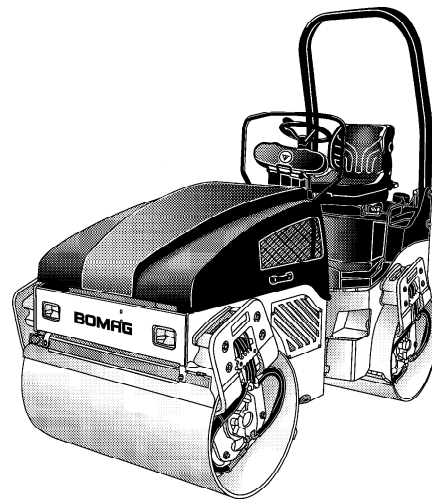


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## TANDEM VIBRATORY ROLLERS BW 100 AD-4, BW 120 AD-4, BW 125AD-4

### PERFORMANCE DATA



Machine type	Compaction output (m <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

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# Technical Data

## Shipping dimensions in m3

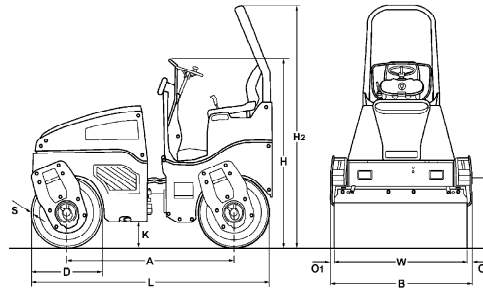
	without ROPS	with ROPS
<b>BW 100 AD-4</b>	4,794	6,591
<b>BW 120 AD-4</b>	5,685	7,816
<b>BW 125AD-4</b>	5,685	7,816

## 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
  - 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
<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

	<b>BOMAG BW 100 AD-4</b>	<b>BOMAG BW 120 AD-4</b>	<b>BOMAG BW 125AD-4</b>
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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
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

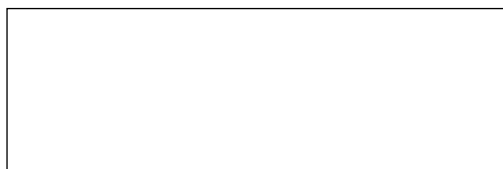
## Sprinkler System

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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