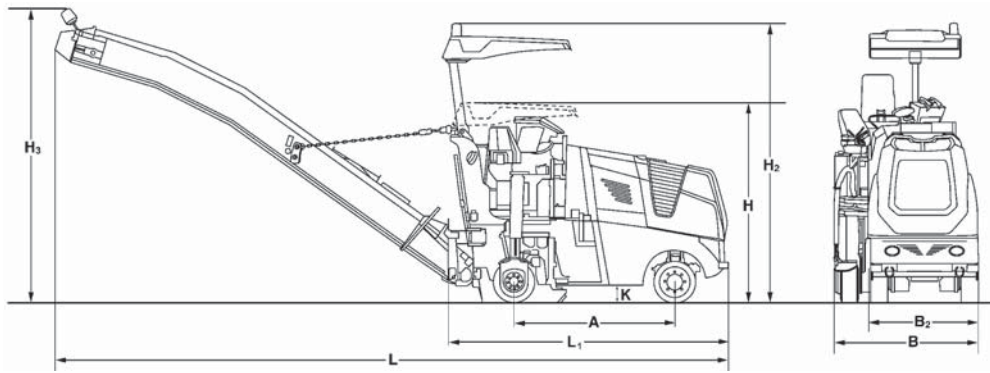


TECHNICAL DATA

COLD PLANER (TIER 4i)

BM 500/15, BM 600/15





Dimensions in in

| | A | B | B₂ | H | H₂ | H₃ | K | L | L₁ |
|------------------|----------|----------|----------------------|----------|----------------------|----------------------|----------|----------|----------------------|
| BM 500/15 | 83 | 64 | 52 | 112 | 143 | 152 | 10 | 384 | 147 |
| BM 600/15 | 83 | 68 | 56 | 112 | 143 | 152 | 10 | 384 | 147 |

Technical Data

Milling Drum

| | | | |
|-------------------------------|-------------------|----------------------------|----------------------------|
| Milling width max | in | 19.7 | 23.6 |
| Milling depth | in | 0 – 8.3 | 0 – 8.3 |
| Milling line space | in | 0.6 | 0.6 |
| Cutting diameter, tools | in | 27.6 | 27.6 |
| Number of Tools | | 58 | 64 |
| Milling drum speed | min ⁻¹ | variable, 115, 130, 145 | variable, 115, 130, 145 |

Drive

| | | | |
|--|-----------------|---------------|---------------|
| Engine Manufacturer | | Deutz | Deutz |
| Type | | TCD 2012 | TCD 2012 |
| Emission stage | | 3b / 4i | 3b / 4i |
| Cooling | | Liquid cooled | Liquid cooled |
| Number of Cylinders / Displacement | in ³ | 4 / 244 | 4 / 244 |
| Power | kW / hp | 105 / 143 | 105 / 143 |
| Engine Speed | U/min | 2100 | 2100 |
| Electrical Equipment, Generato | V / A | 24 / 80 | 24 / 80 |
| Battery | V / Ah | 2 x 12 / 88 | 2 x 12 / 88 |

Driving Characteristics

| | | | |
|-------------------------------|-----|-------------------|-------------------|
| Milling-radius 3-Wheels | in | 9.6 | 9.6 |
| Milling-radius 4-Wheels | in | 9.6 | 9.6 |
| Transport speed | mph | 0 – 3.73 | 0 – 3.73 |
| Working speed | fpm | 0 – 98.4 variable | 0 – 98.4 variable |

Wheels

| | | | |
|---|----|--------------|--------------|
| Type of wheels | | Solid rubber | Solid rubber |
| Rear wheel size (Ø x B) | in | 22 x 10 | 22 x 10 |
| Front wheel size 3-Wheels (Ø x B) | in | 22 x 10 | 22 x 10 |
| Front wheel size 4-Wheels (Ø x B) | in | 22 x 8 | 22 x 8 |

Capacities

| | | | |
|---------------------|-----|-------|-------|
| Fuel | gal | 60.8 | 60.8 |
| Water | gal | 158.5 | 158.5 |
| Hydraulic oil | gal | 26.4 | 26.4 |

Loading-system

| | | | |
|----------------------------|--------------------|-------|-------|
| Conveyor width | in | 15.7 | 15.7 |
| Theoretical capacity | yd ³ /h | 111 | 111 |
| Discharge height | in | 151.6 | 151.6 |

Weights

| | | | |
|---|----|--------|--------|
| Max. operating weight (incl. Options) | lb | 18.739 | 18.960 |
| Operating weight, CECE (with conveyor) | lb | 16.976 | 17.196 |
| Basic weight (3 wheels, Drum 500, w/o conveyor) | lb | 14.991 | 15.212 |

Weights, Options

| | | | |
|---|----|------|------|
| Additional weight 4-Wheel Version | lb | 463 | 463 |
| Additional weight weather protection roof | lb | 362 | 362 |
| Additional weight split scraper | lb | 110 | 110 |
| Conveyor, long | lb | 1146 | 1146 |
| Conveyor, short | lb | 265 | 265 |

Transport dimensions

| | | | |
|--|----|---------------------|---------------------|
| Machine, L x B x H (Wheel folded in, w/o Canopy) | in | 147 x 52.4 x 100,4 | 147 x 56.3 x 98.4 |
| Machine, L x B x H (with canopy) | in | 147 x 64.4 x 108,3 | 147 x 68.3 x 108.3 |
| Conveyor, long, L x B x H | in | 245.9 x 32.4 x 39.8 | 245.9 x 32.4 x 39.8 |
| Conveyor, short, L x B x H | in | 47.2 x 32.4 x 39.8 | 47.2 x 32.4 x 39.8 |
| Max. distance of loading ramps (3-Wheels) | in | 27.6 | 27.6 |

Technical modifications reserved. Machines may be shown with options.

Standard

Milling technology

- Milling Drum LA15
- 3 Milling-Drum-speeds
- Proportional adjustable water injection
- Automatic water-saving device
- Wear-free, digital Milling-depth-display
- Proportional Milling-depth-adjustment
- Two proportional speeds for Milling-depthadjustment
- 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 operating speed
- Mechanical Drum drive

Operation comfort

- Fully vibration-isolated operator-platform
- Comfort-workstation for sitting operation
- Seat heating
- Ergonomic adjustable operator seat, 45° to slew
- Ergonomic adjustable steering wheel / column
- Height- adjustable arm-rest with integrated ergonomic operation panel
- Self-explanatory, well-arranged dashboard
- Large storage at ground level
- Service- and maintenance-points ergonomic concentrated

Safety & environmental protection

- Whisper-package for noise elimination
- Liquid cooled engine following latest emission rules
- Back-up-alarm
- Two driving lights
- variable working-lights

- Rotary-beacon
- CE-conform safety-package with emergency-stop-switches
- Mirror
- Vandalism protection

Optional

Basic machine

- 4-Wheel-version
- Weather protection roof
- Splitted Scraper
- Port for hydraulik breaker
- Road lights
- Additional working-light, plug in
- Additional working-light, magnet base
- Special colour
- Biodegradable hydraulic oil

Milling technology

- Milling-Drum 600 LA15
- POWER DRUM 500 LA20
- Fine Milling-Drum 600 LA6
- Milling drum 500 LA15
- POWER DRUM 600 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

- Hydraulicbreaker
- Transport trailer

