BOMAG
FAYAT GROUP

Tandem Vibratory Rollers

BW161AD-5 HF, BW190AD-5 HF

KEY FEATURES

- 2 Amplitudes / 2 Frequencies
- Kubota Tier 4i engine
- ECOMODE
- ECONOMIZER option
- Visible sightlines to drum edge
- Open operator's platform
- 180 degree swivel operator's seat
- Crab walk option

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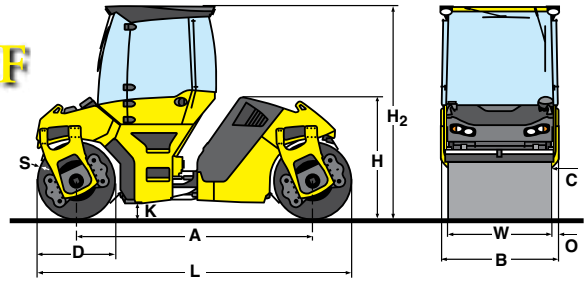
Technical Specifications

BW161AD-5 HF, BW190AD-5 HF



Shipping dimensions in cubic feet (m^3)	with ROPS	without ROPS
BW161AD-5 HF	957.1 (27.1)	726.5 (20.6)
BW190AD-5 HF	1119 (31.7)	849.1 (24.0)

Standard Equipment

- [x] 2 amplitudes / 2 frequencies
- [x] Automatic vibration operation
- [x] Individual vibration control
- [x] Adjustable driver's seat - 180 degrees - laterally slidable with steering wheel
- [x] On-board indicators - engine speed, speedometer, fuel consumption, engine temperature
- [x] Pressure sprinkling system with 2 pumps
- [x] Low water level indicator
- [x] Indicator and hazard lights
- [x] Back-up alarm
- [x] Battery disconnect switch
- [x] Storage for documents and tools
- [x] Emergency stop button
- [x] ROPS/FOPS w/ safety belt

Optional Equipment

- [ ] ECONOMIZER
- [ ] Asphalt temperature display
- [ ] ROPS cab w/ seat belts + heating + 4 working head lights
- [ ] Air conditioning w/ cab option
- [ ] Radio w/ cab option
- [ ] 2 LED-lights for cab roof (flatbeam)
- [ ] Edge cutter
- [ ] Crab-walk to both sides - 6.7 in (170 mm)
- [ ] Lighting for drum edge front and rear
- [ ] Seat heating
- [ ] Outside mirrors
- [ ] Rotary beacon
- [ ] Environmentally friendly hydraulic oil
- [ ] BOMAG TELEMATIC POWER

Dimensions in inches (mm)

	A	B	C	D	H	H_2	K	L	O	S	W
BW161AD-5 HF	142.5 (3620)	72.3 (1836)	26.4 (670)	48 (1220)	91.1 (2315)	120.1 (3050)	9.8 (250)	190.6 (4840)	3.1 (78)	0.67 (17)	66.1 (1680)
BW190AD-5 HF	142.5 (3620)	95.1 (2146)	26.4 (670)	48 (1220)	91.1 (2315)	120.1 (3050)	9.8 (250)	190.6 (4840)	3.1 (78)	0.75 (19)	78.3 (1990)

Technical Data		BOMAG BW161AD-5 HF	BOMAG BW190AD-5 HF
Weights			
Operating weight with ROPS	lb (kg)	21600 (9800)	26120 (11850)
Operating weight with cab	lb (kg)	22045 (10000)	26560 (12050)
Drive			
Engine manufacturer		Kubota	Kubota
Type		V3800 CR-TI	V3800 CR-TI
Emission stage		Tier 4i	Tier 4i
Cooling		water	water
Number of cylinders		4	4
Performance ISO 14396	hp (kW)	114 (85)	114 (85)
Speed	rpm	2600	2600
Electric equipment	V	12	12
Brakes			
Service brake		hydrost.	hydrost.
Parking brake		multi disc	multi disc
Steering			
Steering system		oscil. artic.	oscil. artic.
Track radius, inner	in (mm)	192.1 (4900)	186.8 (4745)
Lateral displacement right/left (crab steer option)	in (mm)	6.7 (170)	6.7 (170)s
Exciter system			
Vibrating drum		front + rear	front + rear
Automatic vibration shut off		standard	standard
Frequency	vpm (Hz)	3000/4200 (50/70)	3000/4200 (50/70)
Amplitude	in (mm)	0.023/0.010 (0.6/0.26)	0.036/0.013 (0.91/0.33)
Centrifugal force	lb (kN)	22706/19109 (101/85)	39791/27876 (177/124)
Capacities			
Fuel	g (l)	38.3 (145)	38.3 (145)
Water	g (l)	198.1 (750)	198.1 (750)

Technical modifications reserved. Machines may be shown with options.

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