

# TECHNICAL DATA

COLD PLANERS (Stage V / TIER 4f)  
BM 500/15-2, BM 600/15-2

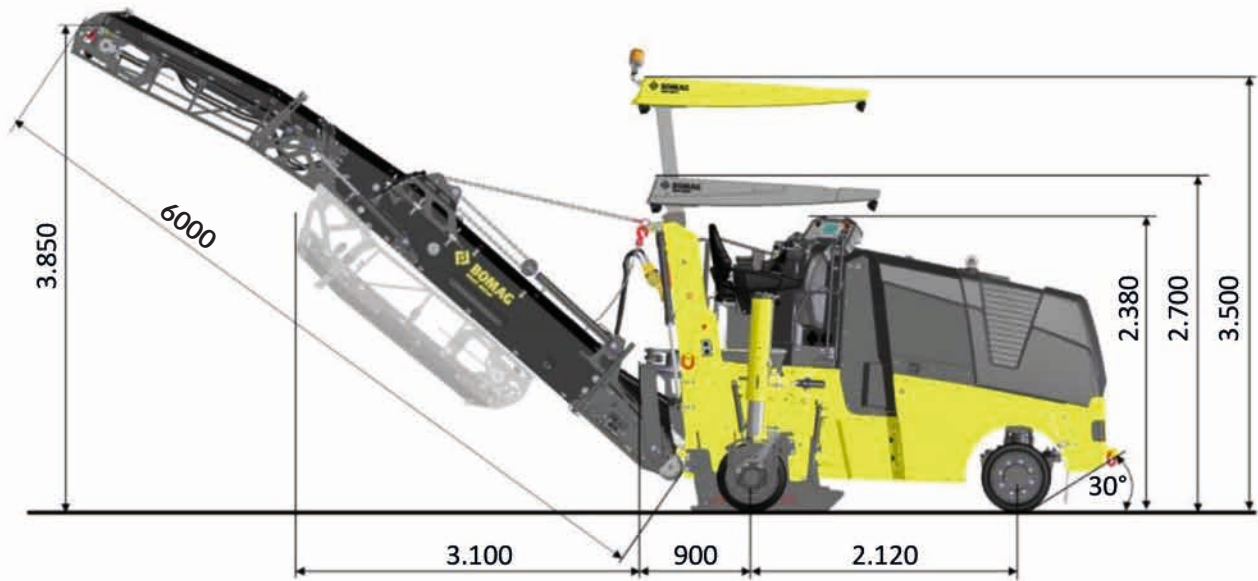


## Technical data

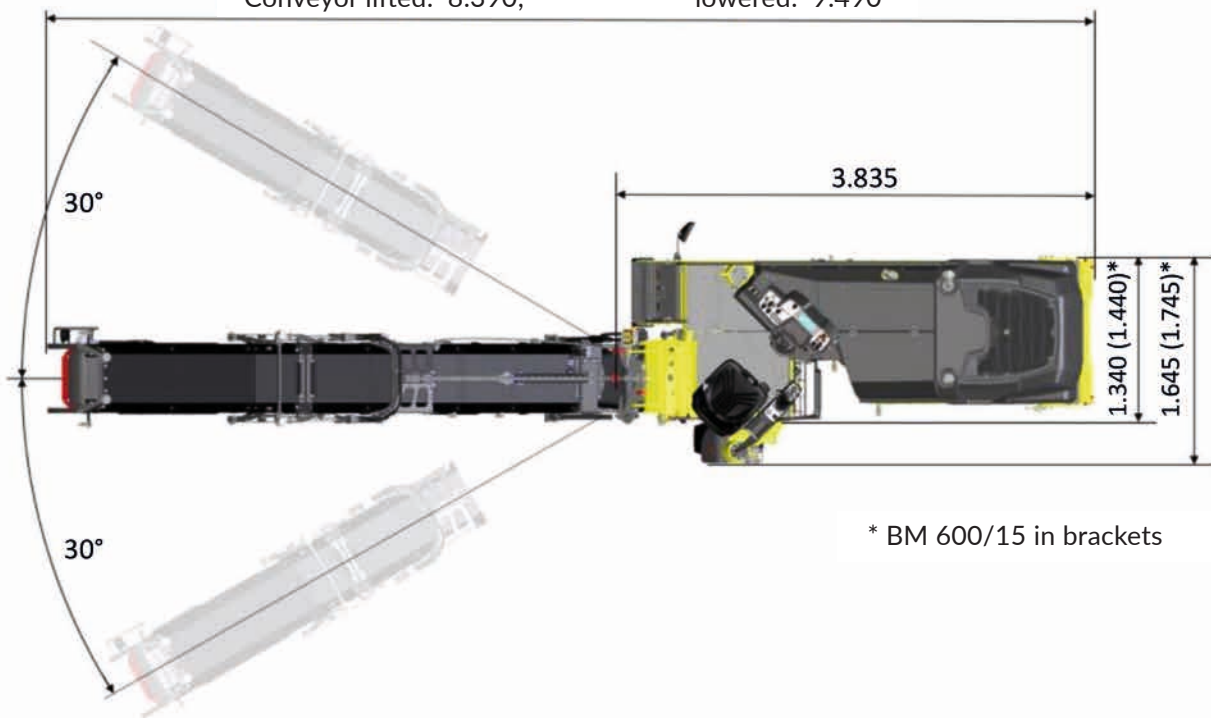
	<b>BOMAG 500/15-2</b>	<b>BOMAG 600/15-2</b>
<b>Milling drum</b>		
Milling width max. .... mm	500	600
Milling depth ..... mm	0 – 210	0 – 210
Milling line distance ..... mm	15	15
Milling drum cutting diameter..... mm	700	700
Number of cutting tools ..... pcs.	58	64
Milling speed ..... 1/min	variable – 115, 130, 145	variable – 115, 130, 145
<b>Drive</b>		
Engine manufacturer .....	Deutz	Deutz
Type .....	TCD4.1	TCD4.1
Exhaust classification .....	Stage V / TIER 4f	Stage V / TIER 4f
Cooling .....	Liquid	Liquid
Number of cylinders/displacement ..... cm <sup>3</sup>	4 / 4000	4 / 4000
Power ..... kW / PS	105 / 143	105 / 143
Speed ..... min <sup>-1</sup>	2,100	2,100
Torque..... Nm / min <sup>-1</sup>	550 / 1,600	550 / 1,600
Fuel consumption, max torque/nominal power .. g / kWh	211 / 219	211 / 219
Generator ..... V / A	28V / 120 A	28V / 120 A
Battery ..... V / Ah	2 x 12 V / 88 Ah	2 x 12 V / 88 Ah
<b>Travel characteristics</b>		
Travel speed, 3-wheel ..... km/h	0 – 6	0 – 6
Travel speed, 4-wheel ..... km/h	0 – 10	0 – 10
Working speed ..... m/min	0 – 82	0 – 82
Milling radius 3- and 4-wheel ..... mm	245	245
<b>Wheels</b>		
Rear wheel size (Ø x W)..... mm	560 x 254	560 x 254
Front wheel size, 3-wheel (Ø x W)..... mm	560 x 254	560 x 254
Front wheel size, 4-wheel (Ø x W)..... mm	560 x 203	560 x 203
<b>Filling capacities</b>		
Fuel ..... l	200	200
Water ..... l	600	600
Hydraulic system ..... l	100	100
AdBlue ..... l	30	30
<b>Loading system</b>		
Conveyor belt width ..... mm	400	400
Theoretic loading capacity ..... m <sup>3</sup> /h	85	85
Discharge height..... mm	3,850	3,850
<b>Machine weights</b>		
Max. operating weight (incl. options) ..... kg	9,000	9,200
Transport weight, incl. diesel & milling drum ..... kg	7,300	7,500
<b>Extra weights options</b>		
Weather protection roof..... kg	175	175
Scraper, split..... kg	50	50
Conveyor belt, long ..... kg	515	
Conveyor belt, long & foldable..... kg	550	550
Conveyor belt, short..... kg	290	
Ballast in front wheels (4-wheel version only) ..... kg	120	120

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

## Dimensions [mm]

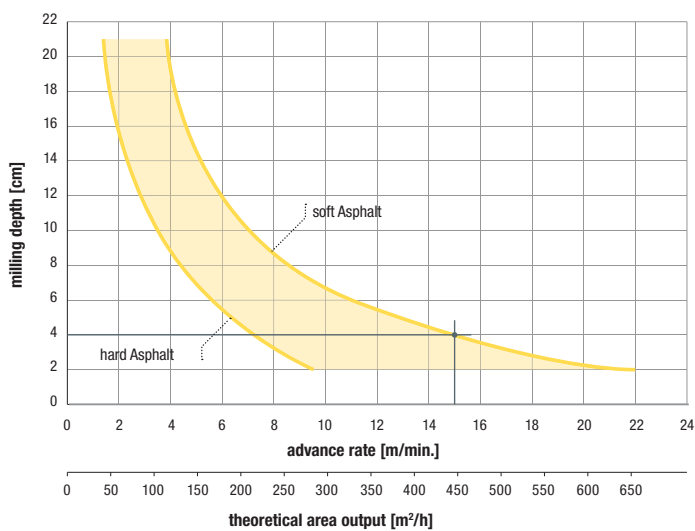


Conveyor lifted: 8.390; lowered: 9.490

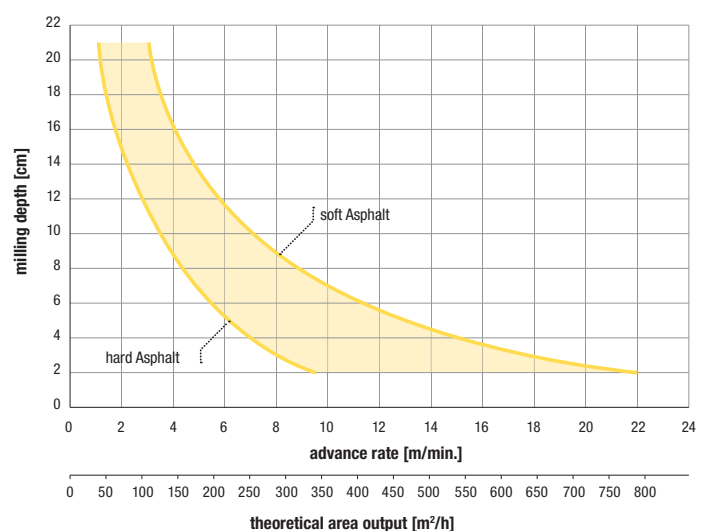


\* BM 600/15 in brackets

## Milling performance: BM 500/15-2



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## Standard equipment

### Milling technology

- Milling drum LA15
- 3 Milling drum speeds
- Proportionally adjustable water quantity
- Automatic water saving detection
- Wear-free, digital milling depth indicator
- Proportional milling depth adjustment
- Two proportional height adjustment speed ranges
- Additional height adjustment on the joystick for one-hand operation
- Hydraulically operated side plates
- Hydraulically operated hold-down
- Hydraulically operated scraper with adjustable scraper pressure
- Right-hand side plate for quick milling drum changes
- Automatic power limit control
- Automatic traction control

### Drives

- 3-wheel drive with up to 6 km/h
- Right rear wheel can be folded in from the driver's seat
- Infinitely variable transport speed range
- Infinitely variable milling speed
- Cruise control function with 12 speeds
- Mechanical milling drive

### Ease of operation

- Fully vibration-isolated driver's stand
- Comfortable work area for operation from a seated position
- 7"- full-graphic operator display
- Spring-loaded ergonomic comfort seat, which can be adjusted to the working situation and swivelled to 45°
- Seat heating
- Ergonomic operating console, which can be adjusted to the working situation
- Height-adjustable arm rest with an integrated control unit
- Self-explanatory and clearly arranged control panel
- Spacious storage compartments at ground level
- Group placement of service and maintenance points on the right side of the machine
- Multi quick coupling for conveyor belt drive
- Storage space for gloves, drinks, spray cans, etc.

### Safety & environmental protection

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

- Two head lights
- Variably positionable optional head lights
- Flashing beacon
- Rear-view mirror
- CE-compliant safety package with emergency stop switches
- Backup protection
- Vandal-proof covers for the control units

### Additional equipment

#### Basic machine

- 4-wheel drive with up to 10 km/h
- Adjustable weather protection roof
- Plexiglas wind protection, footwell and part of the weather protection roof
- Scraper, split
- Water filling pump with washing function and hose reel
- Hydraulic hammer connection
- Frost protection package
- Traffic lighting
- Optional head lights, attachable
- Optional head lights, magnetic base
- Special paintwork
- Biohydraulic oil
- Ballasting
- BOMAG TELEMATIC fleet management

#### Quick-change of the 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
- Fine milling drum 400 LA6
- Milling drum 400 LA14
- Milling drum 300 LA14
- Drain trench milling drum
- Cutting wheel

#### Conveyor belts

- Conveyor belt, long
- Conveyor belt, long & hydr. foldable
- Conveyor belt, short

#### Automatic levelling systems

- Levelling base, 7" full graphic display, control unit, 2x side plates
- Levelling extension 1, BOMAG Easy Level with an integrated cross slope sensor
- Levelling extension 2, Sonic Ski with 3x brackets

