TECHNICAL DATA

COLD PLANER (TIER 4)
BM 1000/35, BM 1200/35, BM 1300/35
Dimensions in in

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>B_2</th>
<th>H</th>
<th>H_2</th>
<th>H_3</th>
<th>L</th>
<th>L_1</th>
</tr>
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<tr>
<td>BM 1000/35</td>
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<td>100</td>
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### Technical Data

#### Milling Drum
- Milling width max. ............................................. in | 39.4 | 47.2 | 51.2
- Milling depth .................................................. in | 0 – 13 | 0 – 13 | 0 – 13
- Milling line space .......................................... in | 0.6 | 0.6 | 0.6
- Cutting diameter ................................................. in | 38.6 | 38.6 | 38.6
- No. of Tools ....................................................... | 99 | 115 | 121
- Milling Drum Speed .......................................... min⁻¹ | variable, 85, | variable, 85, | variable, 85,

#### Drive
- Engine Manufacturer ......................................... | MTU (Mercedes) | MTU (Mercedes) | MTU (Mercedes)
- Type .............................................................. | Serie 1000 6R | Serie 1000 6R | Serie 1000 6R
- Emission standards .......................................... | 4/4 final | 4/4 final | 4/4 final
- Cooling ........................................................... | Liquid cooled | Liquid cooled | Liquid cooled
- No. of cylinders / Displacement ............................ in³ | 6 / 470 | 6 / 470 | 6 / 470
- Engine Speed ..................................................... U/min | 2,200 | 2,200 | 2,200
- Peak Torque ...................................................... Nm | 1,400 | 1,400 | 1,400
- Consumption at rated Power ................................ g/kWh | 210 | 210 | 210
- Consumption at Job-mix ..................................... gal/h | 6.9 | 6.9 | 6.9
- Generator ......................................................... V / A | 28 / 150 | 28 / 150 | 28 / 150
- Battery .............................................................. V / Ah | 2 x 12 / 155 | 2 x 12 / 155 | 2 x 12 / 155

#### Driving Characteristics
- Transport-speed .................................................. mph | 0 – 4.7 | 0 – 4.7 | 0 – 4.7
- Operating-speed .................................................. mph | 0 – 1.9 | 0 – 1.9 | 0 – 1.9
- Crawler size L x W x H ....................................... in | 56.1 x 10.6 x 22.4 | 56.1 x 10.6 x 22.4 | 56.1 x 10.6 x 22.4

#### Capacities
- Fuel ................................................................. gal | 158.5 | 158.5 | 158.5
- Water ............................................................... gal | 383 | 383 | 383
- Hydraulic .......................................................... gal | 39.6 | 39.6 | 39.6

#### Loading-system
- Conveyor width, inside / outside ......................... in | 171.7 / 158.5 | 171.7 / 158.5 | 171.7 / 158.5
- Theoretical capacity ......................................... yd³/h | 235.4 | 235.4 | 235.4
- Discharge height .............................................. in | 224.4 | 224.4 | 224.4

#### Weights
- Max. Operating weight (incl. Options) ...................... t | 25.5 | 26.5 | 26.7
- Operating weight CE ........................................... t | 22.6 | 23.6 | 23.8
- Basic weight ...................................................... t | 21.5 | 22.5 | 22.7

#### Additional weights for Options
- Weather protection roof .................................... lb | 396.8 | 396.8 | 396.8
- Dust reduction ................................................... lb | 308.6 | 308.6 | 308.6
- Splitted Scraper ................................................. lb | 440.9 | 440.9 | 440.9
- Quick Drum exchange system ............................. lb | 220.5 | 220.5 | 220.5
- Fine-milling-drum LA8 ....................................... lb | 661.4 | 661.4 | 661.4
- Ballast 1, frame ................................................ lb | 1,102.3 | 1,102.3 | 1,102.3
- Ballast 2, milling compartment .......................... lb | 881.8 | 881.8 | 881.8

Technical modifications reserved. Machines may be shown with options.
Standard
Milling technology
- Milling Drum LA15
- BOMAG BMS 15 exchangeable toolholder
- 3 Milling-Drum-speeds
- Proportional adjustable water injection
- Automatic water saving device
- Water filling pump
- 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
- Hydraulically foldable Conveyor

Drive Systems
- 4-Crawlers
- Rear right crawler steerable
- Variable transport speed
- Variable operating speed
- Mechanical Drum-drive

Operation comfort
- Fully vibration-isolated operator-platform
- Comfort-workstation for sitting operation
- 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
- Variable placeable working-lights
- Rotary-beacon
- Mirror
- CE-conform safety-package with emergency-stop-switches
- Back-up-alarm
- Vandalism protection

Optional
Basic machine
- Weather protection roof
- High pressure cleaner
- Dust reduction system
- Auxiliary Drum Drive for easy tool exchange
- Road lights
- Additional working-light, plug in
- Additional working-light, magnet base
- Ballast weights
- Seat heating
- Special colour
- Biodegradable hydraulic oil
- Hydraulically foldable conveyor, short
- Quick-exchange drum-system

Milling technology
- Milling-Drum 600 LA15
- Milling-Drum 900 LA15
- Milling-Drum 1000 LA15
- Milling-Drum 1200 LA15
- Milling-Drum 1300 LA15
- Fine-Milling-Drum 1000 LA8
- Fine-Milling-Drum 1200 LA8
- Fine-Milling-Drum 1300 LA8
- POWER DRUM 1000 LA22
- POWER DRUM 1200 LA22
- POWER DRUM 1300 LA22
- Splitted Scraper
- Additional Milling Drum Bearing

Levelling Systems and electronic support
- Levelling, 2 sides + slope
- Camera
- BOMAG TELEMATIC

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