



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

PERFORMANCE DATA



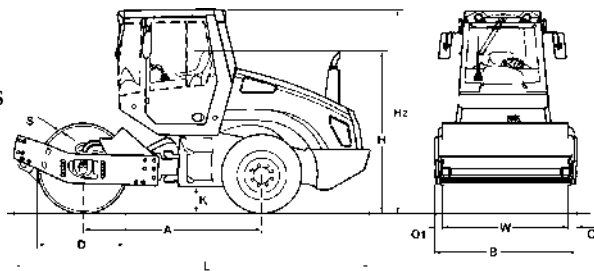
Machine type	Compaction output (m ³ /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 177 DH-4	-	210-420	160-320	70-140
BW 177 PDH-4	-	210-420	160-320	95-190

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 Equipment

- ☒ 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)

Optional Equipment

- ☐ * 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 (Bluetooth)
- ☐ 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

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

Dimensions

Working width	mm	1.686	1.686
Track radius, inner	mm	3.132	3.132

Driving Characteristics

Speed	km/h	0- 14,0	0- 14,0
Max. gradeability without/with vibr.	%	58/55	60/58

Drive

Engine manufacturer	Deutz	Deutz
Type	TCD 2011 L04 w	TCD 2011 L04 w
Emission stage	3a/3	3a/3
Cooling	water	water
Number of cylinders	4	4
Performance ISO 3046	kW	74,9
Performance SAE J 1995	hp	101,0
Speed	min-1	2.300
Fuel	diesel	diesel
Electric equipment	V	12
Drive system	hydrost.	hydrost.
Drum driven	standard	standard

Drums and Tyres

Tyre size	14.9-24/8PR	14.9-24/6PR
Number of pad feet		104
Height of pad feet	mm	80
Area of one pad foot	cm2	99

Brakes

Service brake	hydrost.	hydrost.
Parking brake	hydromec.	hydromec.

Steering

Steering system	oscil.artic.	oscil.artic.
Steering method	hydrost.	hydrost.
Steering / oscillating angle +/-	grad	35/12

Exciter system

Drive system	hydrost.	hydrost.
Frequency (1)	Hz	30
Frequency (2)	Hz	40
Amplitude	mm	1,90/0,95
Centrifugal force	kN	135/120
Centrifugal force	t	13,8/12,2

Capacities

Fuel	l	150,0	150,0
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Technical modifications reserved. Machines may be shown with options.



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