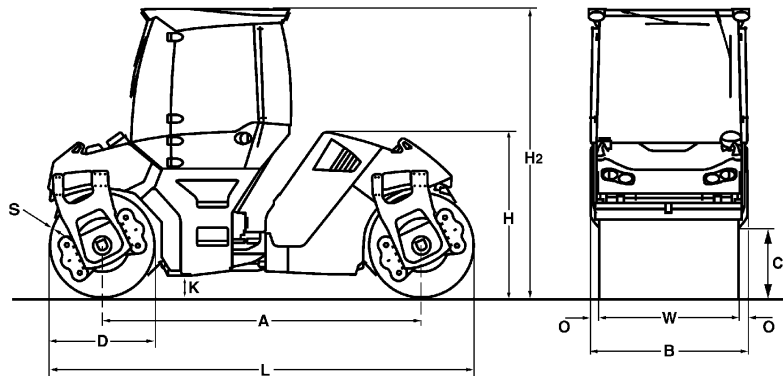


TECHNICAL DATA

BOMAG OSZILLATION

BW 161 ADO - 5, BW 190 ADO - 5





Dimensions in in

	A	B	C	D	H	H2	K	L	O	S1	S2	W
BW 161 ADO - 5	142.5	72.3	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.7	0.5	66.1
BW 190 ADO - 5	142.5	84.5	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.7	0.5	78.3

Shipping dimensions in cub.yd

BW 161 ADO - 5
BW 190 ADO - 5

without ROPS

26.903
 31.443

with ROPS

35.467
 41.452

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 ADO - 5	196.2-418.5	176.6-340.1	130.8-287.7
BW 190 ADO - 5	340.1-654.0	235.4-470.9	183.1-287.7

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 161 ADO - 5	50-100	100-200	150-230
BW 190 ADO - 5	70-120	120-230	190-300

Technical Data**BOMAG
BW 161 ADO - 5****BOMAG
BW 190 ADO - 5****Weights**

Operating weight CECE w. cab.	lb	21,164	25,353
Axle load, front CECE	lb	11,244	13,669
Axle load, rear CECE	lb	9,921	11,685
Static linear load, front CECE	lb/in	170.0	173.6
Static linear load, rear CECE	lb/in	146.7	142.8
Grossweight	lb	23,369	27,999

Dimensions

Track radius, inner	in	192.9	186.8
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Driving Characteristics

Max. travel speed	mph	0- 7.5	0- 9.3
Max. gradeability without/with vibr.	%	35/30	35/30

Drive

Engine manufacturer		Kubota	Kubota
Type		V3800 CR-TI	V3800 CR-TI
Emission stage		3b/4i	3b/4i
Cooling		water	water
Number of cylinders		4	4
Performance ISO 14396	kW	85.0	85.0
Speed	min-1	2,600	2,600
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	front
Autom. vibr. shut off		standard	standard
Frequency	vpm	2,400/3,300	2,400/3,300
Amplitude	in	0.034/0.017	0.035/0.013
Centrifugal force	lb	21,357/20,233	28,326/19,783
Centrifugal force	t	9.7/9.2	12.8/9.0
Oscillating drum		rear	rear
O. Frequency	vpm	2,400	2,400
O. Amplitude	in	0.054	0.053

Capacities

Fuel	gal	38.3	38.3
Water	gal	198.1	198.1

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
- Precision spreader BS180 laterally slidable
- Precision spreader BS180
- Asphalt temperature display
- Lighting for drum edge front and rear
- Seat heating
- Frequency
 - 4,020vpm(BW161),4,200vpm(BW190)
- Approval by the German TÜV
- BOMAG TELEMATIC POWER
- Outside mirrors
- ECONOMIZER
- BCM-Documentation system

