

**TANDEM VIBRATORY ROLLERS  
BW 141 AD-50, BW 151 AD-50**

**PERFORMANCE DATA**

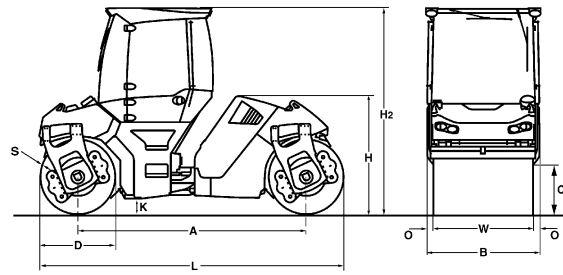


Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 141 AD-50	140-280	120-250	50-120
BW 151 AD-50	150-310	130-280	60-180

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

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 141 AD-50</b>	16,400	21,965
<b>BW 151 AD-50</b>	17,850	24,341



## 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)
- BCM-Documentation system

## Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
<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

## Technical Data

### Weights

	BOMAG BW 141 AD-50	BOMAG BW 151 AD-50
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 7.700	8.400

### 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

	BOMAG BW 141 AD-50	BOMAG BW 151 AD-50
Engine manufacturer .....	Kubota	Kubota
Type .....	V 3307 DI-T	V 3307 DI-T
Emission stage .....	Stufe 3A / Tier4i	Stufe 3A / Tier 4i
Cooling .....	water	water
Number of cylinders .....	4	4
Performance ISO 14396 .....	kW 55,4	55,4
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.

