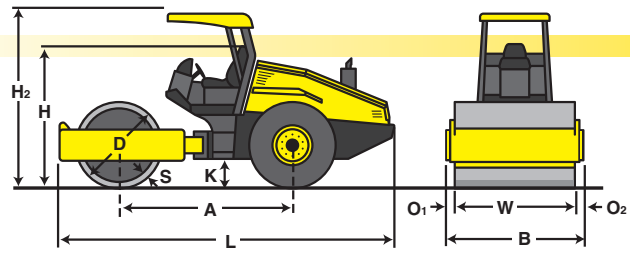


Technical Specifications

BW211-40 Series

Shipping dimensions

in cubic feet (m ³)	without/with ROPS/FOPS	
BW211D-40	1052.4 (29.8)	1379 (39)
BW211PD-40	1052.4 (29.8)	1379 (39)



Standard Equipment

- Hydrostatic drum and vibration drive
- Dual vibrating frequencies and amplitudes
- Hydrostatic articulated steering
- No spin differential with Spring Applied Hyd. Rel. (SAHR) brakes
- Bolt on oscillating, articulation joint
- Articulation lock
- Adjustable operators seat
- Single lever control for travel and vibration
- Drum scrapers
- Emergency stop
- Backup alarm
- ROPS/FOPS sun canopy w/seat belt
- Hour meter
- Audible and /or Visual warning indicators**
 - Engine oil pressure
 - Electrical charge control
 - Brake control
- Visual fluid indicators**
 - Fuel tank level
 - Hydraulic oil level
 - Engine coolant level

Optional Equipment

- Working lights front/rear
- ROPS Cab with heating
- Air conditioning
- Padfoot drum segment kit (D)
- Smooth drum segment kit (PD)
- Swivel comfort seat
- Evib Meter (BEM)
- Terrameter (BTM Prof)
- Front frame ballast (+ 1540 lbs)
- Diamond tread rear tire ballast (+ 1760 lbs)
- Gauges: Speedometer, voltmeter, frequency, tachometer
- CD Radio (with cab option)
- Rotary beacon (permanent or portable)
- Special paint

Dimensions in inches (mm)

	A	B	D	H	H ₂	K	L	O ₁	O ₂	S	W
BW211D-40	116.5 (2960)	88.6 (2250)	59.1 (1500)	89.3 (2268)	117 (2972)	19.3 (490)	229.9 (5840)	2.4 (60)	2.4 (60)	0.98 (25)	83.9 (2130)
BW211PD-40	116.5 (2960)	88.6 (2250)	58.3 (1480)	89.3 (2268)	117 (2972)	19.3 (490)	229.9 (5840)	2.4 (60)	2.4 (60)	0.98 (25)	83.9 (2130)

Technical data

Weights

		BOMAG BW211D-40	BOMAG BW211PD-40
Operating Weight with ROPS/FOPS	lbs (kg)	22930 (10400)	25785 (11695)
Axle load, drum	lbs (kg)	13360 (6060)	16215 (7355)
Axle load, wheels	lbs (kg)	9570 (4340)	9570 (4340)
Static linear load (drum)	pli (kg/cm)	159.3 (28.5)	

Dimensions

		BOMAG BW211D-40	BOMAG BW211PD-40
Working width	in (mm)	83.9 (2130)	83.9 (2130)
Track Radius, inner	in (mm)	142.3 (3615)	142.3 (3615)

Driving Characteristics (depending on site conditions)

		BOMAG BW211D-40	BOMAG BW211PD-40
Speed (1)	mph (kmph)	0-3.1 (0-5)	0-3.1 (0-5)
Speed (2)	mph (kmph)	0-3.7 (0-6)	0-3.7 (0-6)
Speed (3)	mph (kmph)	0-5.6 (0-9)	0-5.6 (0-9)
Speed (4)	mph (kmph)	0-8.4 (0-13.5)	0-8.4 (0-13.5)
Max. gradeability without/with vibration	%	47/47	47/47

Drive

	BOMAG BW211D-40	BOMAG BW211PD-40
Engine manufacturer	Deutz	Deutz
Type	TCD2013L042V	TCD2013L042V
Cooling	water	water
Number of cylinders	4	4
Performance ISO 9249	124 hp (kW)	124 hp (kW)
Speed	2200 rpm	2200 rpm
Performance SAE J 1995	133 hp (kW)	133 hp (kW)
Speed	2200 rpm	2200 rpm
Fuel	diesel	diesel
Electric Equipment	12 V	12 V
Drive System	hydrostatic standard	hydrostatic standard
Drum Driven		

Drums and Tires

		BOMAG BW211D-40	BOMAG BW211PD-40
Drum width	in (mm)	83.9 (2130)	83.9 (2130)
Tire Tread		Diamond (R-3)	Tractor (R-1)
Drum diameter	in (mm)	59 (1500)	59 (1500)
Tire size		23.1-26/12PR	23.1-26/12PR

Brakes

	BOMAG BW211D-40	BOMAG BW211PD-40
Service brake	hydrostatic	hydrostatic
Parking brake	SAHR	SAHR

Steering

	BOMAG BW211D-40	BOMAG BW211PD-40
Steering system	oscillating, articulating	oscillating, articulating
Steering method	hydrostatic	hydrostatic
Steering angle +/-	35 degrees	35 degrees
Oscillating angle +/-	12 degrees	12 degrees

Vibratory system

	BOMAG BW211D-40	BOMAG BW211PD-40
Drive system	hydrostatic	hydrostatic
Frequency	1800/2160 vpm (Hz)	1800/2160 (30/36)
Amplitude	0.071/0.035 in (mm)	0.065/0.032 (1.64/0.82)
Centrifugal force	53100/38250 lbs (kN)	61875/44550 (275/198)

Capacities

		BOMAG BW211D-40	BOMAG BW211PD-40
Fuel	gal (l)	66 (250)	66 (250)

Technical modifications reserved. Machines may be shown with options.

BOMAG
FAYAT GROUP

BOMAG Americas, Inc.
2000 Kentville Rd. • Kewanee, IL 61443
Tel: 309 853-3571 • Fax: 309 852-0350