

TANDEM VIBRATORY ROLLERS
BW 161 AD - 5, BW 190 AD - 5, BW 202 AD - 5

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 AD - 5	150-320	140-260	100-220
BW 190 AD - 5	260-500	180-360	140-220
BW 202 AD - 5	280-550	200-400	150-250

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 161 AD - 5	50-100	100-200	150-230
BW 190 AD - 5	70-120	120-230	190-300
BW 202 AD - 5	80-160	130-270	200-340

Technical Data

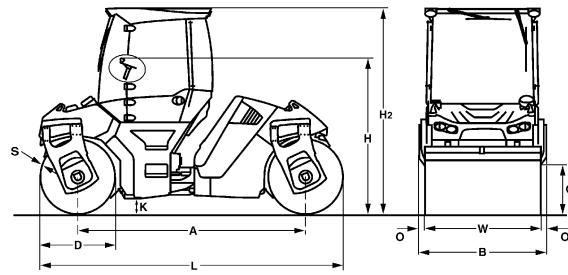
Shipping dimensions in m3	without ROPS	with ROPS
BW 161 AD - 5	20,572	27,103
BW 190 AD - 5	24,045	31,679
BW 202 AD - 5	25,670	33,820

Standard Equipment

- 2 amplitudes / 2 frequencies
- ECOMODE
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable
 - laterally slidable with steering wheel
- Emergency stop button
- On-board computer
 - engine speed
 - Speedometer
 - Fuel consumption
 - Engine temperature
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Compartments for documents and tools

Optional Equipment

- ROPS cabin with seat belts
 - + heating, Ventilation
 - + 4 Working head lights
- ECONOMIZER
- BCM-Documentation system
- 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
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency 70Hz
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors



Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 161 AD - 5	3620	1836	670	1220	2315	3050	250	4840	78	17	1680
BW 190 AD - 5	3620	2146	670	1220	2315	3050	250	4840	78	19	1990
BW 202 AD - 5	3620	2291	670	1220	2315	3050	250	4840	78	19	2135

Technical Data

	BOMAG BW 161 AD - 5	BOMAG BW 190 AD - 5	BOMAG BW 202 AD - 5
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Weights

Operating weight CECE w. cab.kg	10.000	12.050	12.300
Axle load, front CECEkg	5.100	6.200	6.350
Axle load, rear CECEkg	4.900	5.850	5.950
Static linear load, front CECEkg/cm	30,4	31,0	29,7
Static linear load, rear CECEkg/cm	29,2	29,3	27,9
Grossweightkg	11.000	13.000	13.500

Dimensions

Track radius, innermm	4.900	4.745	4.673
Length (without towing hitch)mm	4.840	4.840	4.840

Driving Characteristics

Max. travel speedkm/h	0- 12,0	0- 15,0	0- 12,0
Max. gradeability without/with vibr.%	35/30	35/30	35/30

Drive

Engine manufacturer	Kubota	Kubota	Kubota
Type	V3800 CR-TI	V3800 CR-TI	V3800 CR-TI
Emission stage	3b/4i	3b/4i	3b/4i
Cooling	water	water	water
Number of cylinders	4	4	4
Performance ISO 14396kW	85,0	85,0	85,0
Speedmin-1	2.600	2.600	2.600
Electric equipmentV	12	12	12

Brakes

Service brake	hydrost.	hydrost.	hydrost.
Parking brake	multi disc	multi disc	multi disc

Steering

Steering system	oscil.artic.	oscil.artic.	oscil.artic.
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Exciter system

Vibrating drum	front + rear standard	front + rear standard	front + rear standard
Autom. vibr. shut off			
FrequencyHz	40/55	40/55	40/55
Amplitudemm	0,87/0,44	0,90/0,34	0,84/0,31
Centrifugal forcekN	95/90	126/88	126/88
Centrifugal forcet	9,7/9,2	12,8/9,0	12,8/9,0

Capacities

Fuell	145,0	145,0	145,0
Waterl	750,0	750,0	750,0

Technical modifications reserved. Machines may be shown with options.



PRE 921 10 001

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