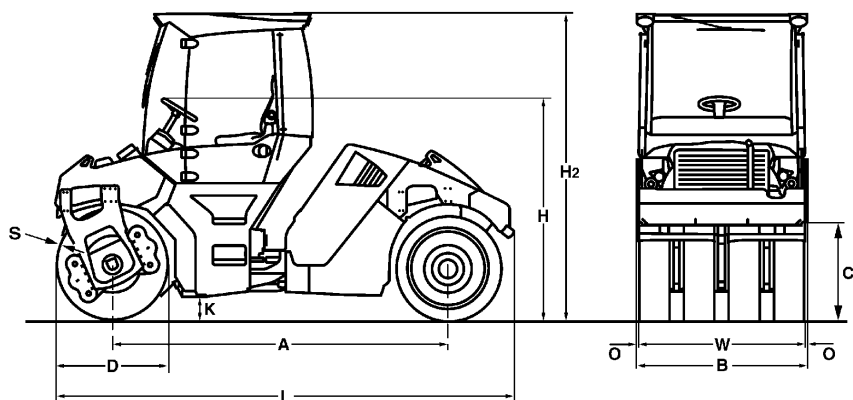


TECHNICAL DATA

COMBINATION ROLLERS

BW 151 AC-5, BW 161 AC-5





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S	W
BW 151 AC-5	129.9	72.6	28.7	43.3	88.2	118.1	9.8	173.2	3.2	0.63	66.1
BW 161 AC-5	142.5	72.3	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.67	66.1

Shipping dimensions in cub.yd

BW 151 AC-5
BW 161 AC-5

without ROPS

23,767
26,903

with ROPS

31,824
35,467

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-14 cm
BW 151 AC-5	52.3-104.6	130.8-235.4	183.1-261.6
BW 161 AC-5	52.3-104.6	130.8-235.4	183.1-261.6

Technical Data

BOMAG BW 151 AC-5

BOMAG BW 161 AC-5

Weights

Operating weight CECE w. ROPS-cabin	lb	16,535	21,385
Static linear load CECE	lb/in	130.0	170.0
Axle load, drum CECE	lb	8,598	11,244
Axle load, wheels CECE	lb	7,937	10,141
Wheel load CECE	lb	1,984	2,535
Grossweight	lb	18,739	24,692

Dimensions

Track radius, inner	in	172.8	192.9
Length (without towing hitch)	in	173.2	190.6

Driving Characteristics

Max. travel speed	mph	0- 7.5	0- 7.5
Max. gradeability without/with vibr.	%	40/30	35/30

Drive

Engine manufacturer		Kubota	Deutz
Engine type		V3307 CR-T	TCD 3.6 L4
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF	DPF+SCR
Cooling		Liquid	Liquid
Number of cylinders		4	4
Performance ISO 14396	hp	72.1	127.4
Performance SAE J 1995	hp	72.1	127.0
Speed	rpm	2,400	2,300

Brakes

Service brake		hydrost.	hydrost.
Parking brake		multi disc	multi disc

Steering

Steering system		oscil.artic.	oscil.artic.
-----------------------	--	--------------	--------------

Exciter system

Autom. vibr. shut off		standard	standard
Frequency	vpm	2,700.0/3,300.0	2,400.0/3,180.0
Amplitude	in	0.027/0.011	0.034/0.017
Centrifugal force	lb	15,512/9,127	21,357/20,233
Centrifugal force	t	1,574/922	2,181/2,068

Capacities

Fuel	gal	33.0	38.3
Water	gal	158.5	198.1
Emulsion	gal	11.9	11.9

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ 2 amplitudes / 2 frequencies
- ☒ ECOMODE
- ☒ Autom. vibration operation
- ☒ Driver's seat, slewable (-15/+75°)
 - laterally slidable with steering wheel
- ☒ 2 travel levers with integrated switches for vibration
 - + Edge pressing roller
 - + Crab steer right/left
 - + Warning horn
- ☒ On-board computer
 - engine oil temperature
 - Speedometer
 - Fuel consumption
 - Engine temperature
- ☒ V-belt protection
- ☒ Compartments for documents and tools
- ☒ Pressure sprinkling system with 3 pumps (Water/Emulsion)
- ☒ Back-up alarm
- ☒ Battery disconnect switch
- ☒ Emergency stop button

Optional Equipment

- ☐ ROPS cabin with seat belts
 - + heating, Ventilation
 - + 4 Working head lights
- ☐ ROPS cabin with air conditioning
- ☐ Rotary beacon
- ☐ Crab-walk to both sides (6.7in)
- ☐ 2 LED-lights for cabin roof (flatbeam)
- ☐ Edge cutter
- ☐ Special painting
- ☐ Environmentally compliant hydraulic oil
- ☐ Radio/Radio preparation
- ☐ ROPS/FOPS with safety belt
- ☐ Precision spreader BS180
- ☐ Precision spreader BS180 laterally slidable
- ☐ Asphalt temperature display
- ☐ Lighting for drum edge front and rear
- ☐ Seat heating
- ☐ Frequency 70Hz
- ☐ Approval by the German TÜV
- ☐ Thermal aprons
- ☐ BOMAG TELEMATIC POWER
- ☐ Outside mirrors
- ☐ ECONOMIZER
- ☐ BOMAP compaction navigation with GPS

