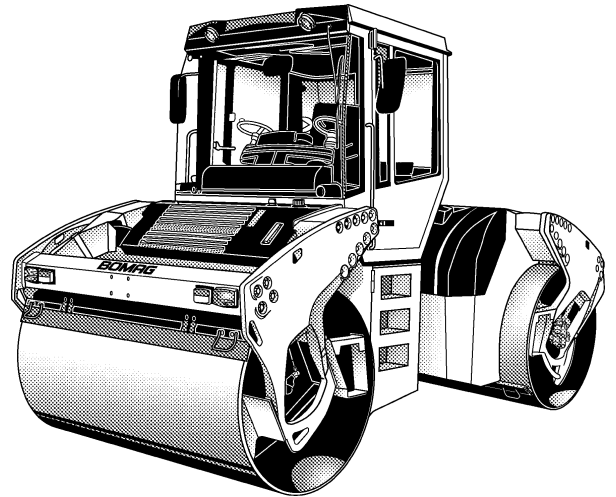


**TANDEM VIBRATORY ROLLER
BW 161 AD-4, BW 190 AD-4**

PERFORMANCE DATA

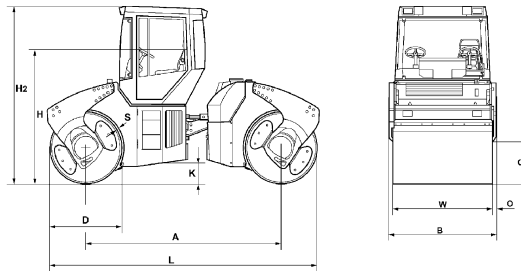


Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 161 AD-4	150-320	135-260	100-220
BW 190 AD-4	260-500	180-360	140-220

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 161 AD-4	50-100	100-200	150-230
BW 190 AD-4	70-120	120-230	190-300

Technical Data

Shipping dimensions in m3	without ROPS	with ROPS
BW 161 AD-4	19,679	25,447
BW 190 AD-4	23,102	29,873



Standard Equipment

- 2 amplitudes / 2 frequencies
- Crab steer right/left 170 mm
- Autom. vibration operation
- Individual vibration control
- Operator's platform with:
 - two steering wheels
 - Rotable and laterally sliding seat
- 2 travel levers with integrated switches for vibration
 - + Edge pressing roller
 - + Crab steer right/left
- Pressure sprinkling system with 2 pumps
- Back-up alarm
- Battery disconnect switch

Optional Equipment

- * ROPS cabin with seat belts with/without independent heating + 4 integrated lights
- * Indicator and hazard lights
- ROPS/FOPS with safety belt
- Sun roof
- Rotary beacon
- Speedometer
- Edge cutter
- Folding scrapers
- Special painting
- Environmentally compliant hydraulic oil
- Additional weight (600kg)
- Air condition
- Electronic Engine Immobilizer
- EVIB-Control panel
- Tool box
- Air intake for dusty conditions
- Gravel scrapper
- Radio
- Additional outside mirrors
- Asphalt temperature display
- V-belt protection

* Standard delivery with CE conformity (valid within European Union)

Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 161 AD-4	3300	1840	715	1220	2320	3000	350	4610	80	17	1680
BW 190 AD-4	3300	2160	715	1220	2320	3000	350	4610	80	19	2000

Technical Data

Weights

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Operating weight CECE w. cab.	10.000	11.100
Axle load, front CECE	5.050	5.600
Axle load, rear CECE	4.950	5.500
Static linear load, front CECE	30,1	28,0
Static linear load, rear CECE	29,5	27,5
Grossweight	11.900	12.500

Dimensions

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Track radius, inner	4.400	4.240
Length (without towing hitch)	4.540	4.540

Driving Characteristics

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Speed (1)	0- 5,7	0- 5,7
Speed (2)	0- 11,0	0- 11,0
Max. gradeability without/with vibr.	40/35	40/35

Drive

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Engine manufacturer	Deutz	Deutz
Type	TCD 2011 L04 w	TCD 2012 L04 2V
Emission stage	3a/3	3a/3
Cooling	water	water
Number of cylinders	4	4
Performance ISO 14396	74,9	100,0
Performance SAE J 1995	100,4	134,0
Speed	2.300	2.300
Electric equipment	12	12

Brakes

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Service brake	hydrost.	hydrost.
Parking brake	mech.	mech.

Steering

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Steering system	oscil.artic.	oscil.artic.
Lateral displacement right/left	170	170
Steering / oscillating angle +/-	30/6	30/6

Exciter system

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Vibrating drum	front + rear	front + rear
Autom. vibr. shut off	standard	standard
Frequency	40/50	40/50
Amplitude	0,94/0,42	0,85/0,36
Centrifugal force	107/74	126/84
Centrifugal force	10,9/7,5	12,8/8,6

Capacities

	BOMAG BW 161 AD-4	BOMAG BW 190 AD-4
Fuel	200,0	200,0
Water	1.000,0	1.000,0

Technical modifications reserved. Machines may be shown with options.



BOMAG
Hellerwald
D-56154 Boppard
P.O. Box 5162
Tel. (0)6742 - 1000
Fax (0)6742 - 3090

