

TECHNICAL DATA

TANDEM ROLLERS

BW 100 AD-5, BW 120 AD-5





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

Shipping dimensions in m3

BW 100 AD-5
BW 120 AD-5

without ROPS

4,902
 5,816

with ROPS

6,962
 8,261

Machine type	Compaction output (m3/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**BOMAG
BW 100 AD-5****BOMAG
BW 120 AD-5****Weights**

Operating weight w. ROPS CECE	kg	2.500	2.700
Average static linear load CECE	kg/cm	12,5	11,3
Grossweight	kg	3.000	3.150

Dimensions

Working width	mm	1.000	1.200
Track radius, inner	mm	2.550	2.450

Driving Characteristics

Speed	km/h	0- 9,0	0- 9,0
Working speed with vibration	km/h	0- 5,0	0- 5,0
Max. gradeability without/with vibr.	%	40/30	40/30

Drive

Engine manufacturer		Kubota	Kubota
Type		D 1703	D 1703
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	kW	18,5	18,5
Performance SAE J 1995	hp	25,0	25,0
Speed	min-1	2.200	2.200
Electric equipment	V	12	12
Driven drum		front + rear	front + rear

Brakes

Service brake		hydrost.	hydrost.
Parking brake		hydromec.	hydromec.

Steering

Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	grad	32/10	32/10
Crab walk	mm	0- 50	0- 50

Exciter system

Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	Hz	65/56	65/56
Amplitude	mm	0,50	0,50
Centrifugal force	kN	32/24	39/29

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	l	35,0	35,0
Water	l	205,0	205,0

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

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

Optional Equipment

- * Foldable ROPS incl. seat belt
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Seat heating
- Sliding seat incl. double travel lever
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Battery disconnect switch
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Hydraulically adjustable crabwalk (50mm)
- Pointer
- Special painting
- Backup warning buzzer with broadband technology
- ECOSTOP
- Outside mirrors
- Tablet holder set

