TECHNICAL DATA

COLD PLANER
BM 1000/30, BM 1200/30, BM 1300/30 TIER 4
The following factors greatly influence performance when the equipment is employed practically: Different milling material, waiting for lorries, traffic hold-ups, road installations such as manhole covers, hydrants, etc.

### BM 1000/30
- **Calculated for asphalt of average hardness**
- **Rate of advance V (m/min)**
  - 4: 18 - 24
  - 8: 12 - 16
  - 12: 9 - 12
  - 16: 6,5 - 9
  - 24: 3,5 - 5
  - 32: 2 - 3
- **Area output Ft (m²/h) (Theoretical)**
  - 4: 1100 - 1450
  - 8: 700 - 1000
  - 12: 550 - 700
  - 16: 400 - 550
  - 24: 200 - 300
  - 32: 120 - 200
- **Milling volume Qt (m³/h) (Theoretical)**
  - 4: 44 - 58
  - 8: 56 - 80
  - 12: 66 - 84
  - 16: 64 - 88
  - 24: 48 - 72
  - 32: 39 - 64

### BM 1200/30
- **Calculated for asphalt of average hardness**
- **Rate of advance V (m/min)**
  - 4: 15 - 20
  - 8: 10 - 13
  - 12: 7 - 10
  - 16: 5,5 - 7,5
  - 24: 2,5 - 4,5
  - 32: 1,5 - 3
- **Area output Ft (m²/h) (Theoretical)**
  - 4: 1080 - 1450
  - 8: 720 - 936
  - 12: 504 - 720
  - 16: 396 - 540
  - 24: 180 - 324
  - 32: 108 - 216
- **Milling volume Qt (m³/h) (Theoretical)**
  - 4: 43 - 57
  - 8: 57 - 75
  - 12: 60 - 86
  - 16: 63 - 86
  - 24: 43 - 77
  - 32: 34 - 69

### BM 1300/30
- **Calculated for asphalt of average hardness**
- **Rate of advance V (m/min)**
  - 4: 13 - 19
  - 8: 9 - 12
  - 12: 7 - 9
  - 16: 5 - 7
  - 24: 2,5 - 4
  - 32: 1 - 2,5
- **Area output Ft (m²/h) (Theoretical)**
  - 4: 1000 - 1450
  - 8: 700 - 950
  - 12: 550 - 700
  - 16: 400 - 550
  - 24: 200 - 300
  - 32: 80 - 200
- **Milling volume Qt (m³/h) (Theoretical)**
  - 4: 42 - 58
  - 8: 56 - 76
  - 12: 66 - 84
  - 16: 64 - 88
  - 24: 48 - 72
  - 32: 26 - 64

The factors greatly influence performance when the equipment is employed practically. Different milling material, waiting for lorries, traffic hold-ups, road installations such as manhole covers, hydrants, etc.
## Technical Data

### Milling Drum
- **Milling width max**: 1,000 mm, 1,200 mm, 1,300 mm
- **Milling depth**: 0 – 320 mm, 0 – 320 mm, 0 – 320 mm
- **Milling line space**: 15 mm, 15 mm, 15 mm
- **Cutting diameter**: 980 mm, 980 mm, 980 mm
- **No. of Tools**: 99, 115, 121
- **Milling Drum Speed**: 111 min⁻¹

### Drive
- **Engine Manufacturer**: CAT, CAT, CAT
- **Type**: C7.1 ACERT, C7.1 ACERT, C7.1 ACERT
- **Emission standards**: 4/4 final, 4/4 final, 4/4 final
- **No. of cylinders / Displacement**: 6 / 7.000 cm³, 6 / 7.000 cm³, 6 / 7.000 cm³
- **Power**: 205 / 280 kW / PS, 205 / 280 kW / PS, 205 / 280 kW / PS
- **Engine Speed**: 2,200 U/min, 2,200 U/min, 2,200 U/min
- **Peak Torque**: 1,257 Nm, 1,257 Nm, 1,257 Nm
- **Consumption at max. Torque**: 212 g/kWh, 212 g/kWh, 212 g/kWh
- **Consumption at rated Power**: 231 g/kWh, 231 g/kWh, 231 g/kWh
- **Consumption at Job-mix**: 26 l/h, 26 l/h, 26 l/h
- **Generator**: 2 x 24 V
- **Battery**: 2 x 12 / 132 V / Ah

### Capabilities
- **Transport-speed**: 0 – 6 km/h, 0 – 6 km/h, 0 – 6 km/h
- **Operating-speed**: 0 – 28 m/min, 0 – 28 m/min, 0 – 28 m/min
- **Crawler size L x W x H**: 1,275 x 268 x 570 mm, 1,275 x 268 x 570 mm, 1,275 x 268 x 570 mm

### Capacities
- **Fuel**: 450 l, 450 l, 450 l
- **AdBlue**: 40 l, 40 l, 40 l
- **Water**: 1,250 l, 1,250 l, 1,250 l
- **Hydraulic**: 130 l, 130 l, 130 l

### Loading-system
- **Conveyor width, inside / outside**: 600 / 600 mm, 600 / 600 mm, 600 / 600 mm
- **Theoretical capacity**: 170 m³/h, 170 m³/h, 170 m³/h
- **Discharge height**: 4,600 mm, 4,600 mm, 4,600 mm

### Weights
- **Max. Operating weight (incl. Options)**: 20.000 kg, 20.350 kg, 20.550 kg
- **Operating weight CE**: 19.150 kg, 19.500 kg, 19.700 kg
- **Basic weight**: 18.715 kg, 19.065 kg, 19.265 kg

### Additional weights for Options
- **Weather protection roof**: 150 kg, 150 kg, 150 kg
- **Fine-milling-drum LA8**: 300 kg, 300 kg, 300 kg

Technical modifications reserved. Machines may be shown with options.
**Standard**

**Milling technology**
- Milling Drum LA15
- BOMAG BMS 15 exchangeable toolholder
- Proportional adjustable water injection
- Levelling, 2 sides + slope
- Hydraulically operated side-plates
- Hydraulically operated front mouldboard
- Rear mouldboard with adjustable pre-load-pressure
- Automatic load-control
- Automatic distribution of traction
- Hydraulically foldable Conveyor

**Optional**

**Basic machine**
- Weather protection roof
- Water filling pump
- High pressure cleaner
- compressed air system
- Road lights
- Special colour
- Biodegradable hydraulic oil

**Milling technology**
- Milling-Drum 1000, BMS15, LA15
- Milling-Drum 1200, BMS15, LA15
- Milling-Drum 1300, BMS15, LA15
- Fine-Milling-Drum 1000, BMS15, LA8
- Fine-Milling-Drum 1200, BMS15, LA8
- Fine-Milling-Drum 1300, BMS15, LA8
- POWER DRUM 1000, BMS15, LA22
- POWER DRUM 1200, BMS15, LA22
- POWER DRUM 1300, BMS15, LA22

**Levelling Systems and electronic support**
- BOMAG TELEMATIC

**Drive Systems**
- 4-Crawlers
- 4 crawler steerable, front or/rear
- Crabwalk
- Automatic distribution of traction
- Variable transport speed
- Variable operating speed
- Mechanical Drum-drive

**Operation comfort**
- Comfort-workstation for sitting operation
- Ergonomic side-shifting of operator seat
- Self-explanatory, well-arranged dashboards
- Ground control panels
- Service- and maintenance-points ergonomic concentrated

**Safety & environmental protection**
- Liquid cooled engine following latest emission rules
- SCR-Cat with Add-blue
- Whisper-package for noise elimination
- Variable placeable working-lights
- Rotary-beacon
- Mirrors