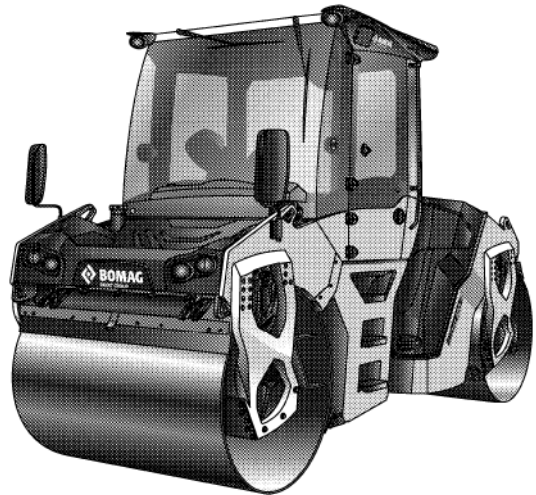


**BOMAG OSZILLATION**  
**BW 161 ADO - 5, BW 190 ADO - 5, BW 202 ADO-5**

**PERFORMANCE DATA**

**TanGO**  
...BOMAG-Oszillation



Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 ADO - 5	150-320	135-260	100-220
BW 190 ADO - 5	260-500	180-360	140-220
BW 202 ADO-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 ADO - 5	50-100	100-200	150-230
BW 190 ADO - 5	70-120	120-230	190-300
BW 202 ADO-5	80-160	130-270	200-340

# Technical Data

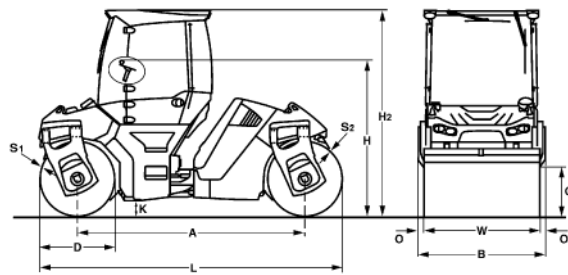
Shipping dimensions in m3	without ROPS	with ROPS
<b>BW 161 ADO - 5</b>	20,572	27,103
<b>BW 190 ADO - 5</b>	24,045	31,679
<b>BW 202 ADO-5</b>	25,670	33,820

## Standard Equipment

- Front drum vibration: 2 amplitudes / 2 frequencies
- TanGO Rear drum Oscillation: 1 Amplitude/ 1 Frequency
- Highly wear resistant oscillation drum
- ECCOMODE
- Autom. vibration operation
- Vibration and oscillation individually switchable
- 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
- 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
- ECONOMIZER
- BCM-Documentation system



## Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S1	S2	W
<b>BW 161 ADO - 5</b>	3620	1836	670	1220	2315	3050	250	4840	78	17	13	1680
<b>BW 190 ADO - 5</b>	3620	2146	670	1220	2315	3050	250	4840	78	19	13	1990
<b>BW 202 ADO-5</b>	3620	2291	670	1220	2315	3050	250	4840	78	19	13	2135

## Technical Data

	BOMAG	BOMAG	BOMAG
	BW 161 ADO - 5	BW 190 ADO - 5	BW 202 ADO-5

## Weights

Operating weight CECE w. cab. ....kg	9.600	11.500	11.650
Axle load, front CECE .....kg	5.100	6.200	6.350
Axle load, rear CECE .....kg	4.500	5.300	5.300
Static linear load, front CECE .....kg/cm	30,4	31,0	29,7
Static linear load, rear CECE .....kg/cm	26,2	25,5	24,4
Grossweight .....kg	10.600	12.700	13.000

## Dimensions

Track radius, inner .....mm	4.900	4.745	4.673
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## Driving Characteristics

Max. travel speed .....km/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 14396 .....kW	85,0	85,0	85,0
Speed .....min-1	2.600	2.600	2.600
Electric equipment .....V	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	front	front
Autom. vibr. shut off .....	standard	standard	standard
Frequency .....Hz	40/55	40/55	40/55
Amplitude .....mm	0,87/0,44	0,90/0,34	0,84/0,31
Centrifugal force .....kN	95/90	126/88	126/88
Centrifugal force .....t	9,7/9,2	12,8/9,0	12,8/9,0
Oscillating drum .....	rear	rear	rear
O. Frequency .....Hz	40	40	40
O. Amplitude .....mm	1,38	1,36	1,37

## Capacities

Fuel .....l	145,0	145,0	145,0
Water .....l	750,0	750,0	750,0

Technical modifications reserved. Machines may be shown with options.



PRE 921 30 001

110414 Sa02

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