

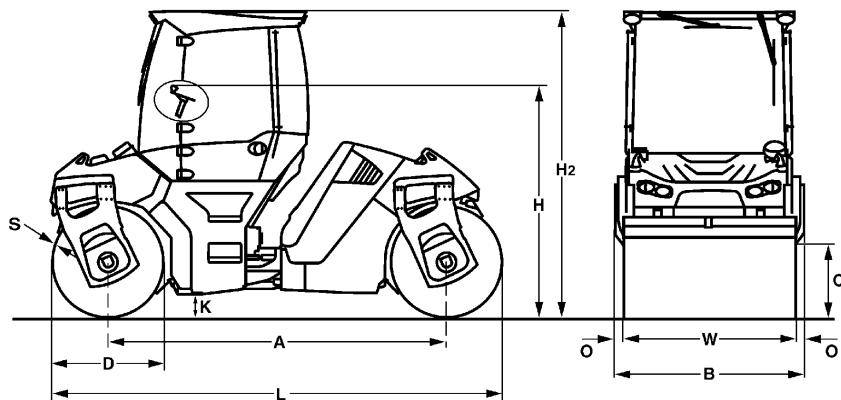


# TECHNICAL DATA

TANDEM ROLLER

BW 191 AD-5 AM, BW 206 AD-5 AM





### Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S1	S2	W
<b>BW 191 AD-5 AM</b>	3900	2178	760	1400	2364	3098	250	5300	89	22	19	2000
<b>BW 206 AD-5 AM</b>	3900	2313	760	1400	2364	3098	250	5300	89	22	19	2135

### Shipping dimensions in m<sup>3</sup>

	without ROPS	with ROPS
<b>BW 191 AD-5 AM</b>	27,289	35,761
<b>BW 206 AD-5 AM</b>	28,980	37,978

Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 191 AD-5 AM	180-340	150-280	110-180
BW 206 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 191 AD-5 AM	60-130	100-230	160-280
BW 206 AD-5 AM	60-130	100-230	160-280

<b>Technical Data</b>		<b>BOMAG BW 191 AD-5 AM</b>	<b>BOMAG BW 206 AD-5 AM</b>
<b>Weights</b>			
Operating weight CECE w. ROPS-cabin .....	kg	13.900	14.500
Grossweight .....	kg	15.000	16.000
Axle load, front CECE .....	kg	7.050	7.350
Axle load, rear CECE .....	kg	6.850	7.150
Static linear load, front CECE .....	kg/cm	35,3	34,4
Static linear load, rear CECE .....	kg/cm	34,3	33,5
<b>Dimensions</b>			
Track radius, inner .....	mm	5.190	5.117
Length (without towing hitch) .....	mm	5.300	5.300
<b>Driving Characteristics</b>			
Max. travel speed .....	km/h	0- 12,0	0- 12,0
Max. gradeability without/with vibr. .....	%	35/30	35/30
<b>Drive</b>			
Engine manufacturer .....		Deutz	Deutz
Type .....		TCD 4.1 L04	TCD 4.1 L04
Emission stage .....		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment .....		DPF+SCR	DPF+SCR
Cooling .....		Liquid	Liquid
Number of cylinders .....		4	4
Performance ISO 14396 .....	kW	105,0	105,0
Performance SAE J 1995 .....	hp	141,0	141,0
Speed .....	min-1	2.300	2.300
<b>Brakes</b>			
Service brake .....		hydrost.	hydrost.
Parking brake .....		multi disc	multi disc
<b>Steering</b>			
Steering system .....		oscil.artic.	oscil.artic.
<b>Exciter system</b>			
Vibrating drum .....		front + rear	front + rear
Autom. vibr. shut off .....		standard	standard
Frequency .....	Hz	46/45	46/45
Amplitude .....	mm	0,94/0,44	0,92/0,42
Centrifugal force .....	kN	163/75	163/75
Centrifugal force .....	t	16,6/7,6	16,6/7,6
<b>Vario system</b>			
ASPHALT MANAGER .....		front	front
Frequency .....	Hz	46	46
Amplitude directed .....		autom./variable	autom./variable
Amplitude .....	mm	0- 0,87	0- 0,85
Centrifugal force .....	kN	120	120
Centrifugal force .....	t	12,2	12,2
<b>Capacities</b>			
Fuel .....	l	165,0	165,0
Water .....	l	970,0	970,0

Technical modifications reserved. Machines may be shown with options.

### **Standard Equipment**

- ASPHALT MANAGER 2
- Highly wear resistant AM drum
- Oscillation mode
- 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
- Printer for ASPHALT MANAGER 2
- Lighting for drum edge front and rear
- Seat heating
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- BOMAP compaction navigation with GPS