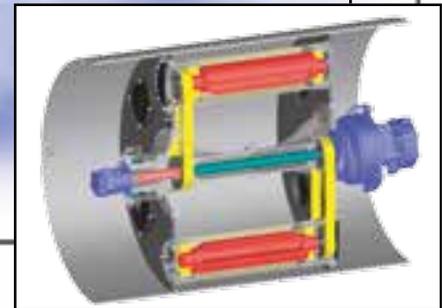




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Tandem Vibratory Rollers **BW161ADO-5, BW190ADO-5**



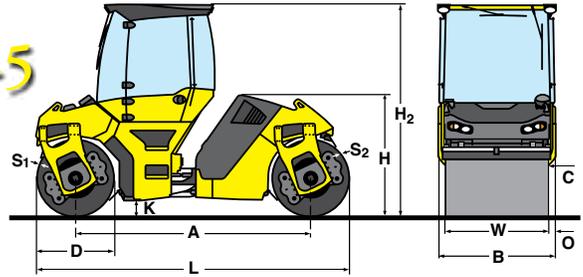
KEY FEATURES

- Tangential oscillation
- 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



Technical Specifications

BW161ADO-5, BW190ADO-5



Shipping dimensions

in cubic feet (m³)	with ROPS	without ROPS
BW161ADO-5	957.1 (27.1)	726.5 (20.6)
BW190ADO-5	1119 (31.7)	849.1 (24.0)

Standard Equipment

- Front drum vibration:
 - 2 amplitudes / 2 frequencies
- TanGO rear drum oscillation
 - + Highly wear resistant drum wrapper
 - + 8000 hour drum wrapper warranty
- Automatic vibration operation
- Vibration and oscillation with individual controls
- Adjustable driver's seat - 180 degrees
 - laterally slidable with steering wheel
- On-board indicators
 - engine speed, speedometer, fuel consumption, engine temperature
- Pressure sprinkling system with 2 pumps
- Low water level indicator
- Indicator and hazard lights
- Back-up alarm
- Battery disconnect switch
- Storage for documents and tools
- Emergency stop button
- 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	H2	K	L	O	S1	S2	W
BW161ADO-5	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)	0.51 (13)	66.1 (1680)
BW190ADO-5	142.5 (3620)	84.5 (2146)	26.4 (670)	48 (1220)	91.1 (2315)	120.1 (3050)	9.8 (250)	190.6 (4840)	3.1 (78)	0.75 (19)	0.51 (13)	78.3 (1990)

Technical Data

Weights

Operating weight with ROPS	lb (kg)
Operating weight with cab	lb (kg)

Drive

Engine manufacturer.....	
Type.....	
Emission stage.....	
Cooling.....	
Number of cylinders	
Performance ISO 14396	hp (kW)
Speed	rpm
Electric equipment	V

Brakes

Service brake	
Parking brake	

Steering

Steering system.....	
Track radius, inner.....	in (mm)
Lateral displacement right/left (crab steer option)	in (mm)

Exciter system

Vibrating drum	
Automatic vibration shut off.....	
Frequency	VPM (Hz)
Amplitude.....	in (mm)
Centrifugal force	lb (kN)
TanGO oscillating drum.....	
Oscillating frequency	VPM (Hz)
Oscillating amplitude	in (mm)

Capacities

Fuel.....	gal (l)
Water.....	gal (l)

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Operating weight with ROPS	lb (kg)
Operating weight with cab	lb (kg)

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BW190ADO-5

Operating weight with ROPS	lb (kg)
Operating weight with cab	lb (kg)

Engine manufacturer.....	Kubota
Type.....	V3800 CR-TI
Emission stage.....	Tier 4i
Cooling.....	water
Number of cylinders	4
Performance ISO 14396	114 (85)
Speed	2600
Electric equipment	12

Engine manufacturer.....	Kubota
Type.....	V3800 CR-TI
Emission stage.....	Tier 4i
Cooling.....	water
Number of cylinders	4
Performance ISO 14396	114 (85)
Speed	2600
Electric equipment	12

Service brake	hydrost.
Parking brake	multi disc

Service brake	hydrost.
Parking brake	multi disc

Steering system.....	oscil. artic.
Track radius, inner.....	192.1 (4900)
Lateral displacement right/left (crab steer option)	6.7 (170)

Steering system.....	oscil. artic.
Track radius, inner.....	186.8 (4745)
Lateral displacement right/left (crab steer option)	6.7 (170)

Vibrating drum	front
Automatic vibration shut off.....	standard
Frequency	3000/4200 (50/70)
Amplitude.....	0.023/0.010 (0.6/0.26)
Centrifugal force	22706/19109 (101/85)
TanGO oscillating drum.....	rear
Oscillating frequency	2400 (40)
Oscillating amplitude	0.054 (1.38)

Vibrating drum	front
Automatic vibration shut off.....	standard
Frequency	3000/4200 (50/70)
Amplitude.....	0.036/0.013 (0.91/0.33)
Centrifugal force	39791/27876 (177/124)
TanGO oscillating drum.....	rear
Oscillating frequency	2400(40)
Oscillating amplitude	0.054 (1.36)

Technical modifications reserved. Machines may be shown with options.

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