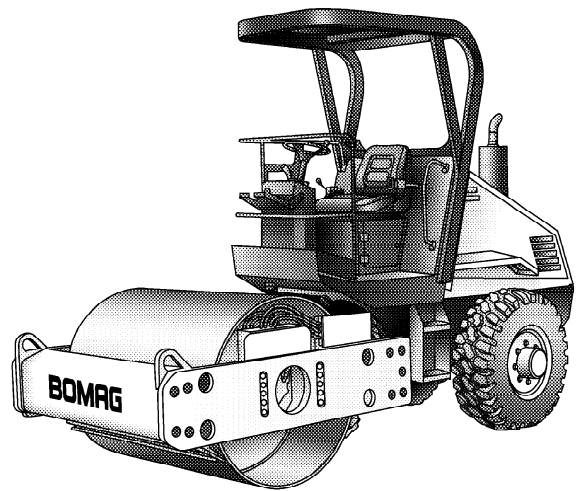


## SINGLE DRUM VIBRATORY ROLLERS BW 145 D, BW 145 DH, BW 145 PDH

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 145 D	-	160-320	120-240	60-120
BW 145 DH	-	160-320	120-240	60-120
BW 145 PDH	-	160-320	120-240	80-160

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 145 D	-	0,40	0,30	0,15
BW 145 DH	-	0,40	0,30	0,15
BW 145 PDH	-	0,40	0,30	0,20

# Technical Data

## Shipping dimensions in m3

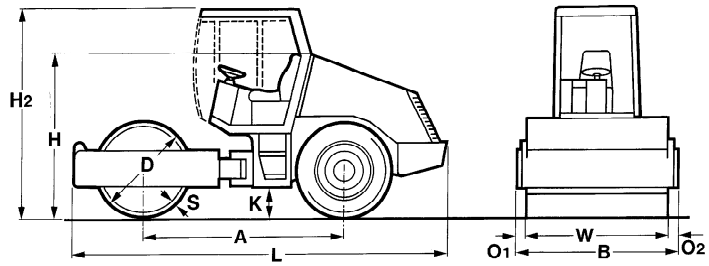
	without ROPS	with ROPS
<b>BW 145 D</b>	12,319	17,831
<b>BW 145 DH</b>	12,319	17,831
<b>BW 145 PDH</b>	12,319	17,831

## Standard

- Hydrostatic travel and vibration drive
- Double pump system for travel drive (DH/PDH)
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- Differential lock
- Hour meter
- Warning horn
- Fuel level indicator
- Audio/visual warning indicators:
  - Engine oil pressure
  - Engine temperature
  - Hydraulic oil filter
  - Air filter vacuum
  - Brake control
  - Charge control
- Single lever control for travel and vibration
- Adjustable operator's seat
- Scrapers (D/DH,Plastic)
- Scrapers (PDH,Steel)
- Towing eyes front/rear
- Emergency STOP
- Back-up warning system

## Options

- ROPS cabin with seat belts
- Working lights front/rear
- ROPS/FOPS with safety belt
- Lockable control panel
- Rotary beacon
- Indicator and hazard lights
- Dozer blade (DH/PDH)
- Special painting
- Environmentally compliant hydraulic oil
- Ballast front (210kg)
- Padfoot segment kit (D)



## Dimensions in mm

	A	B	D	H	H2	K	L	O1	O1	S	W
<b>BW 145 D</b>	2222	1546	1058	1900	2750	313	4194	60	60	22	1426
<b>BW 145 DH</b>	2222	1546	1058	1900	2750	313	4194	60	60	22	1426
<b>BW 145 PDH</b>	2222	1546	1044	1900	2750	313	4194	60	60	15	1426

## Technical Data

	BOMAG BW 145 D	BOMAG BW 145 DH	BOMAG BW 145 PDH
<b>Weights</b>			
Grossweight .....	5.000 kg	5.100	6.050
Operating weight CECE w. ROPS-cabin .	5.050 kg	5.100	5.400
Axle load, drum CECE .....	2.620 kg	2.680	3.000
Axle load, wheels CECE .....	2.380 kg	2.420	2.400
Static linear load CECE .....	18,4 kg/cm	18,8	

## Dimensions

Working width .....	1.426 mm	1.426	1.426
Track radius, inner .....	2.780 mm	2.780	2.780

## Driving Characteristics

Speed (1) .....	0- 6,2 km/h	0- 5,0	0- 5,0
Speed (2) .....	0- 10,0 km/h	0- 10,0	0- 10,0
Max. gradeability without/with vibr. ....	47/47 %	55/55	55/55

## Drive

Engine manufacturer .....	Deutz	Deutz	Deutz
Type .....	TD 2011 L04 i	TD 2011 L04 i	TD 2011 L04 i
Cooling .....	oil	oil	oil
Number of cylinders .....	4	4	4
Performance ISO 3046 .....	56 kW	56	56
Performance SAE J 1995 .....	75 hp	75	75
Speed .....	2.600 min-1	2.600	2.600
Fuel .....	diesel	diesel	diesel
Electric equipment .....	12 V	12	12
Drive system .....	hydrost.	hydrost.	hydrost.
Drum driven .....	standard	standard	standard

## Drums and Tyres

Number of pad feet .....			84
Area of one pad foot .....			99 cm2
Height of pad feet .....			81 mm
Tyre size .....	335/80R20	335/80R20	340/85R24

## Brakes

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

## Steering

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

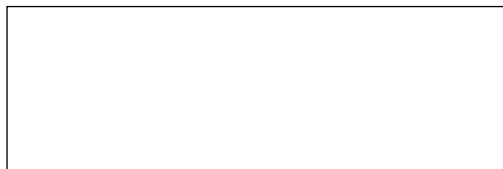
## Exciter system

Drive system .....	hydrost.	hydrost.	hydrost.
Frequency .....	34/34 Hz	34/34	34/34
Amplitude .....	1,70/0,85 mm	1,70/0,85	1,40/0,70
Centrifugal force .....	100/50 kN	100/50	100/50
Centrifugal force .....	10,2/5,1 t	10,2/5,1	10,2/5,1

## Capacities

Fuel .....	110 l	110	110
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Technical modifications reserved. Machines may be shown with options.



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