

## SINGLE DRUM VIBRATORY ROLLERS BW 177 D-4, BW 177 PD-4

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 177 D-4	-	210-420	160-320	70-140
BW 177 PD-4	-	210-420	160-320	95-190

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 177 D-4	-	0,45	0,35	0,15
BW 177 PD-4	-	0,45	0,35	0,20

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 177 D-4	20,070	25,798
BW 177 PD-4	20,070	25,798

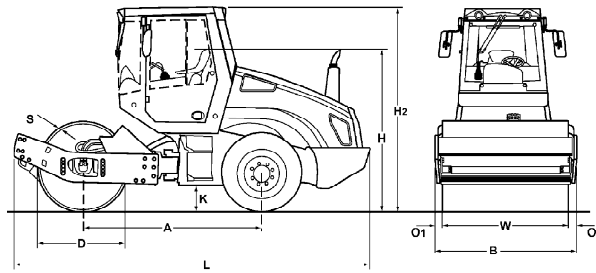
## Standard

- Warning, information and operation displays with round gauge
- Hydrostatic travel and vibration drive
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Warning horn
- Single lever control for travel and vibration
- Contact scrapers Plastic(D)
- Scrapers Steel(PD)
- Emergency STOP
- Noise insulation
- Back-up warning system

## Options

- \* ROPS/FOPS cabin with seat belts
- \*Shock-mounted swivel seat, adjustable in height and length (Cabin)
- \* Working lights front/rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (D)
- Contact scrapers Steel(D)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Ballast front (300kg)
- Sun roof
- Slideable seat
- Radio
- Protective ventilation system

\* Standard delivery with CE conformity (valid within European Union)



## Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 177 D-4	2500	1836	1228	2225	2860	375	4913	75	75	25	1686
BW 177 PD-4	2500	1836	1208	2225	2860	375	4913	75	75	15	1686

## Technical Data

### Weights

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Grossweight .....	kg 8.870	8.300
Operating weight CECE w. ROPS-cabin .....	kg 7.500	7.760
Axle load, drum CECE .....	kg 4.190	4.450
Axle load, wheels CECE .....	kg 3.310	3.310
Static linear load CECE .....	kg/cm 24,9	

### Dimensions

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Working width .....	mm 1.686	1.686
Track radius, inner .....	mm 3.132	3.132

### Driving Characteristics

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Speed (1) .....	km/h 0- 7,0	0- 6,0
Speed (2) .....	km/h 0- 11,0	0- 10,0
Max. gradeability without/with vibr. ....	% 51/48	53/51

### Drive

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Engine manufacturer .....	Deutz	Deutz
Type .....	TD 2011 L04 i	TD 2011 L04 i
Cooling .....	oil	oil
Number of cylinders .....	4	4
Performance ISO 3046 .....	kW 54	54
Performance SAE J 1995 .....	hp 73	73
Speed .....	min-1 2.400	2.400
Fuel .....	diesel	diesel
Electric equipment .....	V 12	12
Drive system .....	hydrost. standard	hydrost. standard

### Drums and Tyres

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Tyre size .....	14.9-24/8PR	14.9-24/6PR
Number of pad feet .....		104
Height of pad feet .....	mm 80	80
Area of one pad foot .....	cm2 99	99

### Brakes

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Service brake .....	hydrost.	hydrost.
Parking brake .....	hydromec.	hydromec.

### Steering

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Steering system .....	oscil.artic.	oscil.artic.
Steering method .....	hydrost.	hydrost.
Steering / oscillating angle +/- .....	grad 35/12	35/12

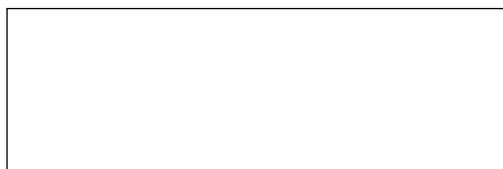
### Exciter system

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Drive system .....	hydrost.	hydrost.
Frequency (1) .....	Hz 30	30
Frequency (2) .....	Hz 40	40
Amplitude .....	mm 1,90/0,95	1,75/0,88
Centrifugal force .....	kN 135/120	135/120
Centrifugal force .....	t 13,8/12,2	13,8/12,2

### Capacities

	BOMAG BW 177 D-4	BOMAG BW 177 PD-4
Fuel .....	l 150	150

Technical modifications reserved. Machines may be shown with options.



**BOMAG**  
Hellerwald  
D-56154 Boppard  
P.O. Box 5162  
Tel. (0)6742 - 1000  
Fax (0)6742 - 3090  
Fax (0)6742 - 3090

**BOMAG**  
FAYAT GROUP