

TECHNICAL DATA

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



Technical data

Milling drum

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

Drive

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 ³	4 / 4000	4 / 4000
Power kW / PS	105 / 143	105 / 143
Speed min ⁻¹	2,100	2,100
Torque..... Nm / min ⁻¹	550 / 1,600	550 / 1,600
Fuel consumption, max torque/nominal power .. g / kWh	211 / 219	211 / 219
Generator V / A	28 V / 120 A	28 V / 120 A
Battery V / Ah	2 x 12 V / 88 Ah	2 x 12 V / 88 Ah

Travel characteristics

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

Wheels

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

Filling capacities

Fuel l	200	200
Water l	600	600
Hydraulic system l	100	100
AdBlue l	30	30

Loading system

Conveyor belt width mm	400	400
Theoretic loading capacity m ³ /h	85	85
Discharge height..... mm	3,850	3,850

Machine weights

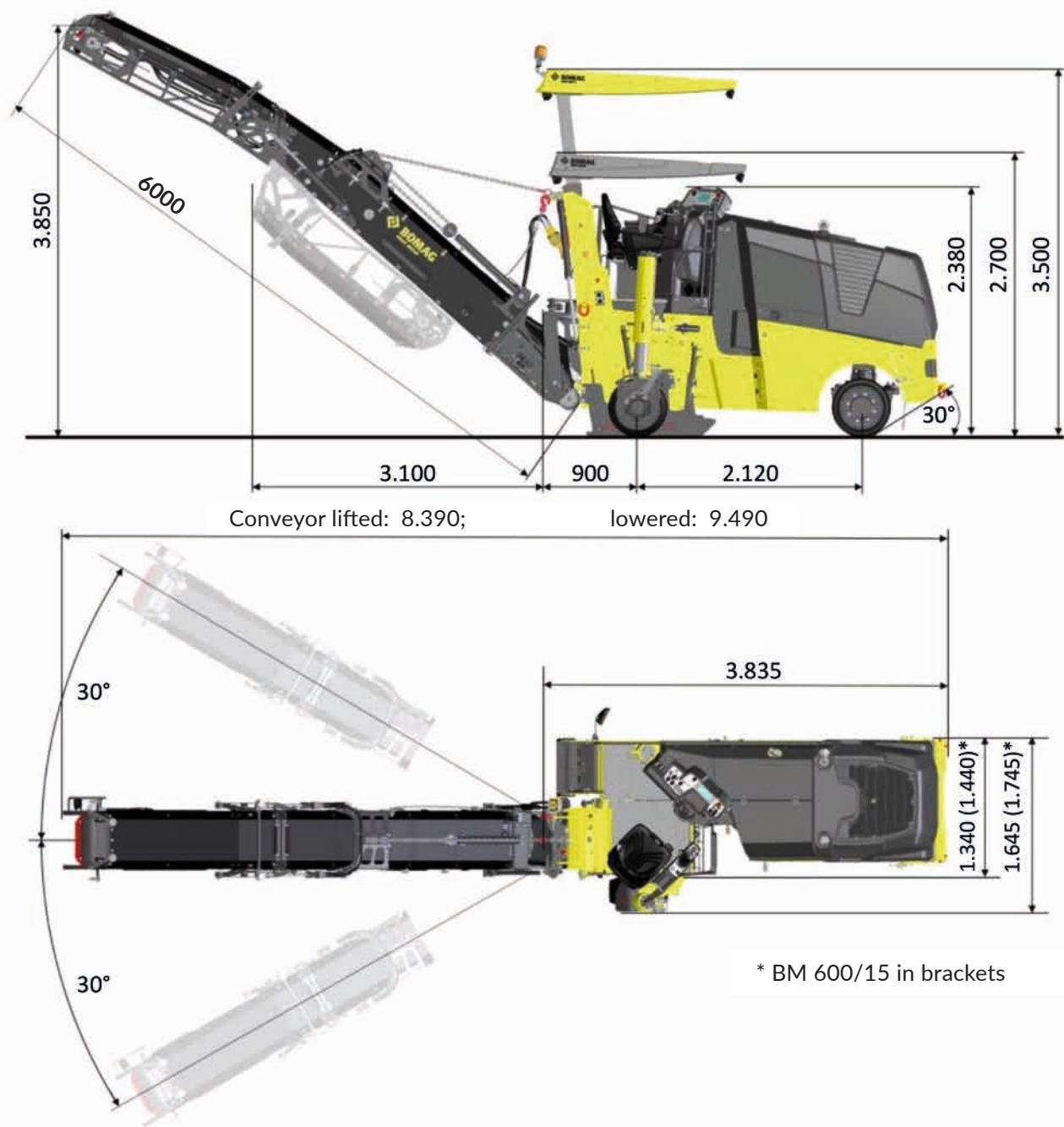
Max. operating weight (incl. options) kg	9,000	9,200
Transport weight, incl. diesel & milling drum kg	7,300	7,500

Extra weights options

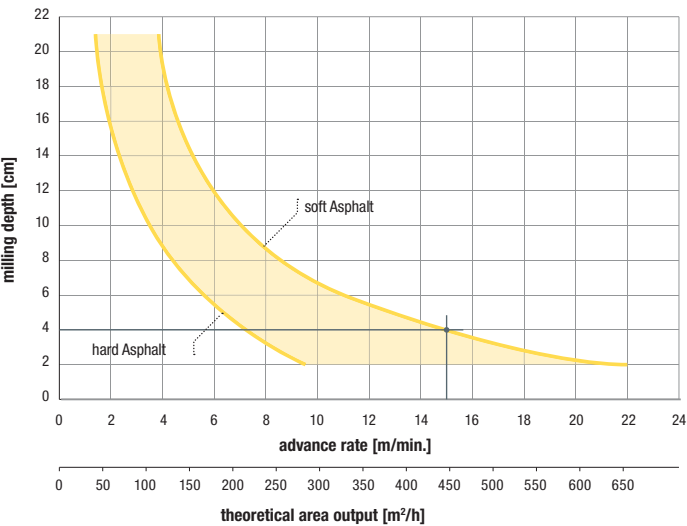
Weather protection roof..... kg	175	175
Scraper, split..... kg	50	50
Conveyor belt, long kg	515	
Conveyor belt, long & foldable kg	550	550
Conveyor belt, short..... kg	290	
Ballast in front wheels (4-wheel version only) kg	120	120

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

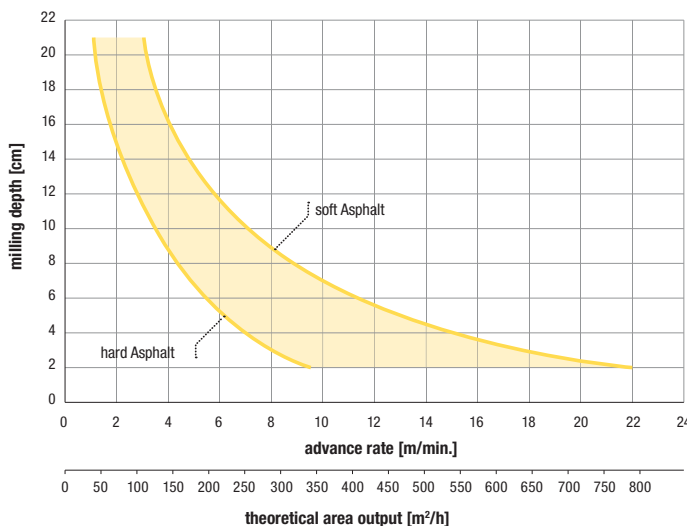
Dimensions [mm]



Milling performance: BM 500/15-2



Milling performance: BM 600/15-2



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

