

Single Drum Vibratory Roller

BW213DH-4 BVC



MODEL	Compaction Output (cu. yd/h) at recommended soil layer/lift thickness. *			
	Rock Fill	Gravel, Sand	Mixed Soils	Silt, Clay
BW213DH-4 BVC	916 - 1831	628 - 1256	471 - 942	275 - 549

MODEL	Compaction Layer Thickness (in).*			
	Rock Fill	Gravel, Sand	Mixed Soils	Silt, Clay
BW213DH-4 BVC	47.2	31.5	23.6	11.8

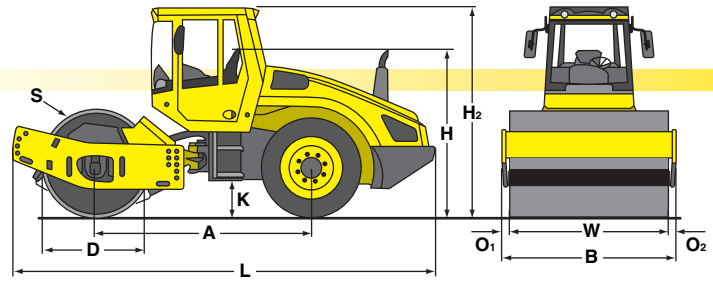
* Compaction output influenced by soil/material type and moisture content.

Technical Specifications

BW213DH-4 BVC

Shipping dimensions

in cubic feet (m ³)	without/with ROPS/FOPS
BW213DH-4 BVC	1046.6 (29.6) 1371.5 (38.8)



Standard Equipment

- Warning, information and operation displays with LCD
- Steering with hand wheel integrated in left hand arm rest
- Hydrostatic travel and vibration drive
- BOMAG Variocontrol
- Measuring System BTM prof
- Anti Slip Control (ASC)
- Hydrostatic articulated steering
- Articulated joint lock
- Rear axle with twin spring accumulator brakes
- No-Spin differential lock
- Seat contact switch
- Warning horn
- Single lever control for travel and vibration
- Swivel seat, adjustable in height and longitudinal direction, with two armrests and seatback with inclination adjustment
- Scrapers (plastic)
- Towing hooks front/rear
- Emergency STOP
- Noise insulation
- Back-up warning system
- ROPS/FOPS with safety belt

Optional Equipment

- Lockable control panel
- Rotary beacon
- ROPS cabin with seat belts
- Working lights front/rear
- Contact scrapers (Steel)
- BCM05
- Special paint
- Environmentally compliant hydraulic oil
- Air conditioning
- Sun roof
- Indicator and hazard lights
- Adjustable steering wheel
- Warning, information and operation displays

Dimensions inches (mm)

	A	B	D	H	H ₂	K	L	O ₁	O ₂	S	W
BW213DH-4 BVC	116.5 (2960)	88.6 (2250)	59.1 (1500)	89.3 (2268)	117 (2972)	19.3 (490)	228.7 (5808)	2.4 (60)	2.4 (60)	1.4 (35)	83.9 (2130)

Technical data

Weights

Operating Weight with ROPS Cabin	lbs	(kg)
Axle load, drum	lbs	(kg)
Axle load, wheels	lbs	(kg)
Static linear load (drum)	pli	(kg/cm)

Dimensions

Working width	in	(mm)
Track Radius, inner	in	(mm)
Dimensions	see sketch	

Driving Characteristics (depending on site conditions)

Speed (1)	mph	(kmph)
Max. gradeability without/with vibration	%	

Drive

Engine manufacturer	Deutz	
Type	TCD 2013 L04	
Cooling	Water	
Number of cylinders	4	
Performance ISO 9249	hp	(kW)
Speed	rpm	2200
Performance SAE J 1995	hp	(kW)
Speed	rpm	2200
Fuel	diesel	
Electric Equipment	12 V	
Drive System	hydrostatic	
Drum Driven	standard	

Drums and Tires

Tire size	23.1/18-26/12PR
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Brakes

Service brake	hydrostatic
Parking brake	SAHR

Steering

Steering system	oscil., artic.
Steering method	hydrostatic
Steering angle +/-	35 degrees
Oscillating angle +/-	12 degrees

Vibratory system

Drive system	hydrostatic	
Variocontrol	Standard	
Frequency	vpm	(Hz)
Amplitude	in	(mm)
Centrifugal force	lbs	(kN)

Capacities

Fuel	gal	(l)
	89.8	(340)

Technical modifications reserved. Machines may be shown with options.

BOMAG BW213DH-4 BVC

Operating Weight with ROPS Cabin	32849	(14900)
Axle load, drum	20723	(9400)
Axle load, wheels	12126	(5500)
Static linear load (drum)	247	(44.1)

Working width	83.9	(2130)
Track Radius, inner	137.6	(3494)
Dimensions	see sketch	

Speed (1)	0-8.7	(0-14)
Max. gradeability without/with vibration	53/50	

Engine manufacturer	Deutz	
Type	TCD 2013 L04	
Cooling	Water	
Number of cylinders	4	
Performance ISO 9249	160	(119)
Speed	2200	
Performance SAE J 1995	60	(119)
Speed	2200	
Fuel	diesel	
Electric Equipment	12 V	
Drive System	hydrostatic	
Drum Driven	standard	

Tire size	23.1/18-26/12PR
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Service brake	hydrostatic
Parking brake	SAHR

Steering system	oscil., artic.
Steering method	hydrostatic
Steering angle +/-	35 degrees
Oscillating angle +/-	12 degrees

Drive system	hydrostatic	
Variocontrol	Standard	
Frequency	1680	(28)
Amplitude	0-0.094	(0-2.40)
Centrifugal force	82125	(365)

Fuel	89.8	(340)
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