

SINGLE DRUM VIBRATORY ROLLERS BW 177 DH-4, BW 177 PDH-4

PERFORMANCE DATA



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

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

Technical Data

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

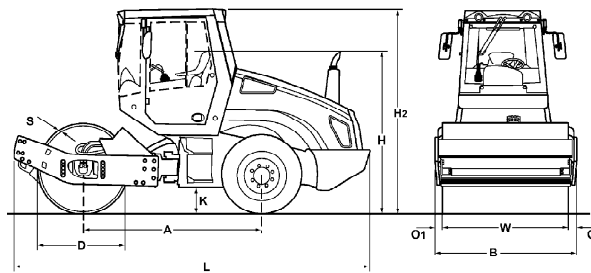
Standard

- BOMAG ECOMODE
- Warning, information and operation displays with LCD
- Hydrostatic travel and vibration drive
- Anti Slip Control (ASC)
- 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(DH)
- Scrapers Steel(PDH)
- Emergency STOP
- Noise insulation
- Back-up warning system
- Shock-mounted swivel seat, adjustable in height and length (Cabin)

Options

- * ROPS/FOPS cabin with seat belts
- * Working lights front/rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Indicator and hazard lights
- Padfoot segment kit (DH)
- Contact scrapers Steel(DH)
- 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
- Blade

* 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 DH-4	2500	1836	1228	2225	2860	375	4913	75	75	25	1686
BW 177 PDH-4	2500	1836	1208	2225	2860	375	4913	75	75	15	1686

Technical Data

Weights

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Grossweight	9.800 kg	9.100 kg
Operating weight CECE w. ROPS-cabin	7.840 kg	8.100 kg
Axle load, drum CECE	4.200 kg	4.460 kg
Axle load, wheels CECE	3.640 kg	3.640 kg
Static linear load CECE	24,9 kg/cm	

Dimensions

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Working width	1.686 mm	1.686 mm
Track radius, inner	3.132 mm	3.132 mm

Driving Characteristics

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Speed	0- 14,0 km/h	0- 14,0 km/h
Max. gradeability without/with vibr.	58/55 %	60/58 %

Drive

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Engine manufacturer	Deutz	Deutz
Type	TCD 2011 L04 w	TCD 2011 L04 w
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	74,9 kW	74,9 kW
Performance SAE J 1995	101 hp	101 hp
Speed	2.300 min-1	2.300 min-1
Fuel	diesel	diesel
Electric equipment	12 V	12 V
Drive system	hydrost.	hydrost.
Drum driven	standard	standard

Drums and Tyres

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Tyre size	14.9-24/8PR	14.9-24/6PR
Number of pad feet		104
Height of pad feet		80 mm
Area of one pad foot		99 cm ²

Brakes

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

Steering

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

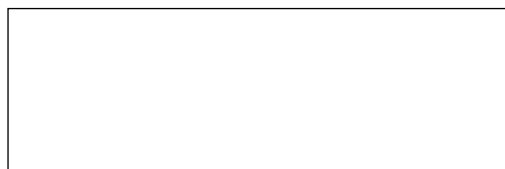
Exciter system

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

Capacities

	BOMAG BW 177 DH-4	BOMAG BW 177 PDH-4
Fuel	150 l	150 l

Technical modifications reserved. Machines may be shown with options.



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