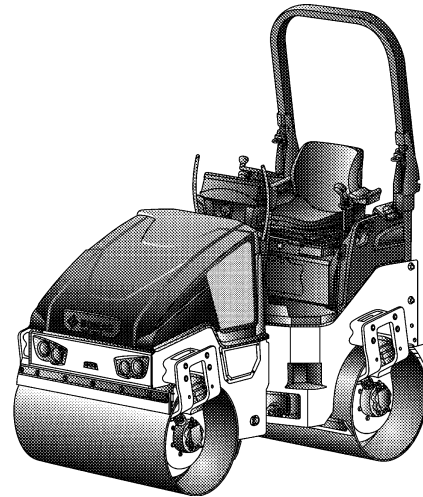


**TANDEM VIBRATORY ROLLERS
BW 100 AD-5, BW 120 AD-5**

PERFORMANCE DATA

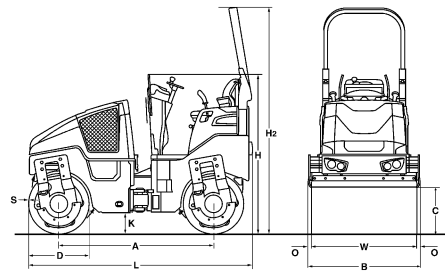


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-5	80-145	55-105	38-73
BW 120 AD-5	85-170	65-125	43-85

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
BW 100 AD-5	4,902	6,962
BW 120 AD-5	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
BW 100 AD-5	1752	1072	523	700	1808	2568	254	2529	36	13	1000
BW 120 AD-5	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.

