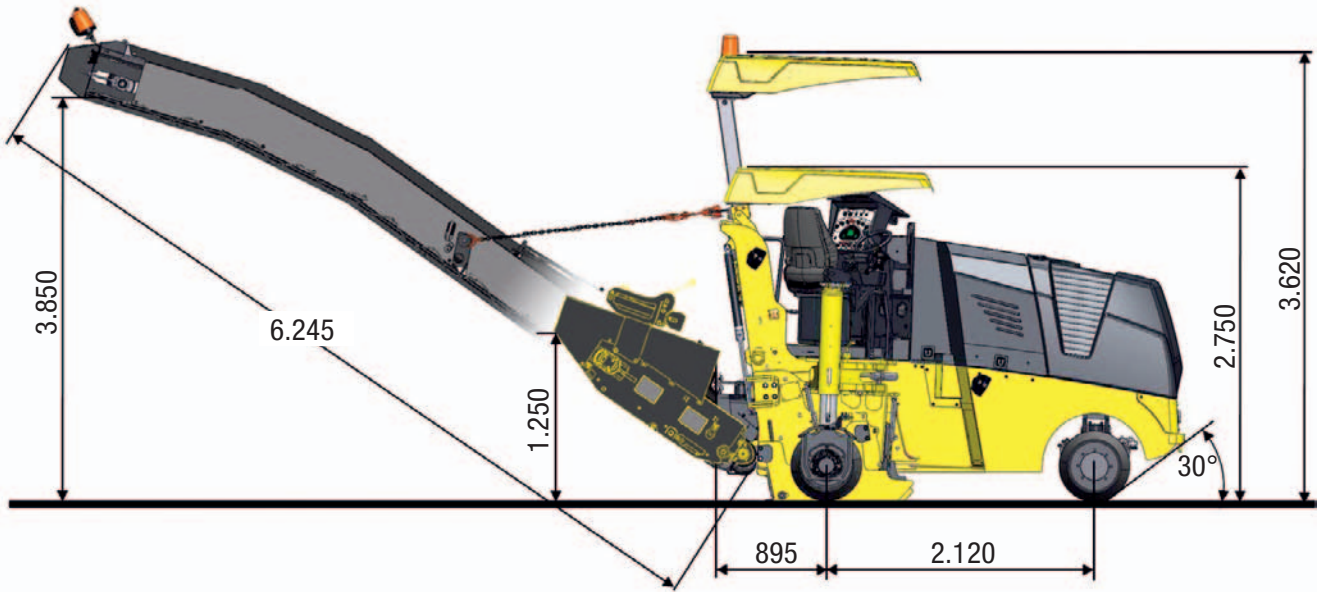


BM 500/15, BM 600/15



	BM 500/15	BM 600/15
Milling Drum		
Milling width max	500 mm	600 mm
Milling depth	0 – 210 mm	0 – 210 mm
Milling line space	15 mm	15 mm
Cutting diameter, tools	700 mm	700 mm
Number of Tools	58	64
Milling drum speed	variable, 124 min ⁻¹ , 139 min ⁻¹ , 154 min ⁻¹	variable, 124 min ⁻¹ , 139 min ⁻¹ , 154 min ⁻¹
Drive		
Engine Manufacturer	Deutz	Deutz
Type	TCD 4.1	TCD 4.1
Emission stage	3b / 4i	3b / 4i
Cooling	liquid cooled	liquid cooled
Number of Cylinders / Displacement	4 / 4000 cm ³	4 / 4000 cm ³
Power	105 kW / 143 HP	105 kW / 143 HP
Engine Speed	2100 U/min	2100 U/min
Electrical Equipment, Generator	24V / 80A	24V / 80A
Battery	2 x 12V / 88Ah	2 x 12V / 88Ah
Driving Characteristics		
Milling-radius 3-Wheels	245 mm	245 mm
Milling-radius 4-Wheels	245 mm	245 mm
Transport speed	0 – 6 km/h	0 – 6 km/h
Working speed	0 – 30 m/min variable	0 – 30 m/min variable
Wheels		
Type of wheels	solid rubber	solid rubber
Rear wheel size (Ø x B)	560 mm x 254 mm	560 mm x 254 mm
Front wheel size 3-Wheels (Ø x B)	560 mm x 254 mm	560 mm x 254 mm
Front wheel size 4-Wheels (Ø x B)	560 mm x 203 mm	560 mm x 203 mm
Capacities		
Fuel	230 l	230 l
Water	600 l	600 l
Hydraulic oil	100 l	100 l
Loading-system		
Conveyor width	400 mm	400 mm
Theoretical capacity	85 m ³ /h	85 m ³ /h
Discharge height	3.850 mm	3.850 mm
Weights		
Max. operating weight (incl. Options)	8.500 kg	8.600 kg
Operating weight, CECE (with conveyor)	7.700 kg	7.800 kg
Basic weight (3-Wheels, Drum 500, w/o conveyor)	6.800 kg	6.900 kg
Weights, Options		
Additional weight 4-Wheel Version	210 kg	210 kg
Additional weight weather protection roof	164 kg	164 kg
Additional weight split scraper	50 kg	50 kg
Conveyor, long	520 kg	520 kg
Conveyor, short	120 kg	120 kg
Transport dimensions		
Machine, L x B x H (Wheel folded in, w/o Canopy)	3.735 x 1.330 x 2.500 mm	3.735 x 1.430 x 2.500 mm
Machine, L x B x H (with canopy)	3.735 x 1.635 x 2.750 mm	3.735 x 1.735 x 2.750 mm
Conveyor, long, L x B x H	6.247 x 824 x 1.010 mm	6.247 x 824 x 1.010 mm
Conveyor, short, L x B x H	1.200 x 824 x 1.010 mm	1.200 x 824 x 1.010 mm
Max. distance of loading ramps (3-Wheels)	700 mm	700 mm

Technical modifications reserved. Machines may be shown with options.



Standard

Milling technology:

- ◆ Milling Drum LA15
- ◆ Milling Drum speeds, 124 1/min, 139 1/min, 154 1/min
- ◆ Proportional adjustable water injection, 0 – 6 l/min
- ◆ Automatic water-saving device
- ◆ 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

Drive Systems:

- ◆ 3-Wheel drive
- ◆ Right rear wheel foldable from operator place
- ◆ Variable transport speed
- ◆ Variable milling speeds
- ◆ Mechanical Drum drive

Operation comfort:

- ◆ Fully vibration-isolated operator-platform
- ◆ Comfort-workstation for sitting operation
- ◆ Seat heating
- ◆ Ergonomic adjustable operator seat
- ◆ Ergonomic adjustable steering wheel / column
- ◆ Height- adjustable arm-rest with integrated ergonomic operation panel
- ◆ Self-explanatory, well-arranged dashboard
- ◆ Large storage at ground level
- ◆ All service- and maintenance-points are concentrated on right-hand side

Safety & environmental protection:

- ◆ Whisper-package for noise elimination
- ◆ Liquid cooled engine following latest emission rules
- ◆ Two driving lights
- ◆ Three variable working-lights
- ◆ Rotary-beacon
- ◆ Mirror
- ◆ CE-conform safety-package with two emergency-stop-switches
- ◆ Back-up-alarm
- ◆ Vandalism protection

Optional

Basic machine:

- ◆ 4-Wheel-version
- ◆ Weather protection roof
- ◆ Split rear scraper door
- ◆ Hydraulic hammer connection
- ◆ Road lights
- ◆ Additional working-light, plug in
- ◆ Additional working-light, magnet base
- ◆ Special colour
- ◆ Bio hydraulic oil

Quick-change Milling drums:

- ◆ Milling drum 600 LA15
- ◆ POWER DRUM 600 LA20
- ◆ Fine Milling drum 600 LA6
- ◆ Milling drum 500 LA15
- ◆ POWER DRUM 500 LA20
- ◆ Fine Milling drum 500 LA6
- ◆ Milling drum 400 LA14
- ◆ Milling drum 300 LA14

Loading-system

- ◆ Conveyor, long
- ◆ Conveyor, long, hyd. foldable
- ◆ Conveyor, short

Automatic Levelling systems

- ◆ Levelling Basic, levelling-display, wire-rope sensor, controller (single grade)
- ◆ Levelling Advanced 1, additional wire-rope sensor (dual grade)
- ◆ Levelling Advanced 2, slope sensor

Others

- ◆ Hydraulic hammer
- ◆ Transport trailer
- ◆ Fleet-management BOMAG TELEMATIC