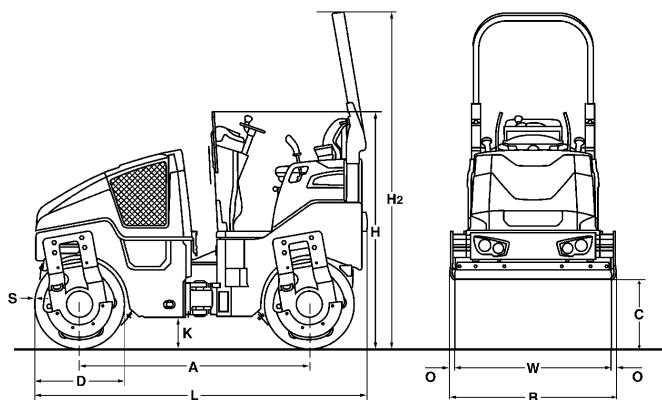


TECHNICAL DATA

TANDEM ROLLERS

BW 100 AD-5, BW 120 AD-5





Dimensions in in

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AD-5	69.0	42.2	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.51	39.4
BW 120 AD-5	69.0	50.1	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.51	47.2

Shipping dimensions in cub.yd

BW 100 AD-5
BW 120 AD-5

without ROPS

6.413
7.614

with ROPS

9.106
10.811

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-5	104.6-189.7	71.9-137.3	49.7-95.5
BW 120 AD-5	111.2-222.4	85.0-163.5	56.2-111.2

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	0.8-1.6 in	2.4-3.1 in	3.9-4.7 in
BW 100 AD-5	19.6-52.3	52.3-78.5	78.5-130.8
BW 120 AD-5	26.2-58.9	52.3-91.6	91.6-157.0

Technical Data

BOMAG BW 100 AD-5

BOMAG BW 120 AD-5

Weights

Operating weight w. ROPS CECE	lb	5.732	6.063
Average static linear load CECE	lb/in	72.8	64.2
Grossweight	lb	7.496	7.716

Dimensions

Working width	in	39.4	47.2
Track radius, inner	in	100.4	96.5

Driving Characteristics

Speed	mph	0- 6.2	0- 6.2
Working speed with vibration	mph	0- 6.2	0- 6.2
Max. gradeability without/with vibr.	%	40/30	40/30

Drive

Engine manufacturer		Kubota	Kubota
Type		D1803	D1803
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DPF	DPF
Cooling		water	water
Number of cylinders		3	3
Performance ISO 14396	hp	33.0	33.0
Performance SAE J 1995	hp	33.0	33.0
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

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

Steering

Steering system		oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.
Steering / oscillating angle +/-	deg	32/10.0	32/10.0
Crab walk		0- 50	0- 50

Exciter system

Vibrating drum		front + rear	front + rear
Drive system		hydrost.	hydrost.
Frequency	vpm	3,780.0/4,020.0	3,780.0/4,020.0
Amplitude	in	0.020	0.020
Centrifugal force	lb	29.77/33.67	36.04/40.76

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	gal	9.2	9.2
Water	gal	54.2	54.2

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 stowage 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
- ☐ Lighting for drum edge
- ☐ Battery disconnect switch
- ☐ Environmentally compliant hydraulic oil
- ☐ Theft protection
- ☐ Edge cutter-right/left
- ☐ Gravel scatterer
- ☐ Hydraulically adjustable crabwalk (2.0in)
- ☐ Pointer
- ☐ Special painting
- ☐ Backup warning buzzer with broadband technology
- ☐ Flow divider

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



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