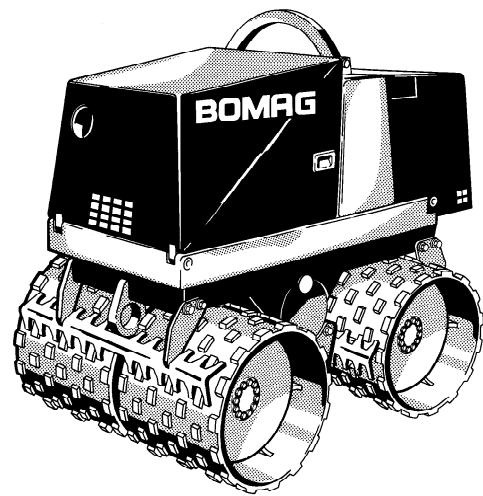


# BOMAG

## MULTI PURPOSE COMPACTOR BMP 851

### PERFORMANCE DATA



| Machine type | Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses |            |            |
|--------------|---|------------|------------|
|              | Gravel, sand  | mixed soil | Silt, clay |
| BMP 851      | 52-82   | 52-82      | 30-40      |

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# Technical Data

Shipping dimensions in m3

BMP 851

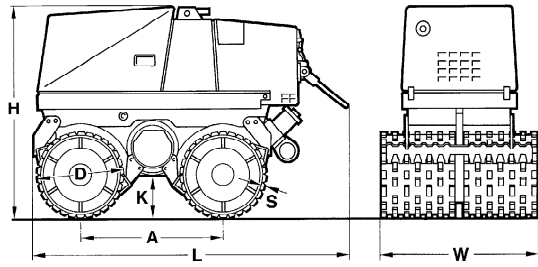
1,795

## Standard Equipment

- All-drum-drive
- Skid steering
- Central Vibrator
- Autom. or manual changing of vibrator shaft rotation
- Two travel speed ranges
- Vibration lock at too high travel speed
- Electric starter
- Hydrost. service brake
- Hydro-mechanical parking brake
- Back-up drive protection
- Pad foot drum 850mm
- 2 scrapers per drum
- Highly wear resistant drum
- Hour meter
- Diagnostic module with fault code display
- Battery disconnect switch
- Diesel filter with water separator
- Automatic shutdown at low oil level
- Automatic engine shut down at a lateral tipping angle of > 45°
- Armoured shell made of high-strength fine grain steel
- Single point lifting device, foldable
- Lockable engine cover and dash board
- Superstructure and base frame made of thick-wall cast iron
- Easy Service concept

## Optional Equipment

- Padfoot drum extension set  
Working width 610/850mm
- Combination remote control cable/radio
- Combination remote control cable/infrared
- Environmentally compliant hydraulic oil
- Special painting



## Dimensions in mm

|         | A   | D   | H    | K   | L    | S  | W   |
|---------|-----|-----|------|-----|------|----|-----|
| BMP 851 | 820 | 500 | 1200 | 240 | 1760 | 25 | 850 |

## Technical Data

### Weights

|                              |    |       |
|------------------------------|----|-------|
| Operating weight CECE .....  | kg | 1.548 |
| Basic weight .....           | kg | 1.540 |
| Average axle load CECE ..... | kg | 774   |

### Dimensions

|                           |    |     |
|---------------------------|----|-----|
| Basic working width ..... | mm | 850 |
|---------------------------|----|-----|

### Driving Characteristics

|   |      |       |
|---|------|-------|
| Speed (1), forward .....                  | km/h | 1,2   |
| Speed (1), reverse .....                  | km/h | 1,2   |
| Speed (2), forward .....                  | km/h | 2,7   |
| Speed (2), reverse .....                  | km/h | 2,7   |
| Max. gradeability without/with vibr. .... | %    | 55/45 |

### Drive

|                            |       |          |
|----------------------------|-------|----------|
| Engine manufacturer .....  |       | Hatz     |
| Type .....                 |       | 2G 40    |
| Cooling .....              |       | air      |
| Number of cylinders .....  |       | 2        |
| Performance ISO 9249 ..... | kW    | 13,8     |
| Speed .....                | min-1 | 2.800    |
| Fuel .....                 |       | diesel   |
| Drive system .....         |       | hydrost. |
| Driven drum .....          |       | 4        |

### Brakes

|                     |  |           |
|---------------------|--|-----------|
| Service brake ..... |  | hydrost.  |
| Parking brake ..... |  | hydromec. |

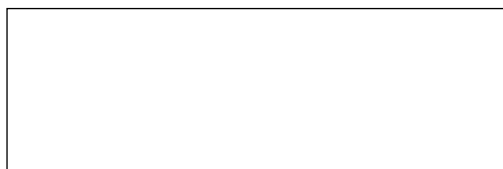
### Exciter system

|                         |    |                  |
|-------------------------|----|------------------|
| Vibrating drum .....    |    | Central Vibrator |
| Drive system .....      |    | hydraulic        |
| Frequency .....         | Hz | 32               |
| Amplitude .....         | mm | 2,10             |
| Centrifugal force ..... | kN | 80               |

### Capacities

|            |   |    |
|------------|---|----|
| Fuel ..... | l | 19 |
|------------|---|----|

Technical modifications reserved. Machines may be shown with options.



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