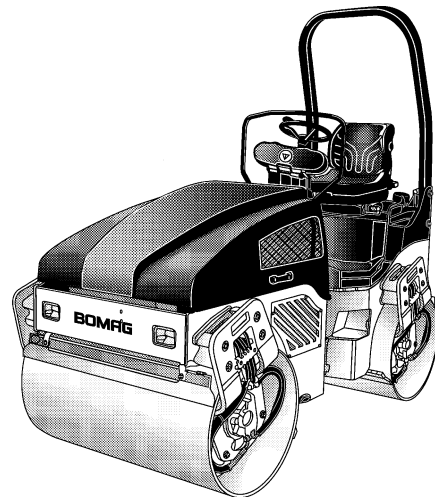


**TANDEM VIBRATORY ROLLERS**  
**BW 100 AD-4, BW 120 AD-4, BW 125AD-4**

**PERFORMANCE DATA**

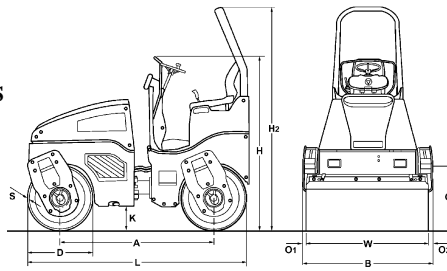


Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-4	80-145	55-105	38-73
BW 120 AD-4	85-170	65-125	43-85
BW 125AD-4	90-185	70-140	50-95

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

# Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 100 AD-4</b>	4,794	6,591
<b>BW 120 AD-4</b>	5,685	7,816
<b>BW 125AD-4</b>	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
- electronic fuel gauge
- Single point lifting device
- Pressure sprinkler system
- Electronic Engine Immobilizer
- Weather protection cabin
- Battery disconnect switch
- Document bag
- Sun roof
- Flow divider
- Gravel scrapper
- Individual control, vibration
- Backup warning buzzer with broadband technology
- V-belt protection
- Autom. vibration operation

\* 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 AD-4</b>	1728	1076	475	700	1800	2475	255	2475	38	13	1000
<b>BW 120 AD-4</b>	1728	1276	474	700	1800	2475	255	2475	38	13	1200
<b>BW 125AD-4</b>	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	12,0	10,8	13,1
Grossweight .....	kg	2.950	3.150	3.400

## 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 .....	D1703-M-EU34	D1703-M-EU34	D1703-M-EU34	
Cooling .....	water	water	water	
Number of cylinders .....	3	3	3	
Performance ISO 9249 .....	kW	24,3	24,3	24,3
Performance SAE J 1349 .....	hp	32,6	32,6	32,6
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
Oscillating angle +/- .....	grad	7	7

## Exciter system

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

## Sprinkler System

Type of sprinkling .....	gravity	gravity	gravity
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## Capacities

Fuel .....	l	40,0	40,0	40,0
Water .....	l	220,0	220,0	220,0

Technical modifications reserved. Machines may be shown with options.

