

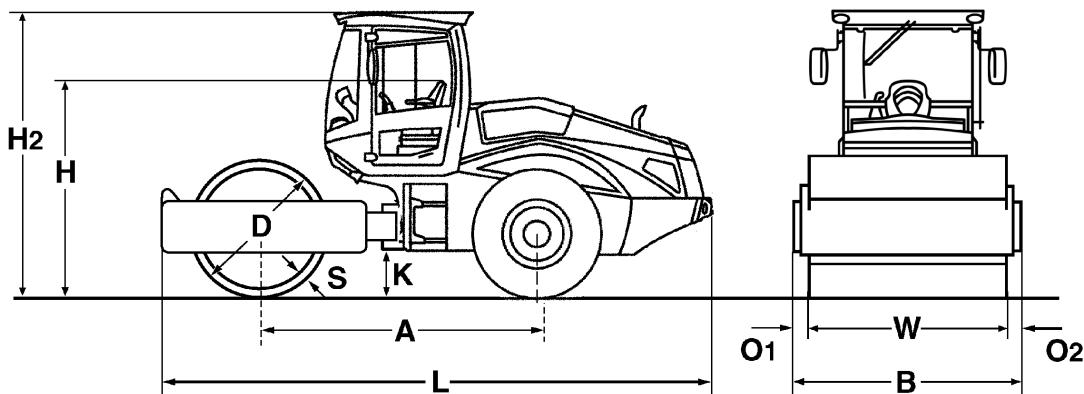


# TECHNICAL DATA

SINGLE DRUM ROLLERS

BW 211 -40, BW 211 D-40





#### Dimensions in mm

	A	B	D	H	H2	K	L	O1	O2	S	W
<b>BW 211 -40</b>	2960	2250	1500	2270	2990	490	5840	60	60	25	2130
<b>BW 211 D-40</b>	2960	2250	1500	2270	2990	490	5840	60	60	25	2130

#### Shipping dimensions in m<sup>3</sup>

	without ROPS	with ROPS
<b>BW 211 -40</b>	29,828	39,289
<b>BW 211 D-40</b>	29,828	39,289

Machine type	Compaction output (m <sup>3</sup> /h)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
<b>BW 211 -40</b>	400-800	270-540	220-440	110-220
<b>BW 211 D-40</b>	400-800	270-540	220-440	160-320

Machine type	Compacted layer thickness (m)			
	Rock fill	Gravel, sand	Mixed soil	Silt, clay
<b>BW 211 -40</b>	0,70	0,50	0,40	0,20
<b>BW 211 D-40</b>	0,70	0,50	0,40	0,25

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BW 211 -40****BOMAG  
BW 211 D-40****Weights**

Grossweight .....	kg	13.000	13.000
Max. axle load, drum CECE .....	kg	8.050	8.050
Max. axle load, wheels CECE .....	kg	4.950	4.950
Operating weight CECE .....	kg	10.350	10.350
Axle load, drum CECE .....	kg	5.800	5.800
Axle load, wheels CECE .....	kg	4.550	4.550
Static linear load CECE .....	kg/cm	27,2	27,2
Max. static linear load CECE .....	kg/cm	37,8	37,8

**Dimensions**

Working width .....	mm	2.130	2.130
Track radius, inner .....	mm	3.490	3.490

**Driving Characteristics**

Speed (1) .....	km/h	0- 4,0	0- 4,0
Speed (2) .....	km/h	0- 9,0	0- 9,0
Max. gradeability without/with vibr. .....	%	37/35	45/43

**Drive**

Engine manufacturer .....	Cummins	Cummins
Type .....	4BTA 3.9	4BTA 3.9
Emission stage .....	Stage II / TIER2	Stage II / TIER2
Cooling .....	Liquid	Liquid
Number of cylinders .....	4	4
Performance ISO 3046 .....	kW	75,0
Performance SAE J 1995 .....	hp	100,0
Speed .....	min-1	2.300
Fuel .....		Diesel
Electric equipment .....	V	12
Drive system .....		hydrost.
Drum driven .....		standard

**Drums and Tyres**

Tyre size .....	23.1-26 12PR	23.1-26 12PR
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**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

**Exciter system**

Drive system .....	hydrost.	hydrost.
Frequency .....	Hz	30/36
Amplitude .....	mm	1,80/0,95
Centrifugal force .....	kN	236/170
Centrifugal force .....	t	24,1/17,3

**Capacities**

Fuel .....	l	250,0	250,0
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Technical modifications reserved. Machines may be shown with options.

### **Standard Equipment**

- Hydrostatic travel and vibration drive (BW211D-40)
- Self locking differential
- Warning horn
- Single lever control for travel and vibration
- Hydrostatic articulated steering
- Emergency STOP
- Scrapers (2x)
- Back-up warning system
- Operator seat
- Maintenance-free articulated joint
- Wheels-Ballast

### **Optional Equipment**

- ROPS/FOPS-cabin with heating  
+Seat belt
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+Air condition  
+Seat belt
- Cabin with air conditioning  
+Seat belt
- Sun roof
- Working lights front / rear
- ROPS/FOPS with safety belt
- Rotary beacon
- Padfoot segment kit (D)
- Contact scrapers (2x)
- ECONOMIZER
- BOMAG Evib-Meter (BEM)
- Special painting
- Ballast front (700kg)
- Radio (Bluetooth)
- BOMAP
- Road lights



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