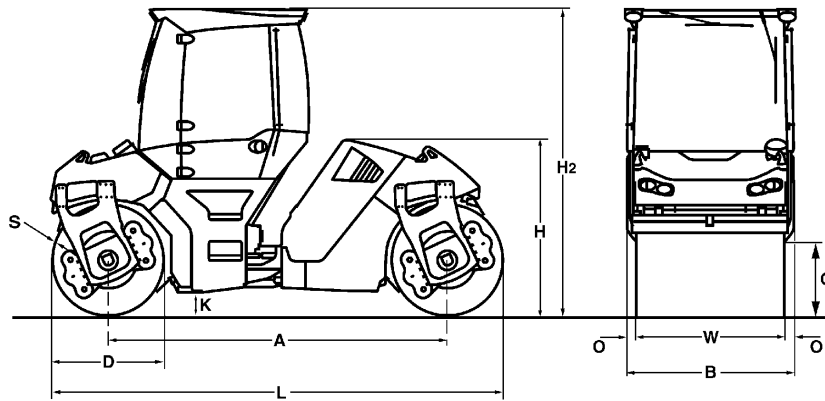


TECHNICAL DATA

TANDEM ROLLERS

BW 161 AD-5, BW 190 AD-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 161 AD-5	142.5	72.3	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.67	66.1
BW 190 AD-5	142.5	84.5	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.75	78.3

Shipping dimensions in cub.yd

BW 161 AD-5
BW 190 AD-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 AD-5	196.2-418.5	183.1-340.1	130.8-287.7
BW 190 AD-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 AD-5	65.4-130.8	130.8-261.6	196.2-300.8
BW 190 AD-5	91.6-157.0	157.0-300.8	248.5-392.4

Technical Data

BOMAG BW 161 AD-5

BOMAG BW 190 AD-5

Weights

Operating weight CECE w. cab.	lb	22,046	26,566
Axle load, front CECE	lb	11,244	13,669
Axle load, rear CECE	lb	10,803	12,897
Static linear load, front CECE	lb/in	170.2	173.6
Static linear load, rear CECE	lb/in	163.5	164.1
Grossweight	lb	24,251	28,660

Dimensions

Track radius, inner	in	192.9	186.8
Length (without towing hitch)	in	190.6	190.6

Driving Characteristics

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

Drive

Engine manufacturer		Deutz	Deutz
Type		TCD 3.6 L4	TCD 3.6 L4
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	127.4	127.4
Performance SAE J 1995	hp	127.0	127.0
Speed	min-1	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.
-----------------------	--	--------------	--------------

Exciter system

Vibrating drum		front + rear	front + rear
Autom. vibr. shut off		standard	standard
Frequency	vpm	2,400.0/3,180.0	2,400.0/3,300.0
Amplitude	in	0.034/0.017	0.035/0.013
Centrifugal force	lb	21,357/20,233	28,326/19,783
Centrifugal force	t	2,181/2,068	2,878/2,023

Capacities

Fuel	gal	38.3	38.3
Water	gal	198.1	198.1

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ 2 amplitudes / 2 frequencies
- ☒ ECOMODE
- ☒ Autom. vibration operation
- ☒ Individual vibration control
- ☒ 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
- ☐ ECONOMIZER
- ☐ 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 67Hz(BW161), 70Hz(BW190)
- ☐ Approval by the German TÜV
- ☐ BOMAG TELEMATIC POWER
- ☐ Outside mirrors
- ☐ BOMAP compaction navigation with GPS



PRUS 921 10 010

150221 Sa02

BOMAG Americas, Inc.
125 Blue Granite Parkway
Ridgeway, SC 29130
USA
Tel. +1 803 3370700
Fax +1 803 3370800
www.bomag.com/us

