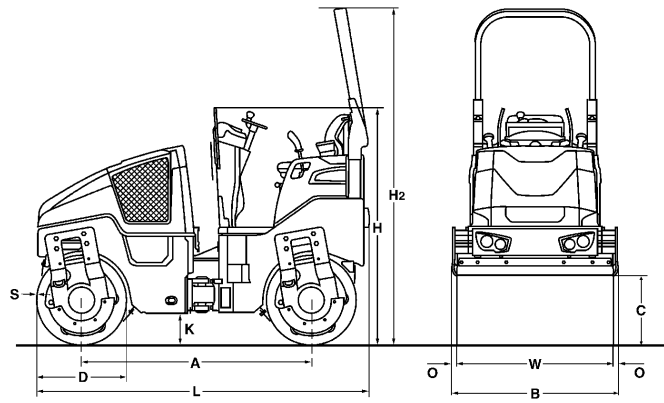


TECHNICAL DATA

TANDEM ROLLERS

BW 100 AD E-5, BW 120 AD E-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AD E-5	69.0	42.2	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.39	39.4
BW 120 AD E-5	69.0	50.1	20.6	27.6	71.2	101.1	10.0	99.6	1.4	0.39	47.2

Shipping dimensions in cub.yd

BW 100 AD E-5
BW 120 AD E-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 E-5	104.6-189.7	71.9-137.3	49.7-95.5
BW 120 AD E-5	111.2-222.4	85.0-163.5	56.2-111.2

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 in	6-8 in	10-12 in
BW 100 AD E-5	19.6-52.3	52.3-78.5	78.5-130.8
BW 120 AD E-5	26.2-58.9	52.3-91.6	91.6-157.0

Technical Data

BOMAG BW 100 AD E-5

BOMAG BW 120 AD E-5

Weights

Operating weight w. ROPS CECE	lb	5,512	5,953
Average static linear load CECE	lb/in	70.0	60.5
Grossweight	lb	5,842	6,173

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- 3.1	0- 3.1
Max. gradeability without/with vibr.	%	40/30	40/30

Drive

Type		SYNCHRONMOTOR	SYNCHRONMOTOR
Performance	hp	26.8	26.8
Speed	rpm	2.080	2.080
Driven drum		front + rear	front + rear

Electric equipment

Operating voltage	V	48	48
battery, type		Li-Ion	Li-Ion
battery capacity	kWh	25	25

Brakes

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

Steering

Steering system		oscil.artic.	oscil.artic.
Steering method		electro-hydrost.	electro-hydrost.
Steering / oscillating angle +/-	deg	32/10.0	32/10.0
Crab walk	in	0- 2.0	0- 2.0

Exciter system

Vibrating drum		front + rear	front + rear
Drive system		electro-hydrost.	electro-hydrost.
Frequency	vpm	3,900.0/3,360.0	3,900.0/3,360.0
Amplitude	in	0.020	0.020
Centrifugal force	lb	7,194/5,395	8,768/6,520

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Water	gal	54.2	54.2
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Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ Electro-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
- ☒ Battery disconnect switch

Optional Equipment

- ☐ Foldable ROPS incl. seat belt
- ☐ Sun roof, foldable with ROPS
- ☐ Sliding seat incl. double travel lever
- ☐ ECONOMIZER with asphalt temperature display
- ☐ BOMAG TELEMATIC
- ☐ Indicator and hazard lights
- ☐ Rotary beacon
- ☐ Pointer
- ☐ Special painting
- ☐ Anti-frost intake
- ☐ Tablet holder set
- ☐ JOBLINK measuring technology interface
- ☐ JOBLINK Bluetooth adapter
- ☐ BOMAG GPS antenna holder
- ☐ Edge cutter
- ☐ Seat heating
- ☐ Optional lighting on ROPS
- ☐ Environmentally compliant hydraulic oil
- ☐ Backup warning buzzer with broadband technology
- ☐ Outside mirrors



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