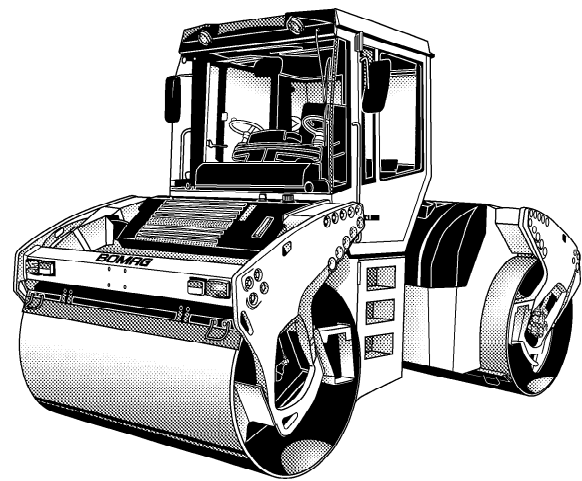


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TANDEM VIBRATORY ROLLER BW 161 AD-4, BW 161 ADH-4

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 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

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Technical Data

Shipping dimensions in m3

	without ROPS	with ROPS
BW 161 AD-4	19,679	25,447
BW 161 ADH-4	19,679	25,447

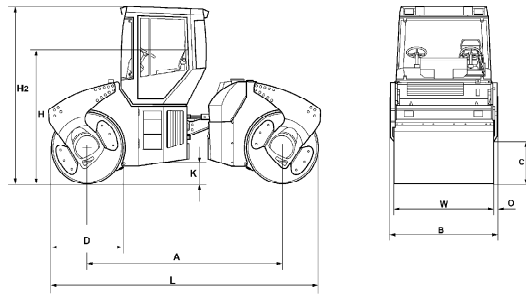
Standard Equipment

- Hydrostatic travel and vibration drive
- 2 amplitudes / 2 frequencies
- Hydrostatic articulated steering
- 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

Optional Equipment

- * ROPS cabin with seat belts with/without independent heating
 - + Outside mirror
 - + 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

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



Dimensions in mm

	A	B	C	D	H	H2	K	L	O	W
BW 161 AD-4	3300	1840	715	1220	2320	3000	350	4610	80	1680
BW 161 ADH-4	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	9.800 kg	10.400 kg
Operating weight CECE w. cab.	10.300 kg	10.900 kg
Axle load, front CECE	5.200 kg	5.500 kg
Axle load, rear CECE	5.100 kg	5.400 kg
Static linear load, front CECE	31 kg/cm	32,7 kg/cm
Static linear load, rear CECE	30,4 kg/cm	32,1 kg/cm

Dimensions

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

Driving Characteristics

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Speed (1)	0- 6,0 km/h	0- 6,0 km/h
Speed (2)	0- 11,0 km/h	0- 11,0 km/h
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	74,9 kW	98 kW
Performance SAE J 1349	99 hp	131 hp
Speed	2.300 min-1	2.300 min-1
Fuel	diesel	diesel
Electric equipment	V 12	V 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.
Steering method	hydrost.	hydrost.
Lateral displacement right/left	170 mm	170 mm
Steering / oscillating angle +/-	30/6 grad	30/6 grad

Exciter system

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

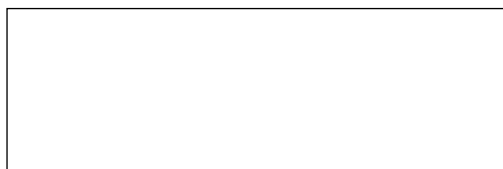
Sprinkler System

	BOMAG BW 161 AD-4	BOMAG BW 161 ADH-4
Water tank	plastic	plastic
Interval switch	standard	standard

Capacities

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

Technical modifications reserved. Machines may be shown with options.



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