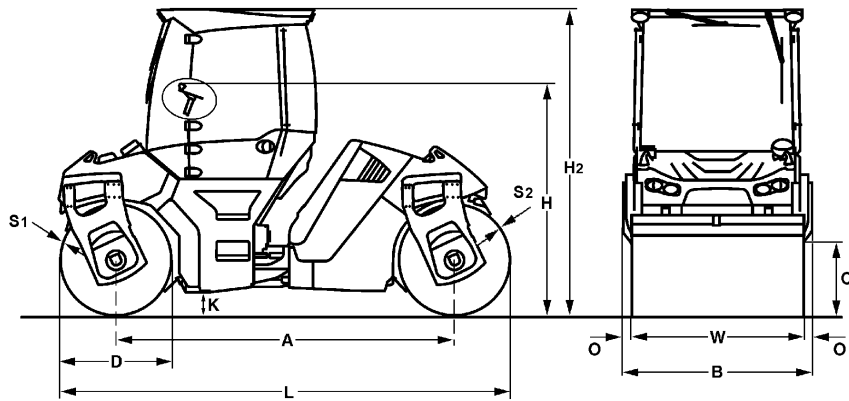


TECHNICAL DATA

BOMAG OSZILLATION

BW 191 ADO-5, BW 206 ADO-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S1	S2	W
BW 191 ADO-5	153.5	85.7	29.9	55.1	93.1	121.8	9.8	208.7	3.5	0.75	0.79	78.7
BW 206 ADO-5	153.5	91.1	29.9	55.1	93.1	121.8	9.8	208.7	3.5	0.75	0.79	84.1

Shipping dimensions in cub.yd

BW 191 ADO-5
BW 206 ADO-5

without ROPS

35,684
37,933

with ROPS

46,685
49,626

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 191 ADO-5	340.1-654.0	235.4-470.9	183.1-287.7
BW 206 ADO-5	366.2-719.4	261.6-523.2	196.2-327.0

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	0.8-1.6 in	2.4-3.1 in	3.9-5.5 in
BW 191 ADO-5	91.6-157.0	157.0-300.8	248.5-392.4
BW 206 ADO-5	104.6-209.3	170.0-353.1	261.6-444.7

Technical Data

BOMAG BW 191 ADO-5

BOMAG BW 206 ADO-5

Weights

Operating weight CECE w. cab.	lb	29,322	30,203
Axle load, front CECE	lb	14,661	15,322
Axle load, rear CECE	lb	14,881	14,881
Static linear load, front CECE	lb/in	186.2	182.3
Static linear load, rear CECE	lb/in	189.0	177.0
Grossweight	lb	32,188	35,274

Dimensions

Track radius, inner	in	204.3	201.5
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Driving Characteristics

Max. travel speed	mph	0- 7.5	0- 7.5
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Drive

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	hp	140.8	140.8
Performance SAE J 1995	hp	141.0	141.0
Speed	rpm	2,300	2,300
Electric equipment	V	12	12

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	2,400.0/3,000.0	2,400.0/3,000.0
Amplitude	in	0.037/0.017	0.037/0.017
Centrifugal force	lb	28.978/21.357	28.978/21.357
Centrifugal force	t	2,945/2,181	2,945/2,181
Oscillating drum		rear	rear
O. Frequency	vpm	2,400.0/0.0	2,400.0/0.0
O. Amplitude	in	0.041	0.041

Capacities

Fuel	gal	43.6	43.6
Water	gal	256.2	256.2

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
- ☒ ECOMODE
- ☒ 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 (6.7in)
- ☐ 2 LED-lights for cabin roof (flatbeam)
- ☐ Edge cutter
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Radio/Radio preparation
- ☐ ROPS/FOPS with safety belt
- ☐ 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
- ☐ BOMAP compaction navigation with GPS

