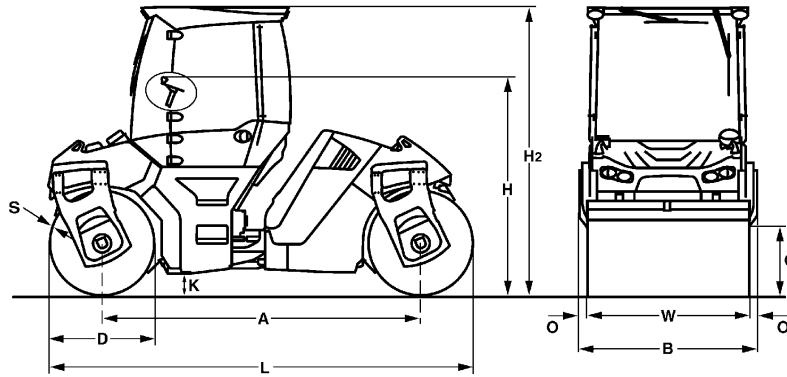


# TECHNICAL DATA

TANDEM ROLLER

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





**Dimensions in in**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>H</b>	<b>H2</b>	<b>K</b>	<b>L</b>	<b>O</b>	<b>S1</b>	<b>S2</b>	<b>W</b>
<b>BW 191 AD-5 AM</b>	153.5	85.7	29.9	55.1	93.1	122.0	9.8	208.7	3.5	0.9	0.7	78.7
<b>BW 206 AD-5 AM</b>	153.5	91.1	29.9	55.1	93.1	122.0	9.8	208.7	3.5	0.9	0.7	84.1

**Shipping dimensions in cub.yd**

**BW 191 AD-5 AM**  
**BW 206 AD-5 AM**

**without ROPS**

35.684  
 37.933

**with ROPS**

46.761  
 49.708

<b>Machine type</b>	<b>Compaction output (cub.yd/h) at recommended soil layer thicknesses</b>		
	<b>Gravel, sand</b>	<b>Mixed soil</b>	<b>Silt, clay</b>
BW 191 AD-5 AM	235.4-444.7	196.2-366.2	143.9-235.4
BW 206 AD-5 AM	235.4-444.7	196.2-366.2	143.9-235.4

<b>Machine type</b>	<b>Compaction output (t/h) at different asphalt layer thicknesses</b>		
	<b>0.8-1.6 in</b>	<b>2.4-3.1 in</b>	<b>3.9-5.5 in</b>
BW 191 AD-5 AM	60-130	100-230	160-280
BW 206 AD-5 AM	60-130	100-230	160-280

**Technical Data****BOMAG  
BW 191 AD-5 AM****BOMAG  
BW 206 AD-5 AM****Weights**

Operating weight CECE w. ROPS-cabin .....	lb	30,644	31,967
Grossweight .....	lb	33,070	35,274
Axle load, front CECE .....	lb	15,543	16,204
Axle load, rear CECE .....	lb	15,102	15,763
Static linear load, front CECE .....	lb/in	197.4	192.8
Static linear load, rear CECE .....	lb/in	191.8	187.5

**Dimensions**

Track radius, inner .....	in	204.3	201.5
Length (without towing hitch) .....	in	208.7	208.7

**Driving Characteristics**

Max. travel speed .....	mph	0- 7.5	0- 7.5
Max. gradeability without/with vibr. ....	%	35/30	35/30

**Drive**

Engine manufacturer .....		Deutz	Deutz
Type .....		TCD 4.1 L04	TCD 4.1 L04
Emission stage .....		4/4	4/4
Cooling .....		water	water
Number of cylinders .....		4	4
Performance ISO 14396 .....	kW	105.0	105.0
Speed .....	min-1	2,300	2,300

**Brakes**

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

**Steering**

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

Vibrating drum .....		front + rear	front + rear
Autom. vibr. shut off .....		standard	standard
Frequency .....	vpm	2,700/2,700	2,700/2,700
Amplitude .....	in	0.037/0.017	0.036/0.017
Centrifugal force .....	lb	36,644/16,861	36,644/16,861
Centrifugal force .....	t	16.6/7.6	16.6/7.6

**Vario system**

ASPHALT MANAGER .....		front	front
Frequency .....	Hz	45	45
Amplitude directed .....		autom./variable	autom./variable
Amplitude .....	in	0- 0.034	0- 0.033
Centifugal force .....	lb	26,977	26,977
Centifugal force .....	t	12.2	12.2

**Capacities**

Fuel .....	gal	43.6	43.6
Water .....	gal	256.2	256.2

Technical modifications reserved. Machines may be shown with options.

### 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 (6.7in)
- 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
- BCM-Documentation system

