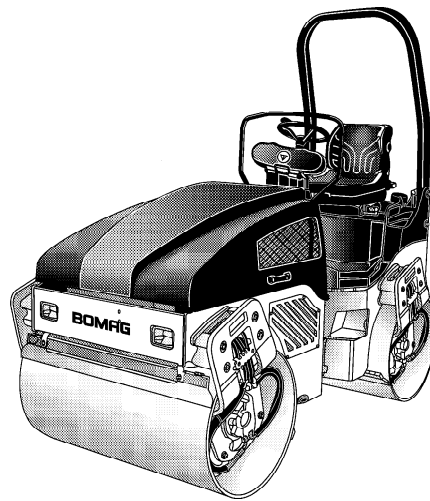




TANDEM VIBRATORY ROLLERS BW 100 AD-4, BW 120 AD-4, BW 125AD-4

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



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

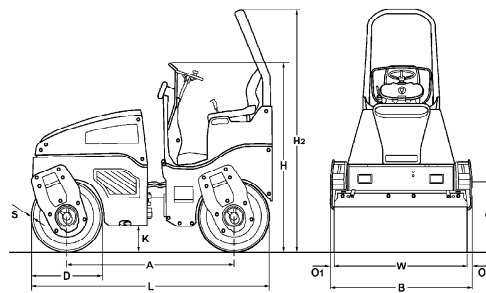
Standard

- ☒ 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

Options

- ☐ * 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 scatterer
- ☐ Individual control, vibration
- ☐ Backup warning buzzer with broadband technology
- ☐ V-belt protection
- ☐ Autom. vibration operation

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



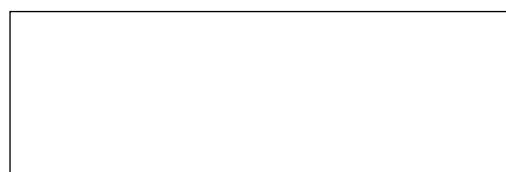
Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
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

		BW 100 AD-4	BW 120 AD-4	BW 125AD-4
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
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	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	0,50	0,51	0,40
Centrifugal force	kN	37/23	45/28	41/29
Sprinkler System				
Type of sprinkling		gravity	gravity	gravity
Capacities				
Fuel	l	40	40	40
Water	l	220	220	220

Technical modifications reserved. Machines may be shown with options.



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