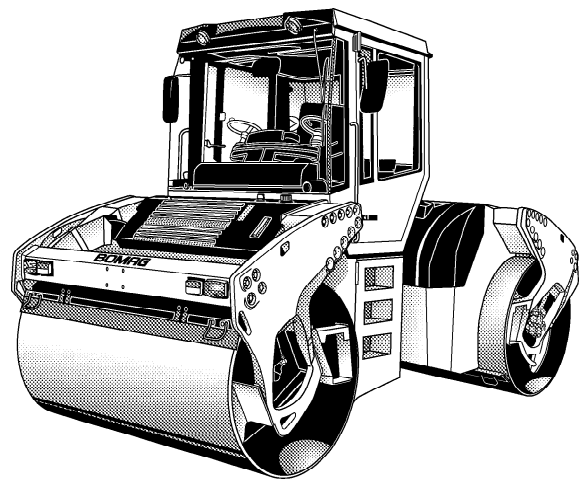


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TANDEM VIBRATORY ROLLERS BW 161 ADH-4 HF

PERFORMANCE DATA



Machine type	Compaction output (m ³ /h) at recommended soil layer thicknesses		
	Gravel, sand	mixed soil	Silt, clay
BW 161 ADH-4 HF	160-400	140-300	100-220

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 161 ADH-4 HF	60-120	120-230	160-250

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Technical Data

Shipping dimensions in m3
BW 161 ADH-4 HF

without ROPSwith ROPS
19,295 24,950

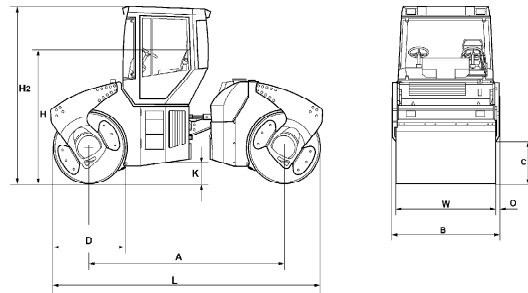
Standard Equipment

- ☒ 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
- ☒ High capacity plastic water tanks
- ☒ Pressure sprinkling system with 2 pumps
- ☒ Back-up alarm

Optional Equipment

- ☐ ROPS / FOPS with safety belt
 - + 4 integrated lights
- ☐ * Indicator and hazard lights
- ☐ 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 ADH-4 HF	3300	1840	715	1220	2320	3000	350	4520	80	1680

Technical Data

Weights

Operating weight CECE	kg	10.200
Operating weight w. ROPS CECE	kg	10.500
Axle load, front CECE	kg	5.000
Axle load, rear CECE	kg	5.200
Static linear load, front CECE	kg/cm	29,8
Static linear load, rear CECE	kg/cm	31

Dimensions

Track radius, inner	mm	4.400
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Driving Characteristics

Speed (1)	km/h	0- 5,7
Speed (2)	km/h	0- 11,3
Max. gradeability without/with vibr.	%	40/35

Drive

Engine manufacturer		Deutz
Type		BF4M 2012 C
Cooling		water
Number of cylinders		4
Performance ISO 9249	kW	98
Performance SAE J 1349	hp	131
Speed	min-1	2.300
Fuel		diesel
Electric equipment	V	12
Driven drum		front + rear

Brakes

Service brake	hydrost.
Parking brake	mech.

Steering

Steering system	oscil.artic.	
Steering method	hydrost.	
Lateral displacement right/left	mm	170
Steering / oscillating angle +/-	grad	30/6

Exciter system

Vibrating drum		front + rear
Drive system		hydrost.
Autom. vibr. shut off		standard
Frequency	Hz	48/60
Amplitude	mm	0,91/0,41
Centrifugal force	kN	182/128
Centrifugal force	t	18,6/13

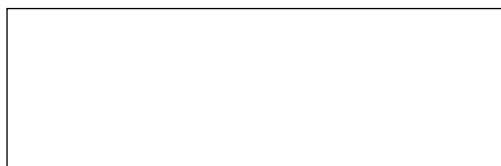
Sprinkler System

Water tank	plastic
Type of sprinkling	Druck
Interval switch	standard

Capacities

Fuel	l	200
Water	l	1.000

Technical modifications reserved. Machines may be shown with options.



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