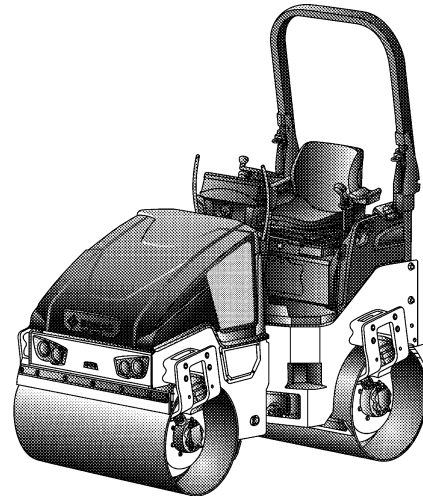


**TANDEM VIBRATORY ROLLERS  
BW 100 AD-5, BW 120 AD-5**

**PERFORMANCE DATA**

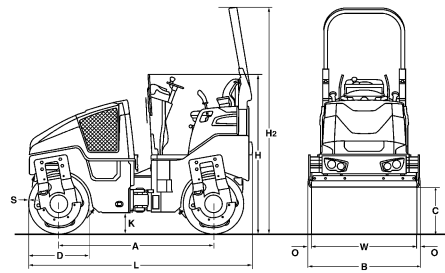


Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-5	80-145	55-105	38-73
BW 120 AD-5	85-170	65-125	43-85

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

- Oscillating artic. center joint
- Crab walk
- Working lights front/rear
- Seat contact switch
- 2 scrapers per drum
- Suspended operator's platform
- Plastic water tank
- Individual control, vibration
- Hour meter
- Lockable engine cover
- Lockable anti vandal dashboard protection
- Transport lashing and lifting points front/rear
- Vibration cut-off, rear drum
- Emergency STOP
- Back-up alarm
- Water level
- Pressure sprinkler system with interval switch
- electronic fuel gauge
- Single point lifting device
- Document bag
- V-belt protection
- Autom. vibration operation

## Optional Equipment

- \* Foldable ROPS
- Edge cutter
- Indicator and hazard lights
- Rotary beacon
- Biodegradable hydraulic oil
- Special paint
- Tool kit
- Double travel lever (Sliding seat)
- Laterally sliding seat
- Pressure sprinkler system
- Electronic Engine Immobilizer
- Weather protection roof
- Battery disconnect switch
- Sun roof
- Flow divider
- Gravel scrapper
- Backup warning buzzer with broadband technology
- TELEMATIC
- ECONOMIZER

\* Standard delivery with CE conformity (valid within European Union)#72

## 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

	kg	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Operating weight w. ROPS CECE	2.500	2.700	2.700
Average axle load CECE	1.250	1.350	1.350
Average static linear load CECE	12,5	11,3	11,3
Grossweight	3.300	3.500	3.500

### Dimensions

	mm	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Track radius, inner	2.550	2.450	2.450

### Driving Characteristics

	km/h	BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Speed (1)	0- 5,0	0- 5,0	0- 5,0
Speed (2)	0- 10,0	0- 10,0	0- 10,0
Max. gradeability without/with vibr.	40/30	40/30	40/30

### Drive

		BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Engine manufacturer		Kubota	Kubota
Type		D 1703ME3B	D 1703ME3B
Cooling		water	water
Number of cylinders		3	3
Performance SAE J 1995	kW	24,3	24,3
Performance SAE J 1349	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

### Brakes

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

### Steering

		BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering angle +/-	grad	32	32
Oscillating angle +/-	grad	10	10
Crab walk / lateral displacement	mm	50	50

### Exciter system

		BOMAG BW 100 AD-5	BOMAG BW 120 AD-5
Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	67/63	67/63
Amplitude	mm	0,49/0,49	0,51/0,51
Centrifugal force	kN	34/30	41/36

### Sprinkler System

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

### Capacities

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

Technical modifications reserved. Machines may be shown with options.

