BOMAG
FAYAT GROUP

Tandem Vibratory Roller
BW213DH-4 BVC

INTELLIGENT COMPACTION

KEY FEATURES	
• 82,125 lbs centrifugal force	• Consistent compaction quality
• BOMAG ECOMODE	• Variocontrol intelligence
• Automatic force vectoring	• Proof rolling versatility
• Thick lift compaction	• Compaction performance documentation

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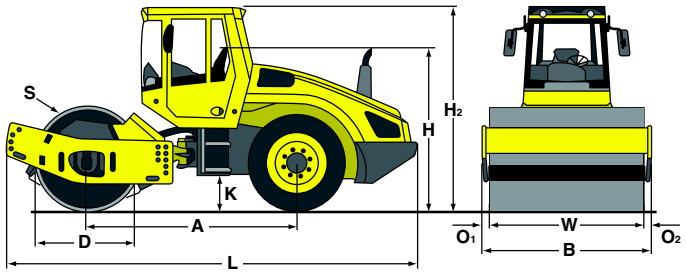
Technical Specifications

BW213DH-4 BVC

Shipping dimensions in cubic feet (m³)	without ROPS/FOPS	with ROPS/FOPS
BW213DH-4 BVC	1056 (29.9)	1389.8 (39.3)



Standard Equipment

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

Optional Equipment

- [ ] Rotary beacon
- [ ] Working lights front/rear
- [ ] Contact scrapers (Steel)
- [ ] BCM05
- [ ] Special paint
- [ ] Air conditioning
- [ ] Indicator and hazard lights

Dimensions inches (mm)

	A	B	D	H	H₂	K	L	O₁	O₂	S	W
BW213DH-4 BVC	116.5 (2960)	89.4 (2270)	59.1 (1500)	89.3 (2268)	117.5 (2985)	19.3 (490)	228.7 (5808)	2.8 (70)	2.8 (70)	1.4 (35)	83.9 (2130)

Technical data		BOMAG BW213DH-4 BVC
Weights		
Operating weight with ROPS Cabin	lbs (kg)	32849 (14900)
Axle load, drum	lbs (kg)	20723 (9400)
Axle load, wheels	lbs (kg)	12126 (5500)
Static linear load (drum)	pli (kg/cm)	247 (44.1)
Dimensions		
Working width	in (mm)	83.9 (2130)
Track radius, inner	in (mm)	137.6 (3494)
Driving Characteristics (depending on site conditions)		
Speed	mph (kmph)	0-8.7 (0-14)
Max. gradeability without/with vibration	%	53/50
Drive		
Engine manufacturer		Deutz
Type		TCD 2013 L04
Tier compliance		Tier 3
Cooling		Water
Number of cylinders		4
Performance SAE J 1995 (ISO 9249)	hp (kW)	160 (119)
Speed	rpm	2200
Fuel		diesel
Electric equipment	V	12
Drive system		hydrostatic
Drum driven		standard
Drums and Tires		
Tire size		23.1/18-26/12PR
Brakes		
Service brake		hydrostatic
Parking brake		SAHR
Steering		
Steering system / method		oscil., artic. / hydrostatic
Steering / Oscillating angle +/-	degrees	35 / 12
Vibratory system		
Frequency	vpm (Hz)	1680 (28)
Amplitude	in (mm)	0-0.098 (0-2.5)
Centrifugal force	lbs (kN)	82125 (365)
Capacities		
Fuel	gal (l)	89.8 (340)

Technical modifications reserved. Machines may be shown with options.

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.

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