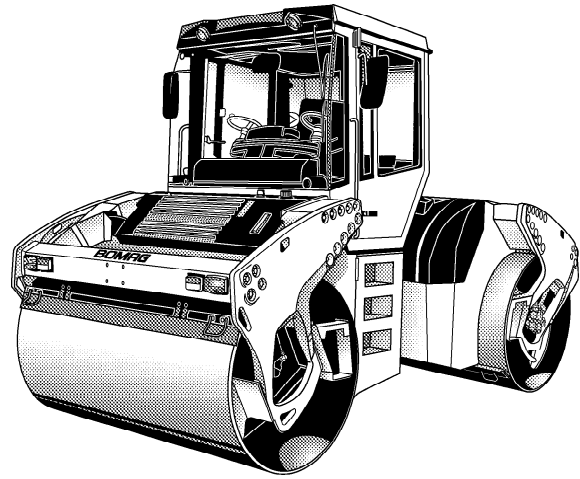


TANDEM VIBRATORY ROLLER BW 161 AD-4, BW 190 AD-4

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

BW 161 AD-4

BW 190 AD-4

without ROPS with ROPS

19,679

25,447

23,102

29,873

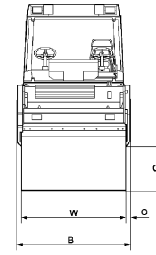
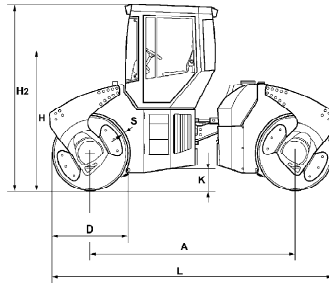
Standard

- 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

Options

- * 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

Operating weight CECE w. cab.	kg	10.000	11.100
Axle load, front CECE	kg	5.050	5.600
Axle load, rear CECE	kg	4.950	5.500
Static linear load, front CECE	kg/cm	30,1	28
Static linear load, rear CECE	kg/cm	29,5	27,5
Grossweight	kg	11.900	12.500

Dimensions

Track radius, inner	mm	4.400	4.240
Length (without towing hitch)	mm	4.540	4.540

Driving Characteristics

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

Drive

Engine manufacturer	Deutz	Deutz
Type	TCD 2011 L04 w	TCD 2012 L04 2V
Cooling	water	water
Number of cylinders	4	4
Performance ISO 14396	kW	100
Performance SAE J 1995	hp	134
Speed	min-1	2.300
Electric equipment	V	12

Brakes

Service brake	hydrost.	hydrost.
Parking brake	mech.	mech.

Steering

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

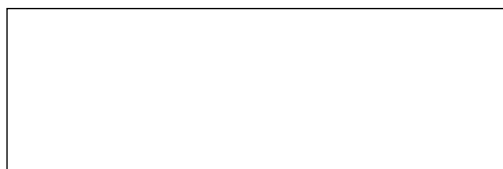
Exciter system

Vibrating drum	front + rear	front + rear
Autom. vibr. shut off	standard	standard
Frequency	Hz	40/50
Amplitude	mm	0,94/0,42
Centrifugal force	kN	107/74
Centrifugal force	t	10,9/7,5

Capacities

Fuel	l	200	200
Water	l	1.000	1.000

Technical modifications reserved. Machines may be shown with options.



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