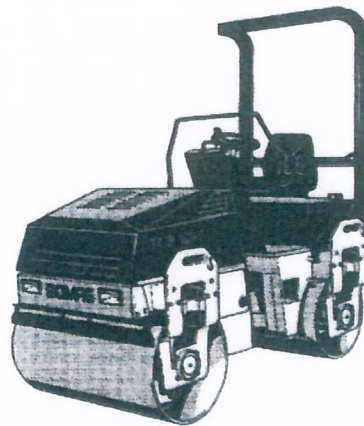


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## TANDEM VIBRATORY ROLLERS BW 100 AD-3, BW 120 AD-3

### 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-3	80-145	55-105	38-73
BW 120 AD-3	85-170	65-125	43-85

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-12 cm
BW 100 AD-3	15-40	40-60	60-100
BW 120 AD-3	20-45	40-70	70-120

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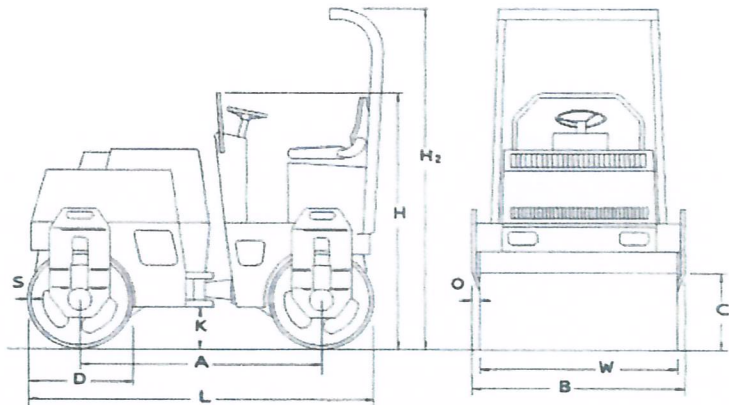
# TECHNICAL DATA

## Standard Equipment

- Hydrostatic drive
- Hydrostatic vibration drive
- Hydrostatic articulated steering
- Vibration control in travel lever
- 2 scrapers per drum
- Seat adjustable for weight
- Plastic water tank
- Gravity water sprinkler system
- Warning indicator lights
- Hour meter
- Lockable anti vandal dashboard protection
- Lockable engine cover
- Transport lashing and lifting points front/rear
- Emergency stop button
- Vibration cut-off, rear drum
- Corrosion and weather protected ignition switch
- ROPS with safety belt
- Seat contact safety device

## Optional Equipment

- High spec. package inc. dual frequency, high speed and work lights •
- Folding ROPS
- ROPS cab
- Road traffic regulation lights
- Asphalt edge cutter
- Flashing beacon
- Back-up alarm
- Pressure sprinkler system
- Special paint
- Tool kit



Dimensions in mm											
	A	B	C	D	H	H <sub>2</sub>	K	L	O	S	W
BW 100 AD-3	1725	1076	555	700	1800	2465	235	2425	38	13	1000
BW 120 AD-3	1725	1276	555	700	1800	2465	235	2425	38	13	1200

### Technical data

#### Weights

Operating weight CECE.....	kg	2400	2630
Operating weight with ROPS.....	kg	2470	2700
Average static linear load CECE.....	kg/m	1240	1130

#### Dimensions

Length with ROPS.....	mm	2475	2475
Turning radius, inner.....	mm	2720	2620
Dimensions.....		see sketch	see sketch

#### Driving Characteristics (depending on site conditions)

Speed (option*).....	kph	0-8.5 (0-10)	0-8.5 (0-10)
Max. gradeability without/with vib.....	%	40/30	40/30

#### Drive

Engine.....	Deutz	Deutz
Type.....	F2L 1011 F	F2L 1011 F
Cooling.....	Air	Air
Number of Cylinders.....	2	2
Performance ISO 9249 (option*)... kW	19.5 (22)	19.5 (22)
Speed (option*).....	2500(3000)	2500(3000)
Electric equipment.....	12	12
Drive system.....	hydrostatic	hydrostatic
Driven drum.....	front/rear	front/rear

#### Brakes

Service brake.....	hydrostatic	hydrostatic
Parking brake.....	hydromech	hydromech

#### Steering

Steering system.....	oscill./artic.	oscill./artic.
Steering method.....	hydrostatic	hydrostatic
Steering angle +/-.....	degrees 30	degrees 30
Oscillating angle +/-.....	degrees 12	degrees 12

#### Vibratory system

Vibrating drum.....	front/rear	front/rear
Drive system.....	hydrostatic	hydrostatic
Frequency (option*).....	Hz 55 (55/66)	Hz 55 (55/66)
Amplitude.....	mm 0.53	mm 0.53
Centrifugal force/drum (option*).....	kN 23(24)	kN 29(29)

#### Sprinkler system

Type.....	gravity	gravity
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#### Capacities

Fuel.....	lt	35	35
Water.....	lt	180	180

Technical data subject to change without notice. Illustrations may show optional equipment.

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