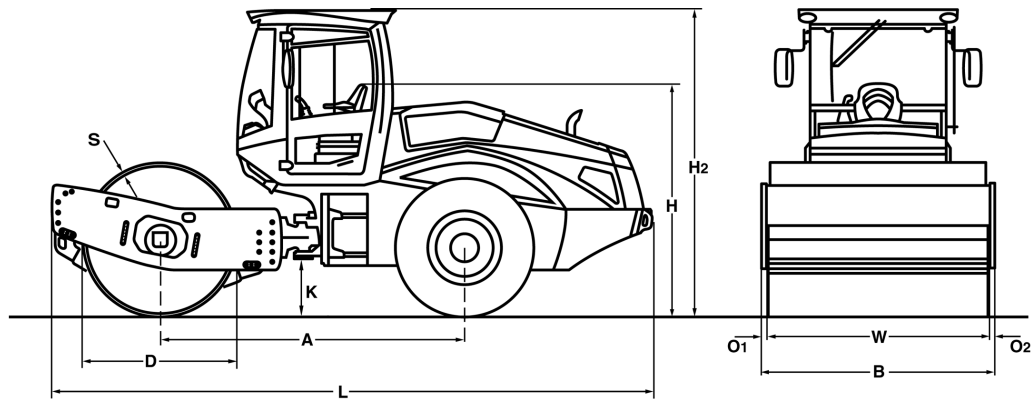


TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 213 D-5, BW 213 PD-5





Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
BW 213 D-5	2975	2270	1500	2250	2990	490	5875	70	70	30	2130
BW 213 PD-5	2975	2270	1480	2250	2990	490	5872	70	70	25	2130

Shipping dimensions in m3

BW 213 D-5
BW 213 PD-5

without ROPS

30,007
29,991

with ROPS

39,875
39,855

Machine type	Compaction output (m3/h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-5	470-940	300-600	240-480	120-240
BW 213 PD-5	530-1060	360-720	270-540	210-420

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
BW 213 D-5	0,80	0,50	0,40	0,20
BW 213 PD-5	0,90	0,60	0,50	0,30

Technical Data

BOMAG BW 213 D-5

BOMAG BW 213 PD-5

Weights

Grossweight	kg	14.800	14.370
Operating weight CECE w. ROPS-cabin	kg	12.600	13.470
Axle load, drum CECE	kg	7.550	8.460
Axle load, wheels CECE	kg	5.050	5.010
Static linear load CECE	kg/cm	35,4	

Dimensions

Working width	mm	2.130	2.130
Track radius, inner	mm	3.680	3.680

Driving Characteristics

Speed (1)	km/h	0- 5,0	0- 4,6
Speed (2)	km/h	0- 6,0	0- 6,4
Speed (3)	km/h	0- 8,0	0- 6,7
Speed (4)	km/h	0- 11,0	0- 11,2
Max. gradeability without/with vibr.	%	45/43	48/46

Drive

Engine manufacturer		Deutz	Deutz
Type		TCD 2012 L04 2V	TCD 2012 L04 2V
Emission stage		Stage IIIa / TIER3	Stage IIIa / TIER3
Cooling		Liquid	Liquid
Number of cylinders		4	4
Performance ISO 3046	kW	103,0	103,0
Performance SAE J 1995	hp	140,0	140,0
Speed	min-1	2.400	2.400
Fuel		Diesel	Diesel
Electric equipment	V	12	12
Drive system		hydrost.	hydrost.
Drum driven		standard	standard

Drums and Tyres

Number of pad feet			150
Area of one pad foot	cm ²		137
Height of pad feet	mm		100
Tyre size		23.1-26 12PR	23.1-26 12PR

Brakes

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

Steering

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

Exciter system

Drive system		hydrost.	hydrost.
Frequency	Hz	30/34	30/34
Amplitude	mm	2,10/1,10	1,70/0,90
Centrifugal force	kN	285/196	285/196
Centrifugal force	t	29,1/20,0	29,1/20,0

Capacities

Fuel	l	220,0	220,0
------------	---	-------	-------

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ BOMAG ECOMODE
- ☒ Warning, information and operation displays with LCD
- ☒ Hydrostatic travel and vibration drive
- ☒ Hydrostatic articulated steering
- ☒ Articulated joint lock
- ☒ Rear axle with twin spring accumulator brakes
- ☒ Self locking differential
- ☒ Warning horn
- ☒ Single lever control for travel and vibration
- ☒ Seat with arm rest and adj. for position and height
- ☒ 2 Scrapers
- ☒ Emergency STOP
- ☒ Back-up alarm
- ☒ Working lights front / rear
- ☒ Double pump system for travel drive
- ☒ Tractor tires (PD)
- ☒ Loading mode
- ☒ Sliding window
- ☒ Battery disconnect switch

Optional Equipment

- ☐ ROPS/FOPS cabin with seat belts
 - Sliding window
- ☐ ROPS/FOPS with safety belt
- ☐ Air condition
- ☐ Rearview camera
- ☐ ECONOMIZER
- ☐ TERRAMETER
- ☐ BOMAG ECOSTOP
- ☐ BOMAG TELEMATIC POWER
- ☐ Padfoot segment kit (DH)
- ☐ Radio (Bluetooth)
- ☐ Indicator and hazard lights
- ☐ BOMAP Connect
- ☐ Special painting
- ☐ Rotary beacon
- ☐ Pre start cabin heating
- ☐ Comfort package: Adjustable seat and adjustable steering column
- ☐ Measuring- and machine data interface for third-party suppliers
- ☐ LED Working lights (Cabin)
- ☐ Highly wear resistant drum

