BOMAG
FAYAT GROUP

TECHNICAL DATA

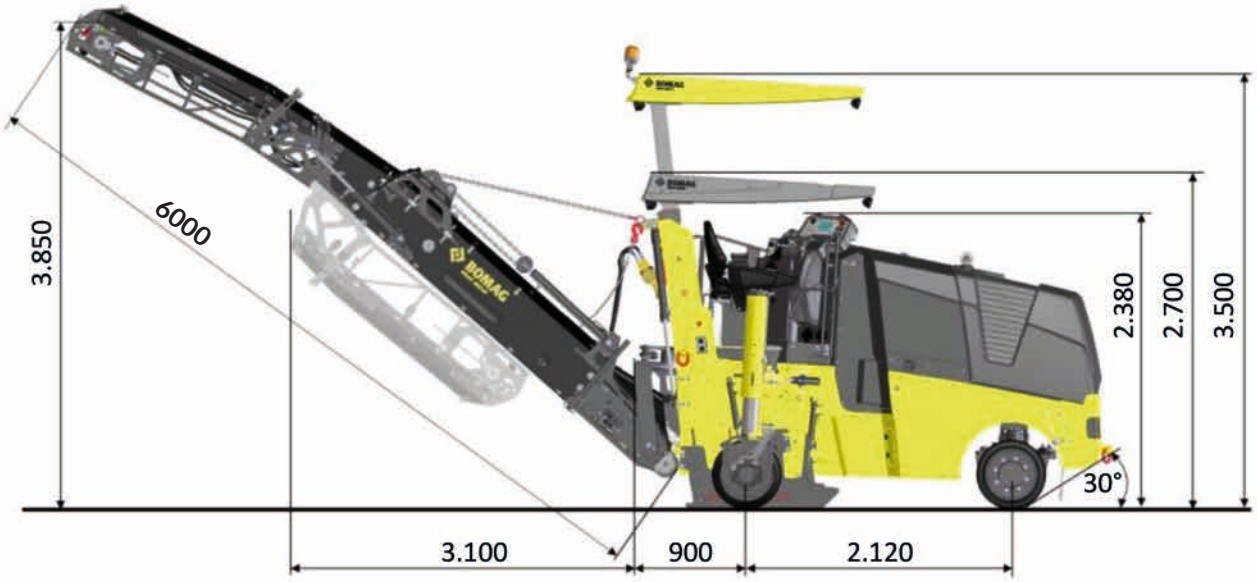
COLD PLANERS (TIER 3)
BM 500/15-2, BM 600/15-2

Technical data

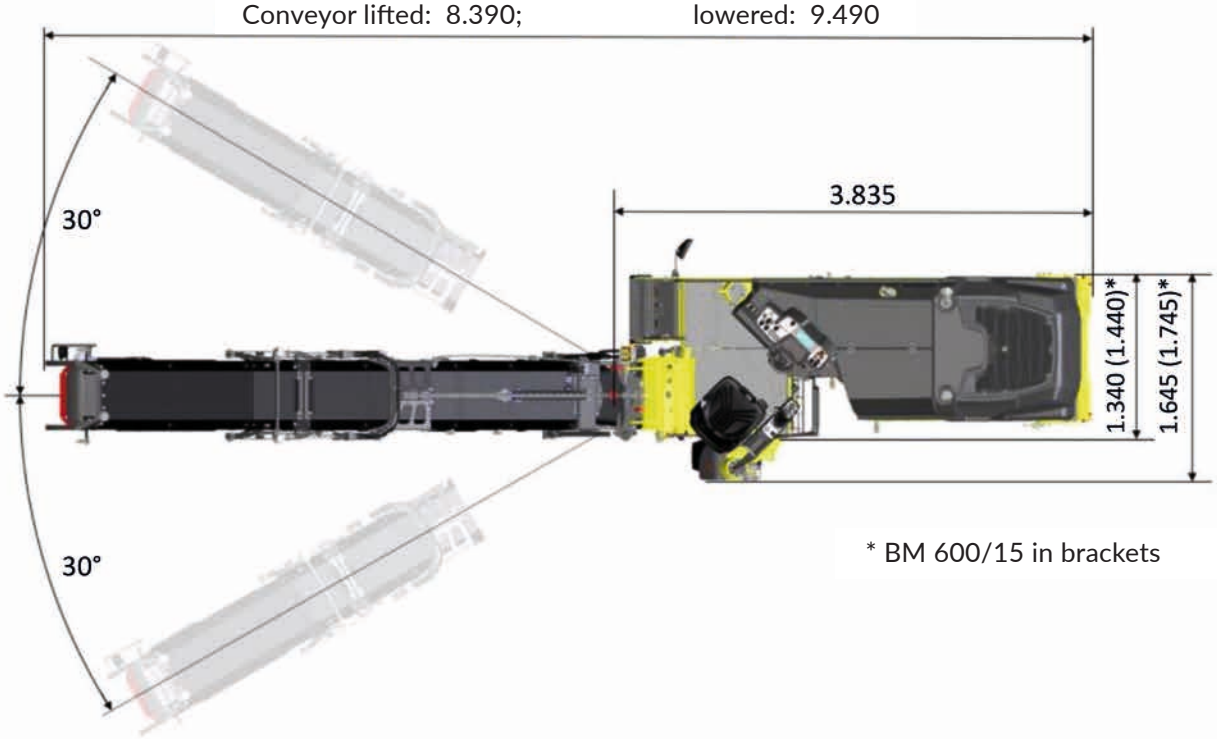
		BOMAG 500/15-2	BOMAG 600/15-2
Milling drum			
Milling width max.	mm	500	600
Milling depth	mm	0 – 210	0 – 210
Milling line distance	mm	15	15
Milling drum cutting diameter	mm	700	700
Number of cutting tools	pcs.	58	64
Milling speed	1/min	variable – 115, 130, 145	variable – 115, 130, 145
Drive			
Engine manufacturer		Deutz	Deutz
Type		TCD4.1	TCD4.1
Exhaust classification		Stage IIIa / TIER 3	Stage IIIa / TIER 3
Cooling		Liquid	Liquid
Number of cylinders/displacement	cm3	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
Hydraulics	l	100	100
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	kg515	515	
Conveyor belt, long & foldable	kg	550	550
Conveyor belt, short	kg290	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]

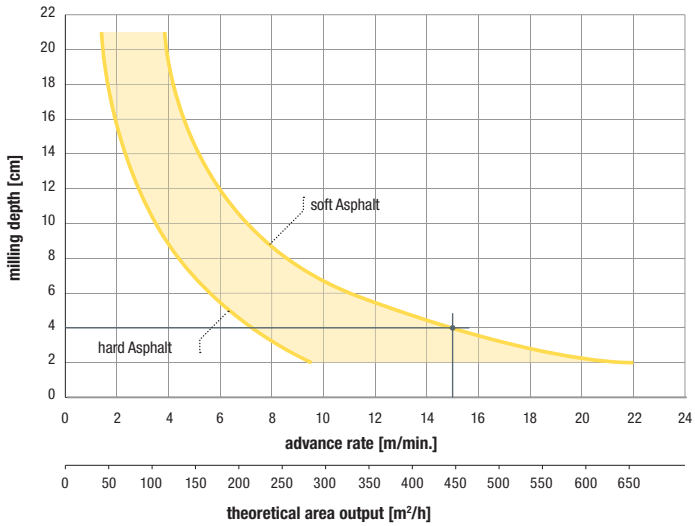


Conveyor lifted: 8.390; lowered: 9.490

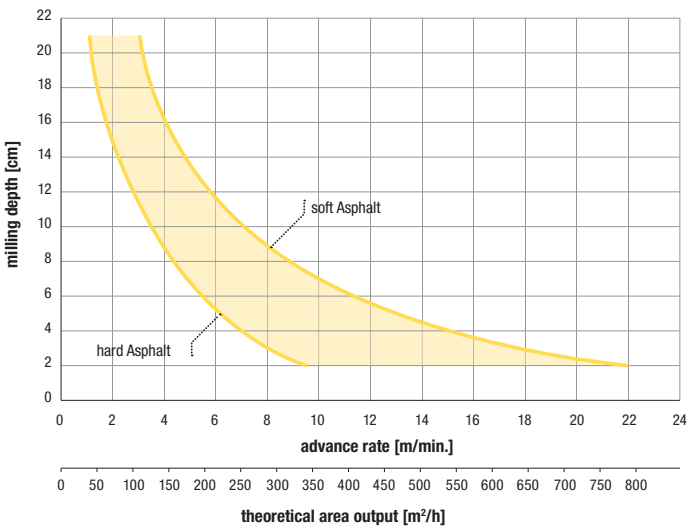


* BM 600/15 in brackets

Milling performance: BM 500/15-2



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 spacefor 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

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