

**TANDEM VIBRATORY ROLLERS
BW 141 AD-5, BW 151 AD-5, BW 154 AD-5**

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 141 AD-5	140-280	120-250	65-130
BW 151 AD-5	160-320	150-300	75-150

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 141 AD-5	35-70	70-150	100-180
BW 151 AD-5	40-80	80-170	120-200
BW 154 AD-5	40-80	80-170	120-200

Technical Data

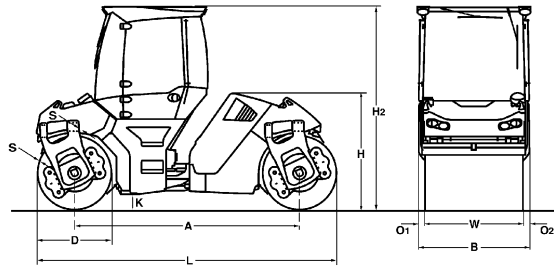
Shipping dimensions in m3	without ROPS	with ROPS
BW 141 AD-5	16,108	21,965
BW 151 AD-5	17,850	24,341
BW 154 AD-5	17,850	24,341

Standard Equipment

- 2 amplitudes / 2 frequencies
- Crab-walk to both sides (170mm)
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable (-20/+70°)
- laterally slidable with steering wheel
- Travel levers with integrated switches for vibration
+ Edge pressing roller
+ Crab walk
+ Warning horn
- On-board computer
- engine speed
- Speedometer
- Fuel consumption
- Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

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)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS
- Sun roof
- Precision spreader BS150
- Asphalt temperature display
- EVIB-Control panel
- Additional weight 600kg
- Approval by the German TÜV
- BOMAG TELEMATIC



Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 141 AD-5	3300	1664	730	1100	2200	3000	250	4400	82	16	1500
BW 151 AD-5	3300	1844	730	1100	2200	3000	250	4400	82	16	1680
BW 154 AD-5	3300	1844	730	1100	2200	3000	250	4400	82	16	1680

Technical Data

	BOMAG BW 141 AD-5	BOMAG BW 151 AD-5	BOMAG BW 154 AD-5
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Weights

Operating weight CECE w. cab.kg	6.900	7.600	8.300
Axle load, front CECEkg	3.560	3.900	4.250
Axle load, rear CECEkg	3.340	3.700	4.050
Static linear load, front CECEkg/cm	23,7	23,2	25,3
Static linear load, rear CECEkg/cm	22,3	22,0	24,1
Grossweightkg	7.200	7.900	8.600

Dimensions

Track radius, innermm	4.480	4.390	4.390
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Drums

Split drum	no	no	yes
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Driving Characteristics

Max. travel speedkm/h	0- 12,0	0- 12,0	0- 12,0
Max. gradeability without/with vibr.%	40/30	40/30	36/30

Drive

Engine manufacturer	Kubota	Kubota	Kubota
Type	V3307 CR-T	V3307 CR-T	V3307 CR-T
Emission stage	3b/4	3b/4	3b/4
Cooling	water	water	water
Number of cylinders	4	4	4
Performance ISO 14396kW	55,4	55,4	55,4
Speedmin-1	2.400	2.400	2.400
Electric equipmentV	12	12	12

Brakes

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

Steering

Steering system	oscil.artic.	oscil.artic.	oscil.artic.
Lateral displacement right/leftmm	170	170	170

Exciter system

Vibrating drum	front + rear standard	front + rear standard	front + rear standard
Autom. vibr. shut off			
FrequencyHz	45/55	45/55	45/55
Amplitudemm	0,67/0,25	0,63/0,24	0,58/0,29
Centrifugal forcekN	64/36	64/36	80/60
Centrifugal forcet	6,5/3,7	6,5/3,7	8,2/6,1

Capacities

Fuell	125,0	125,0	125,0
Waterl	600,0	600,0	600,0

Technical modifications reserved. Machines may be shown with options.

