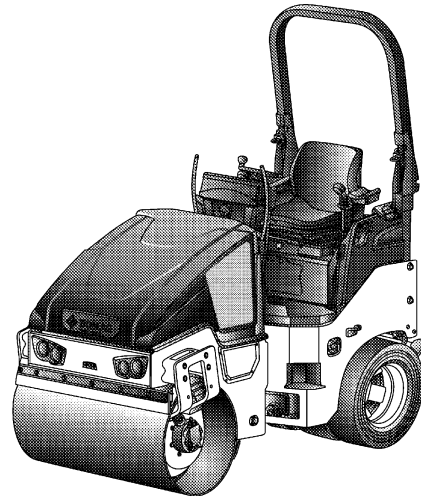


**COMBINATION ROLLERS  
BW 100 AC-5, BW 120 AC-5**

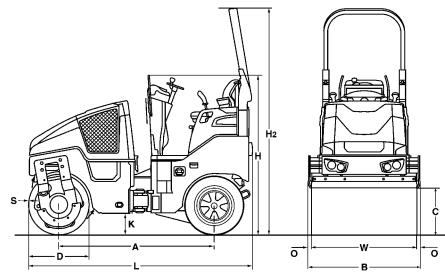
**PERFORMANCE DATA**



Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 100 AC-5	15-35	35-50	45-90
BW 120 AC-5	20-40	40-60	55-105

# Technical Data

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



## Standard Equipment

- Four smooth rear rubber wheels
- 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
- 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
- Sliding seat incl. double travel lever
- 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 AC-5</b>	1752	1072	523	700	1808	2568	254	2529	36	13	1000
<b>BW 120 AC-5</b>	1752	1272	523	700	1808	2568	254	2529	36	13	1200

## Technical Data

### Weights

	kg	BOMAG BW 100 AC-5	BOMAG BW 120 AC-5
Operating weight w. ROPS CECE .....	kg	2.300	2.450
Axle load, drum / wheels CECE .....	kg	1.150/1.150	1.200/1.250
Wheel load CECE .....	kg	288	313
Static linear load, front CECE .....	kg/cm	11,5	10,0
Grossweight .....	kg	2.800	2.950

### Dimensions

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

### Driving Characteristics

	km/h	BOMAG BW 100 AC-5	BOMAG BW 120 AC-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

		BOMAG BW 100 AC-5	BOMAG BW 120 AC-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 .....		standard	standard
Driven wheels .....		4	4

### Drums and Tyres

		BOMAG BW 100 AC-5	BOMAG BW 120 AC-5
Tyre size .....		205/60-15	9.5/65-15

### Brakes

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

### Steering

		BOMAG BW 100 AC-5	BOMAG BW 120 AC-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

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

### Sprinkler System

		BOMAG BW 100 AC-5	BOMAG BW 120 AC-5
Type of sprinkling .....		pressure	pressure

### Capacities

	l	BOMAG BW 100 AC-5	BOMAG BW 120 AC-5
Fuel .....	l	35,0	35,0
Water .....	l	160,0	160,0
Emulsion .....	l	45,0	45,0

Technical modifications reserved. Machines may be shown with options.

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