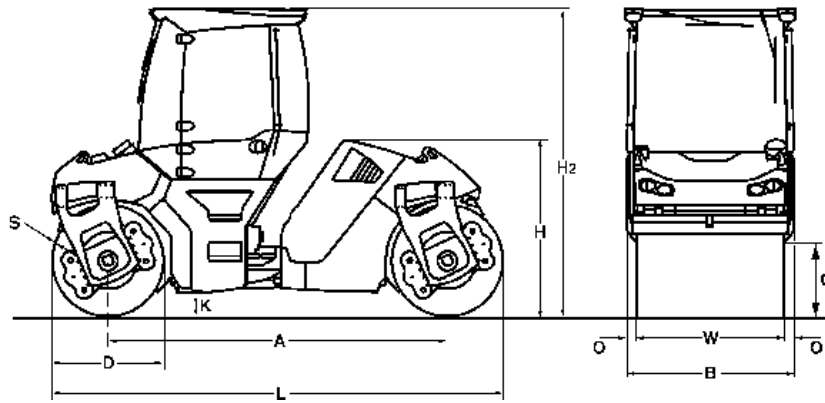


# TECHNICAL DATA

TANDEM ROLLERS

BW 141 AD-50, BW 151 AD-50





**Dimensions in mm**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>H</b>	<b>H2</b>	<b>K</b>	<b>L</b>	<b>O</b>	<b>S</b>	<b>W</b>
<b>BW 141 AD-50</b>	3300	1664	730	1100	2240	3000	250	4400	82	16	1500
<b>BW 151 AD-50</b>	3300	1844	730	1100	2200	3000	250	4400	82	16	1680

**Shipping dimensions in m3**

**BW 141 AD-50**  
**BW 151 AD-50**

**without ROPS**

16,400  
 17,850

**with ROPS**

21,965  
 24,341

<b>Machine type</b>	<b>Compaction output (m3/h) at recommended soil layer thicknesses</b>		
	<b>Gravel, sand</b>	<b>Mixed soil</b>	<b>Silt, clay</b>
BW 141 AD-50	140-280	120-250	50-120
BW 151 AD-50	150-310	130-280	60-180

<b>Machine type</b>	<b>Compaction output (t/h) at different asphalt layer thicknesses</b>		
	<b>2-4 cm</b>	<b>6-8 cm</b>	<b>10-14 cm</b>
BW 141 AD-50	35-60	50-130	80-150
BW 151 AD-50	35-70	60-130	90-160

**Technical Data****BOMAG  
BW 141 AD-50****BOMAG  
BW 151 AD-50****Weights**

Operating weight CECE w. cab. ....	kg	6.900	7.600
Axle load, front CECE .....	kg	3.560	3.900
Axle load, rear CECE .....	kg	3.340	3.700
Static linear load, front CECE .....	kg/cm	23,7	23,2
Static linear load, rear CECE .....	kg/cm	22,3	22,0
Grossweight .....	kg	8.700	9.300

**Dimensions**

Track radius, inner .....	mm	4.480	4.390
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**Driving Characteristics**

Max. travel speed .....	km/h	0- 11,0	0- 11,0
Max. gradeability without/with vibr. ....	%	40/30	40/30

**Drive**

Engine manufacturer .....		Kubota	Kubota
Type .....		V 3307 DI-T	V 3307 DI-T
Emission stage .....		Stage IIIa / TIER4i	Stage IIIa / TIER4i
Cooling .....		Liquid	Liquid
Number of cylinders .....		4	4
Performance ISO 14396 .....	kW	55,4	55,4
Performance SAE J 1995 .....	hp	74,3	74,3
Speed .....	min-1	2.200	2.200
Electric equipment .....	V	12	12

**Brakes**

Service brake .....		hydrost.	hydrost.
Parking brake .....		multi disc	multi disc

**Steering**

Steering system .....		oscil.artic.	oscil.artic.
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**Exciter system**

Vibrating drum .....		front + rear	front + rear
Autom. vibr. shut off .....		standard	standard
Frequency .....	Hz	45/55	45/55
Amplitude .....	mm	0,71/0,28	0,71/0,27
Centrifugal force .....	kN	75/45	75/45
Centrifugal force .....	t	7,6/4,6	7,6/4,6

**Capacities**

Fuel .....	l	125,0	125,0
Water .....	l	600,0	600,0

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- 2 amplitudes / 2 frequencies
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable (-15/+75°)  
- laterally slidable with steering wheel
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

### Optional Equipment

- ROPS cabin with seat belts  
+ heating, Ventilation  
+ 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- 2 LED-lights for cabin roof (flatbeam)
- ROPS/FOPS
- Asphalt temperature display
- Crab-walk to both sides (170mm)
- BOMAG TELEMATIC START
- Compartments for documents and tools
- Outside mirrors
- Working lights
- Lights with german regulations
- Frequency 70Hz
- Additional weight 600kg (BW151AD-50)
- BOMAP compaction navigation with  
GPS
- ECONOMIZER
- Edge cutter

