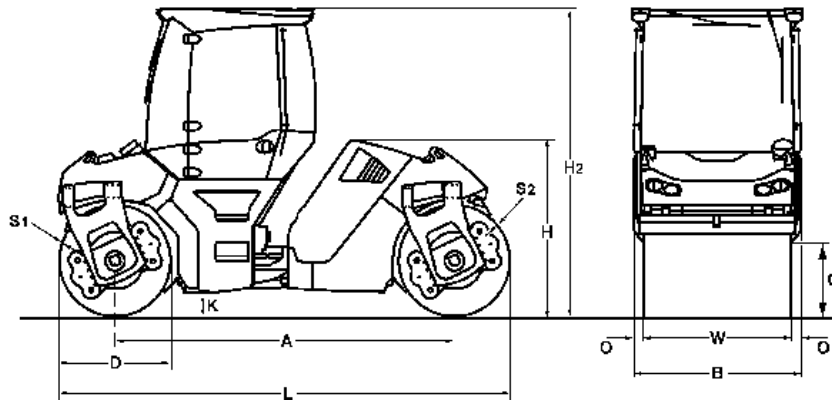


# TECHNICAL DATA

BOMAG OSZILLATION

BW 161 ADO - 50, BW 202 ADO - 50, BW 206 ADO-50





**Dimensions in mm**

	A	B	C	D	H	H2	K	L	O	S1	S2	W
<b>BW 161 ADO - 50</b>	3620	1836	670	1220	2315	3050	250	4840	78	17	20	1680
<b>BW 202 ADO - 50</b>	3620	2291	670	1220	2315	3050	250	4840	78	19	20	2135
<b>BW 206 ADO-50</b>	3900	2313	760	1400	2364	3093	250	5300	89	19	20	2135

**Shipping dimensions in m3**

**BW 161 ADO - 50**  
**BW 202 ADO - 50**  
**BW 206 ADO-50**

**without ROPS**

20,572  
 25,670  
 28,980

**with ROPS**

27,103  
 33,820  
 37,917

Machine type	Compaction output (m3/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 ADO - 50	150-320	140-260	100-220
BW 202 ADO - 50	280-550	200-400	150-250
BW 206 ADO-50	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 - 50	50-100	100-200	150-230
BW 202 ADO - 50	80-160	130-270	200-340
BW 206 ADO-50	80-160	130-270	200-340

**Technical Data****BOMAG  
BW 161 ADO - 50****BOMAG  
BW 202 ADO - 50****BOMAG  
BW 206 ADO-50****Weights**

Operating weight CECE w. cab. ....	kg	9.800	11.850	13.700
Axle load, front CECE .....	kg	5.100	6.350	6.950
Axle load, rear CECE .....	kg	4.600	5.500	6.750
Static linear load, front CECE .....	kg/cm	30,4	29,7	32,6
Static linear load, rear CECE .....	kg/cm	27,4	25,8	31,6
Grossweight .....	kg	10.800	12.800	16.000

**Dimensions**

Track radius, inner .....	mm	4.900	4.673	5.117
---------------------------	----	-------	-------	-------

**Driving Characteristics**

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

**Drive**

Engine manufacturer .....		Deutz	Deutz	Deutz
Type .....		BF4M 2012 C	BF4M 2012 C	BF4M 2012 C
Emission stage .....		Stage II / TIER2	Stage II / TIER2	Stufe 2 / Tier 2
Cooling .....		Liquid	Liquid	Liquid
Number of cylinders .....		4	4	4
Performance ISO 14396 .....	kW	103,0	103,0	103,0
Performance SAE J 1995 .....	hp	138,0	138,0	138,0
Speed .....	min-1	2.500	2.500	2.500
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.
-----------------------	--	--------------	--------------	--------------

**Exciter system**

Vibrating drum .....		front	front	front + rear
Autom. vibr. shut off .....		standard	standard	standard
Frequency .....	Hz	40/55	40/55	40/50
Amplitude .....	mm	0,87/0,44	0,84/0,31	0,94/0,44
Centrifugal force .....	kN	95/90	126/88	129/95
Centrifugal force .....	t	9,7/9,2	12,8/9,0	13,1/9,7
Oscillating drum .....		rear	rear	rear
O. Frequency .....	Hz	40	40	40
O. Amplitude .....	mm	1,03	1,02	1,03

**Capacities**

Fuel .....	l	145,0	145,0	165,0
Water .....	l	750,0	750,0	970,0

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- Front drum vibration: 2 amplitudes / 2 frequencies
- TanGO Rear drum Oscillation: 1 Amplitude/ 1 Frequency
- Highly wear resistant oscillation drum
- Autom. vibration operation
- Individual vibration control
- Driver's seat, slewable
  - laterally slidable with steering wheel
- V-belt protection
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch
- Folding scrapers

### Optional Equipment

- ROPS cabin with seat belts
  - + heating, Ventilation
  - + 4 Working head lights
- Crab-walk to both sides (170mm)
- ROPS cabin with air conditioning
- Rotary beacon
- 2 LED-lights for cabin roof (flatbeam)
- ROPS/FOPS
- Asphalt temperature display
- BOMAG TELEMATIC START
- Compartments for documents and tools
- Outside mirrors
- Working lights
- Lights with german regulations
- Frequency 67Hz(BW161),70Hz(BW202)
- ECONOMIZER
- Edge cutter
- BOMAP compaction navigation with GPS

