

## SINGLE DRUM VIBRATORY ROLLERS BW 179 DH-4, BW 179 PDH-4

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 179 DH-4	370-740	240-480	190-380	95-190
BW 179 PDH-4	370-740	240-480	190-380	140-280

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 179 DH-4	0,80	0,50	0,40	0,20
BW 179 PDH-4	0,80	0,50	0,40	0,25

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 179 DH-4	22,329	28,702
BW 179 PDH-4	22,329	28,702

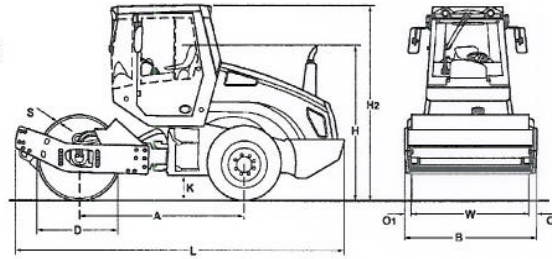
## Standard

- 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
- Shock-mounted swivel seat, adjustable in height and length (Cabin)
- Contact scrapers (DH:Plastic)
- Scrapers (PDH:Steel)
- Emergency STOP
- Noise insulation
- Back-up warning system

## Options

- \* ROPS/FOPS cabin with seat belts
- \* Working lights front/rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Padfoot segment kit (DH)
- Contact scrapers (Steel)
- BOMAG Evib-Meter (BEM)
- TERRAMETER BTM prof
- BCM 05 Documentation system
- Special painting
- Environmentally compliant hydraulic oil
- Air condition
- Sun roof
- Indicator and hazard lights
- 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 179 DH-4	2565	2016	1228	2225	2860	375	4978	165	165	25	1686
BW 179 PDH-4	2565	2016	1208	2225	2860	375	4978	165	165	15	1686

## Technical Data

### Weights

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Grossweight .....	10.500 kg	9.860 kg
Operating weight CECE w. ROPS-cabin .....	9.400 kg	9.660 kg
Axle load, drum CECE .....	5.520 kg	5.780 kg
Axle load, wheels CECE .....	3.880 kg	3.880 kg
Static linear load CECE .....	32,7 kg/cm	

### Dimensions

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Working width .....	1.686 mm	1.686 mm
Track radius, inner .....	3.132 mm	3.132 mm

### Driving Characteristics

	BOMAG BW 179 DH-4	BOMAG BW 179 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 179 DH-4	BOMAG BW 179 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. standard	hydrost. standard

### Drums and Tyres

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Number of pad feet .....		104
Area of one pad foot .....		99 cm2
Height of pad feet .....		80 mm
Tyre size .....	14.9-24/8PR	14.9-24/6PR

### Brakes

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Service brake .....	hydrost.	hydrost.
Parking brake .....	hydromec.	hydromec.

### Steering

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Steering system .....	oscil.artic.	oscil.artic.
Steering method .....	hydrost.	hydrost.
Steering / oscillating angle +/- .....	35/12 grad	35/12 grad

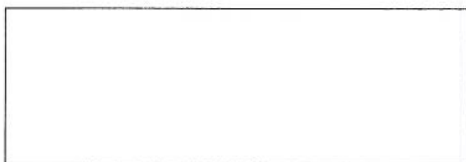
### Exciter system

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Drive system .....	hydrost.	hydrost.
Frequency (1) .....	30 Hz	30 Hz
Frequency (2) .....	40 Hz	40 Hz
Amplitude .....	1,90/0,95 mm	1,75/0,90 mm
Centrifugal force .....	135/120 kN	135/120 kN
Centrifugal force .....	13,8/12,2 t	13,8/12,2 t

### Capacities

	BOMAG BW 179 DH-4	BOMAG BW 179 PDH-4
Fuel .....	150 l	150 l

Technical modifications reserved. Machines may be shown with options.



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