



# TECHNICAL DATA

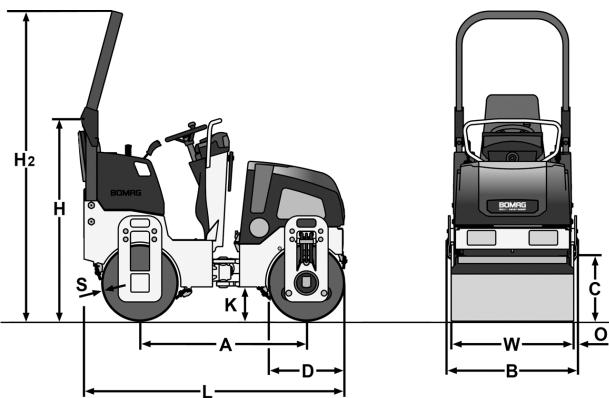
TANDEM ROLLERS

BW 900-50



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#### Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
<b>BW 900-50</b>	1223	961	450	560	1727	2290	250	1967	31	8	900

#### Shipping dimensions in m<sup>3</sup>

**BW 900-50**

**without ROPS**

3,265

**with ROPS**

4,901

Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
<b>BW 900-50</b>	50-100	35-70	30-55

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
<b>BW 900-50</b>	10-25	20-40	30-60

**Technical Data****BOMAG  
BW 900-50****Weights**

Operating weight CECE .....	kg	1.200
Average axle load CECE .....	kg	599
Average static linear load CECE .....	kg/cm	6,7

**Dimensions**

Working width .....	mm	900
Track radius, inner .....	mm	1.647

**Driving Characteristics**

Working speed with vibration .....	km/h	0- 4,0
Max. travel speed .....	km/h	0- 8,7
Max. gradeability without/with vibr. ....	%	40/30

**Drive**

Engine manufacturer .....		Honda
Type .....		GX 630
Cooling .....		air
Number of cylinders .....		2
Performance SAE J 1349 .....	kW	14,9
Speed .....	min-1	3.300
Electric equipment .....	V	12
Drive system .....		hydrost.
Driven drum .....		2

**Brakes**

Service brake .....		hydrost.
Parking brake .....		mech.

**Steering**

Steering system .....		oscil.artic.
Steering method .....		hydrost.
Steering angle +/- .....	grad	33
Oscillating angle +/- .....	grad	6

**Exciter system**

Vibrating drum .....		front
Drive system .....		hydrost.
Frequency .....	Hz	70
Amplitude .....	mm	0,50
Centrifugal force .....	kN	15

**Sprinkler System**

Type of sprinkling .....		pressure
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**Capacities**

Fuel .....	l	27,0
Water .....	l	137,0

Technical modifications reserved. Machines may be shown with options.

**Standard Equipment**

- Hydrostatic travel and vibration drive
- Travel drive in series
- Front drum vibration
- Vibration control in travel lever
- Oscillating artic. center joint
- Hydrostatic articulated steering
- Mechanical parking brake
- 2 scrapers per drum
- Plastic water tank
- Pressure sprinkler system
- Hour meter
- Low fuel level indicator
- Control and warning indicator lights
- Automatic shutdown at low oil level
- Lockable anti vandal dashboard protection
- Seat belt
- Single point lifting device
- Transport lashing and lifting points front/rear
- Lockable engine cover
- Emergency engine shut down
- Corrosion and weather protected ignition switch
- Back-up alarm

**Optional Equipment**

- ROPS
- Foldable ROPS
- Working lights front and rear

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