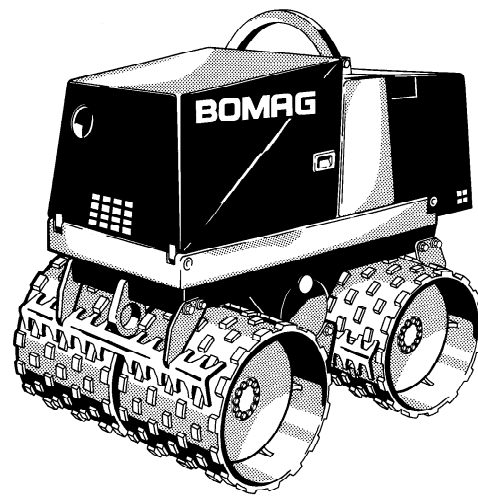


# BOMAG

**FAYAT GROUP**

## 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

# Technical Data

Shipping dimensions in m3

BMP 851

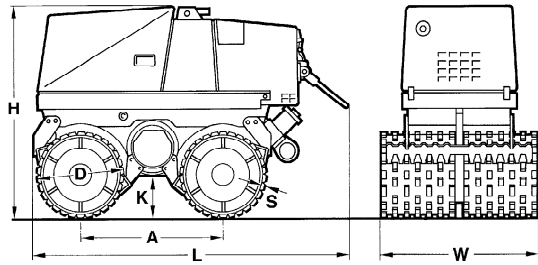
1,795

## Standard

- All-drum-drive
- Skid steering
- Cable remote control
- Central exciter
- Autom. or manual changing of vibrator shaft rotation
- Two travel speed ranges
- Intelligent Vibration Control (IVC)
- Electric starter
- Hydrost. service brake
- Hydro-mechanical parking brake
- Back-up drive protection
- 2 scrapers per drum
- Battery disconnect switch
- Automatic shutdown at low oil level
- Automatic engine shut down at a lateral tipping angle of > 45°
- Fully closed engine protection hood made of high-strength steel
- Single point lifting device, foldable
- Lockable engine cover and dash board
- Easy Service Concept
  - Diagnostic module with fault code display
  - Hour meter
  - foldable full protection hood

## Options

- Drum extensions (610/850mm)(+156kg)
- Combination remote control cable/radio
- Environmentally compliant hydraulic oil
- Special painting
- Mobile quick charger



## 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
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### 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.

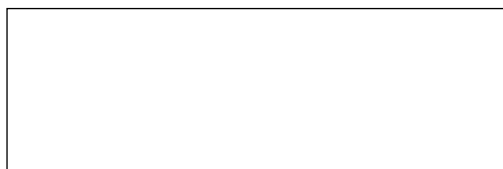
### Exciter system

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

### Capacities

Fuel .....	l	19
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Technical modifications reserved. Machines may be shown with options.



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