

**TANDEM VIBRATORY ROLLER
BW 161 AD - 5 AM**

PERFORMANCE DATA

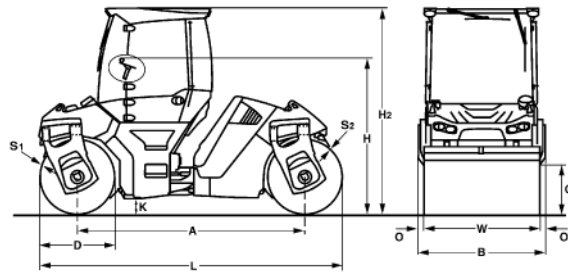


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 AD - 5 AM	180-340	150-280	110-180

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 161 AD - 5 AM	60-130	100-230	160-280

Technical Data

Shipping dimensions in m3 without ROPS with ROPS
BW 161 AD - 5 AM 20,572 27,103



Standard Equipment

- ASPHALT MANAGER 2
- 2 amplitudes / 2 frequencies rear
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Swivel seat with integrated electronic steering wheel
- Emergency stop button
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools
- BOMAG OPERATION PANEL (BOP)
- EVIB-Control panel
- Asphalt temperature display

Optional Equipment

- ROPS cabin with seat belts + heating, Ventilation + 4 Working head lights
- ROPS cabin with air conditioning
- Rotary beacon
- Crab-walk to both sides (170mm)
- 2 LED-lights for cabin roof (flatbeam)
- Edge cutter
- Special painting
- Environmentally compliant hydraulic oil
- Radio/Radio preparation
- ROPS/FOPS with safety belt
- Precision spreader BS180 laterally slidable
- Precision spreader BS180
- Printer for ASPHALT MANAGER 2
- Lighting for drum edge front and rear
- Seat heating
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- BCM-Documentation system

Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S1	S2	W
BW 161 AD - 5 AM	3620	1836	670	1220	2315	3050	250	4840	78	19	17	1680

Technical Data

Weights

Operating weight CECE w. ROPS-cabin	kg	10.200
Grossweight	kg	11.500
Axle load, front CECE	kg	5.300
Axle load, rear CECE	kg	4.900
Static linear load, front CECE	kg/cm	31,6
Static linear load, rear CECE	kg/cm	29,2

Dimensions

Track radius, inner	mm	4.900
Length (without towing hitch)	mm	4.840

Driving Characteristics

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

Drive

Engine manufacturer		Kubota
Type		V3800 CR-TI
Emission stage		3b/4i
Cooling		water
Number of cylinders		4
Performance ISO 14396	kW	85,0
Speed	min-1	2.600

Brakes

Service brake		hydrost.
Parking brake		multi disc

Steering

Steering system		oscil.artic.
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Exciter system

Vibrating drum		rear
Autom. vibr. shut off		standard
Frequency	Hz	45/45
Amplitude	mm	0,87/0,44
Centrifugal force	kN	97/51
Centrifugal force	t	9,9/5,2

Vario system

Frequency	Hz	45
Amplitude directed		autom./variable
Amplitude	mm	0,92
Centifugal force	kN	152
Centifugal force	t	15,5

Capacities

Fuel	l	145,0
Water	l	750,0

Technical modifications reserved. Machines may be shown with options.



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