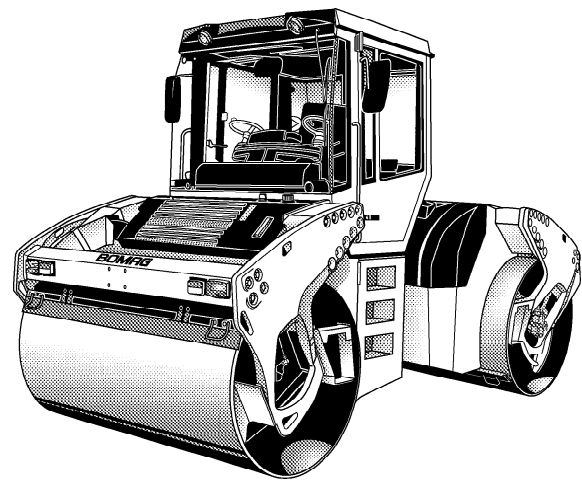


# BOMAG

## TANDEM VIBRATORY ROLLER BW 161 AD-4, BW 161 ADH-4

### PERFORMANCE DATA



Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	mixed soil	Silt, clay
BW 161 AD-4	150-320	135-260	100-220
BW 161 ADH-4	150-340	135-280	100-220

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 161 ADH-4	55-110	105-210	160-250

# BOMAG

# Technical Data

## Shipping dimensions in m3

**BW 161 AD-4**

**BW 161 ADH-4**

## without ROPS with ROPS

19,679 25,447

19,679 25,447

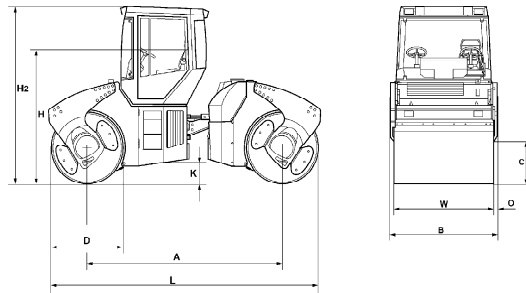
## Standard Equipment

- 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
- Vehicle electrics with modular technology
- 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
- Air condition
- Electronic Engine Immobilizer
- EVIB-Control panel
- Tool box
- Air intake for dusty conditions

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



## Dimensions in mm

	A	B	C	D	H	H2	K	L	O	W
<b>BW 161 AD-4</b>	3300	1840	715	1220	2320	3000	350	4610	80	1680
<b>BW 161 ADH-4</b>	3300	1840	715	1220	2320	3000	350	4610	80	1680

## Technical Data

### Weights

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Operating weight CECE .....	kg 9.800	10.400
Operating weight CECE w. cab. ....	kg 10.300	10.900
Axle load, front CECE .....	kg 5.200	5.500
Axle load, rear CECE .....	kg 5.100	5.400
Static linear load, front CECE .....	kg/cm 31	32,7
Static linear load, rear CECE .....	kg/cm 30,4	32,1

### Dimensions

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Track radius, inner .....	mm 4.400	4.400
Shell thickness, front / rear .....	mm 17 / 17	17 / 17
Length (without towing hitch) .....	mm 4.540	4.540

### Driving Characteristics

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Speed (1) .....	km/h 0- 6,0	0- 6,0
Speed (2) .....	km/h 0- 11,0	0- 11,0
Max. gradeability without/with vibr. ....	% 40/35	40/35
(depending on site conditions) .....		

### Drive

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Engine manufacturer .....	Deutz	Deutz
Type .....	BF4M 2012	BF4M 2012 C
Cooling .....	water	water
Number of cylinders .....	4	4
Performance ISO 9249 .....	kW 74,9	98
Performance SAE J 1349 .....	hp 99	131
Speed .....	min-1 2.300	2.300
Electric equipment .....	V 12	12

### Brakes

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

### Steering

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

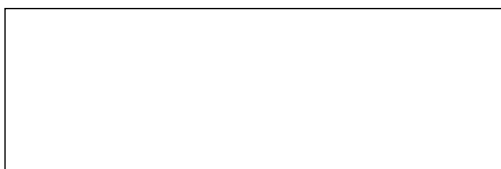
### Exciter system

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Vibrating drum .....	front + rear standard	front + rear standard
Autom. vibr. shut off .....	40/50	40/50
Frequency .....	Hz 40/50	40/50
Amplitude .....	mm 0,91/0,39	0,91/0,39
Centrifugal force .....	kN 126/84	126/84
Centrifugal force .....	t 12,8/8,6	12,8/8,6

### Capacities

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Fuel .....	l 200	200
Water .....	l 1.000	1.000

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  
 Fax (0)6742 - 3090

# BOMAG