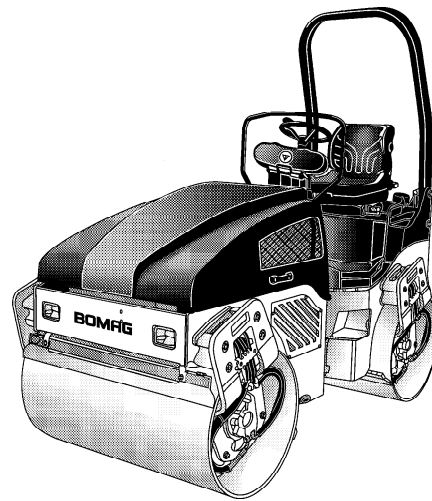


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TANDEM VIBRATORY ROLLERS BW 100 AD-4, BW 120 AD-4, BW 125AD-4

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-4	80-145	55-105	38-73
BW 120 AD-4	85-170	65-125	43-85
BW 125AD-4	90-185	70-140	50-95

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-12 cm
BW 100 AD-4	15-40	40-60	60-100
BW 120 AD-4	20-45	40-70	70-120
BW 125AD-4	25-50	45-80	75-130

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Technical Data

Shipping dimensions in m3

	without ROPS	with ROPS
BW 100 AD-4	4,794	6,591
BW 120 AD-4	5,685	7,816
BW 125AD-4	5,685	7,816

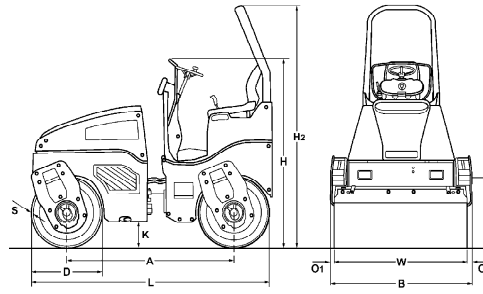
Standard Equipment

- Oscillating artic. center joint
- 2 scrapers per drum
- Suspended operator's platform
- Plastic water tank
- Hour meter
- Lockable engine cover
- Lockable anti vandal dashboard protection
- Transport lashing and lifting points front/rear
- Emergency stop button
- Vibration cut-off, rear drum
- Back-up alarm
- Water level
- Gravity water sprinkler system

Optional Equipment

- * ROPS with safety belts
- * Working lights front/rear
- * Seat with contact switch
- Edge cutter
- Indicator and hazard lights
- Rotary beacon
- Biodegradable hydraulic oil
- Special paint
- Tool kit
- Double travel lever (Sliding seat)
- Foldable ROPS
- Laterally sliding seat
- Fuel level indicator
- Single point lifting device
- Pressure sprinkler system
- Electronic Engine Immobilizer
- Weather protection cabin
- Battery disconnect switch
- Document bag
- Sun roof
- Flow divider

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



Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AD-4	1728	1076	475	700	1800	2475	255	2475	38	13	1000
BW 120 AD-4	1728	1276	474	700	1800	2475	255	2475	38	13	1200
BW 125AD-4	1728	1276	474	700	1800	2475	255	2475	38	23	1200

Technical Data

	BOMAG BW 100 AD-4	BOMAG BW 120 AD-4	BOMAG BW 125AD-4
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Weights

Operating weight w. ROPS CECE	kg	2.400	2.600	3.150
Average axle load CECE	kg	1.200	1.300	1.575
Average static linear load CECE	kg/cm	12	10,8	13,1

Dimensions

Length with ROPS	mm	2.475	2.475	2.475
Track radius, inner	mm	2.720	2.620	2.620

Driving Characteristics

Max. working speed with vibration	km/h	0- 6,5	0- 6,5	0- 6,5
Max. travel speed	km/h	0- 12,0	0- 12,0	0- 12,0
Max. gradeability without/with vibr.	%	40/30	40/30	40/30

Drive

Engine manufacturer		Kubota	Kubota	Kubota
Type		D 1703-M-E3B	D 1703-M-E3B	D 1703-M-E3B
Cooling		water	water	water
Number of cylinders		3	3	3
Performance ISO 9249	kW	24,7	24,7	24,7
Speed	min-1	2.600	2.600	2.600
Performance SAE J 1349	hp	33,1	33,1	33,1
Speed	min-1	2.600	2.600	2.600
Speed adjustment 1	min-1	2.400	2.400	2.400
Speed adjustment 2	min-1	2.600	2.600	2.600
Electric equipment	V	12	12	12

Brakes

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

Steering

Steering system		oscil.artic.	oscil.artic.	oscil.artic.
Steering method		hydrost.	hydrost.	hydrost.
Steering angle +/-	grad	30	30	30
Oscillating angle +/-	grad	7	7	7

Exciter system

Vibrating drum		front + rear	front + rear	front + rear
Drive system		hydrost.	hydrost.	hydrost.
Frequency	Hz	70/55	70/55	60/50
Amplitude	mm	0,49	0,51	0,40
Centrifugal force	kN	37/23	45/28	41/29

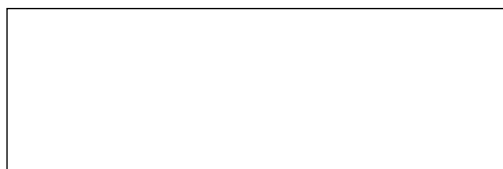
Sprinkler System

Type of sprinkling		gravity	gravity	gravity
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Capacities

Fuel	l	40	40	40
Water	l	220	220	220

Technical modifications reserved. Machines may be shown with options.



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