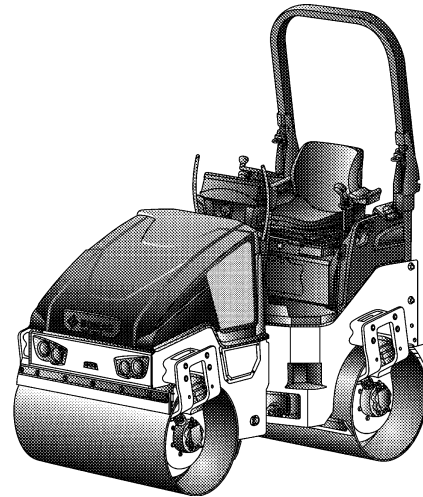


**TANDEM VIBRATORY ROLLERS  
BW 100 AD-5, BW 120 AD-5**

**PERFORMANCE DATA**

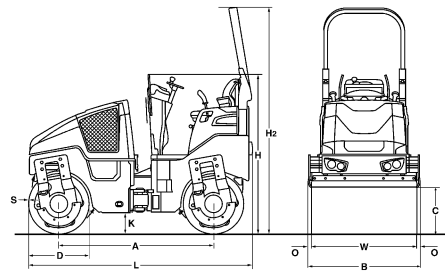


Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-5	80-145	55-105	38-73
BW 120 AD-5	85-170	65-125	43-85

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-12 cm
BW 100 AD-5	15-40	40-60	60-100
BW 120 AD-5	20-45	40-70	70-120

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 100 AD-5</b>	4,902	6,962
<b>BW 120 AD-5</b>	5,816	8,261



## Standard Equipment

- Hydrostatic travel and vibration drive
- Pressure sprinkler system with interval switch
- 2 scrapers per drum, spring loaded and tiltable
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated stowage compartment
- Adjustable operator's seat
- Lashing eyes, galvanized
- Back-up alarm
- Single point lifting device
- Vandalism protection
- Lockable engine hood made of composite material
- Working lights front and rear
- 12V socket
- Seat contact switch

## Optional Equipment

- \* Foldable ROPS incl. seat belt
- Edge cutter-right/left
- Sliding seat incl. double travel lever
- Gravel scrapper
- Battery disconnect switch
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Special painting
- Seat heating
- Backup warning buzzer with broadband technology
- Environmentally compliant hydraulic oil
- Theft protection
- BOMAG TELEMATIC
- ECONOMIZER

\* Standard delivery with CE conformity (valid within European Union)

## Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
<b>BW 100 AD-5</b>	1752	1072	523	700	1808	2568	254	2529	36	13	1000
<b>BW 120 AD-5</b>	1752	1272	523	700	1808	2568	254	2529	36	13	1200

## Technical Data

### Weights

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Operating weight w. ROPS CECE	kg	2.500	2.700
Average static linear load CECE	kg/cm	12,5	11,3
Grossweight	kg	3.300	3.500

### Dimensions

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Working width	mm	1.000	1.200
Track radius, inner	mm	2.550	2.450

### Driving Characteristics

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Speed	km/h	0- 10,0	0- 10,0
Working speed with vibration	km/h	0- 10,0	0- 10,0
Max. gradeability without/with vibr.	%	40/30	40/30

### Drive

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Engine manufacturer		Kubota	Kubota
Type		D 1703	D 1703
Emission stage		3a /4i	3a /4i
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	kW	24,3	24,3
Performance SAE J 1995	hp	32,6	32,6
Speed	min-1	2.600	2.600
Speed adjustment 1	min-1	2.500	2.500
Speed adjustment 2	min-1	2.600	2.600
Electric equipment	V	12	12
Driven drum		front + rear	front + rear

### Brakes

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

### Steering

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	32/10	32/10
Crab walk		0- 50	0- 50

### Exciter system

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	63/67	63/67
Amplitude	mm	0,50	0,50
Centrifugal force	kN	30/34	36/41

### Sprinkler System

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Type of sprinkling		pressure	pressure

### Capacities

	Unit	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Fuel	l	35,0	35,0
Water	l	205,0	205,0

Technical modifications reserved. Machines may be shown with options.



**BOMAG**  
 Hellerwald  
 D-56154 Boppard  
 P.O. Box 5162  
 Tel. (0)6742 - 1000  
 Fax (0)6742 - 3090

