

Vibratory towed rollers

6 t



Tecnicl data/Equipment

The towed roller was exclusively developed for the compaction of earthworks; frequency, amplitude and vibrating mass were determined accordingly. The steel frame with its high ground clearance together with the transversely arranged diesel engine allow compaction work on slopes of up to 40 degrees. High reliability is achieved by the oscillationfree mounted vibration drive. Apart from this, BOMAG towed rollers are designed for low maintenance.



BW 6 S with towing hitch (optional equipment)

Standard Equipment

- Electric starter
- Electric remote control for vibration
- Acoustic engine monitoring for oil pressure, V-belt, generator
- Adjustable scrapers
- Fuel gauge, Operating hour meter
- Dry air cleaner

Optional Equipment

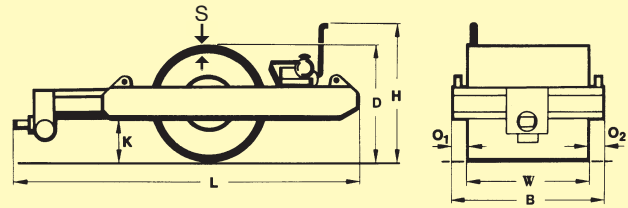
- Sheepsfoot drum conversion kit
- Heavy-duty reinforced drum (38 mm/+ 1000 kg)
- Special paint finish
- Towing hitch (NATO)
- Tool set

Recommendation

- Working speed 2-4 km/h (1.2-2.5 mph)
- Transport speed 8 km/h (5 mph)

Recommendation for towing vehicle:

- Engine power 45-60 kW (61.6-81.6 hp) depending on soil conditions
- Speed min. 1,5 km/h (0.9 mph)



Dimensions in mm

	B	D	H	K	L	O ₁	O ₂	W	S
BW 6	2080	1500	1820	510	4950	190	190	1700	22

Machine type	Soil type			
	rock	gravel, sand	mixed soils	(coarse) clay
	Thickness of compacted layer (m)			
BW 6	0,80	0,60	0,45	0,25
BW 6 S	0,80	0,60	0,45	0,30
	Compaction output (m ³ /h)			
BW 6	470-940	360-720	270-540	180-360
BW 6 S	470-940	360-720	270-540	210-420

BW 6 S	2080	1550	1850	535	4950	190	190	1700	16
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Technical data

Weights

	Unit	BW 6	BW 6 S
Basic weight	kg	5800	6700
Operating weight (CECE)	kg	5876	6776
Static linear load (CECE)	kg/cm	34,6	-

Dimensions

Deviations		see illustration	see illustration
Number of pad feet	mm	-	96
Height of pad feet	mm	-	100
Projection angle front	Grad	9	9
Projection angle rear	Grad	16	16
Max. inclination front	Grad	24	24
Max. inclination rear	Grad	24	24
Tilting angle, left/right	Grad	25	25

Drive

	BW 6	BW 6 S
Engine manufacturer	Deutz	Deutz
Type	F3L 914	F3L 914
Cooling	air	air
Number of cylinders	3	3
Power (TIER II)	kW/hp	37/50
Speed	min-1	2300
Fuel	Diesel	Diesel

Vibration system

Drive	BW 6	BW 6 S
Drive	mech. centri-fugal clutch	mech. centri-fugal clutch
Frequency	Hz	28
Amplitude	mm	1,53
Centrifugal force	kN/t	118/12

Electrical equipment

Battery, voltage/capacity	V/Ah	12/143	12/143
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Towing hitch

Bore diameter	mm	45,5	45,5
Thickness of coupling	mm	60	60

Capacities

Fuel	l	90	90
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The machines illustrated may show optional equipment which can be supplied at additional cost. Specifications may change without notice.

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