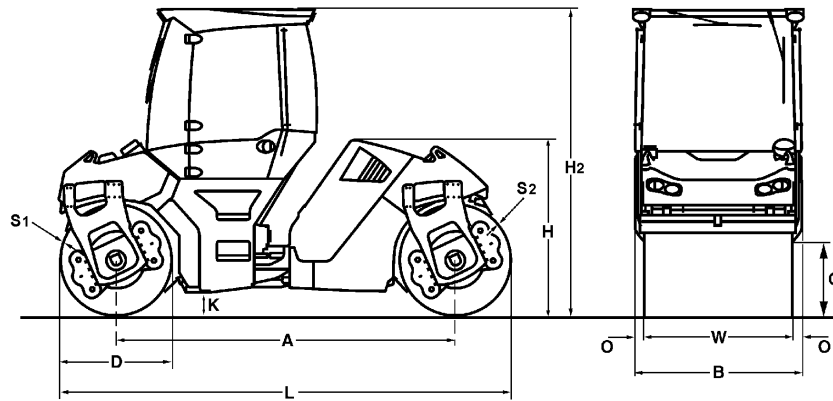


TECHNICAL DATA

ASPHALT MANAGER 2

BW 151 AD-5 AM, BW 161 AD-5 AM





Dimensions in inch

	A	B	C	D	H	H2	K	L	O	S1	S2	W
BW 151 AD-5 AM	129.9	72.6	28.7	43.3	88.2	118.1	9.8	173.2	3.2	0.63	0.63	66.1
BW 161 AD-5 AM	142.5	72.3	26.4	48.0	91.1	120.1	9.8	190.6	3.1	0.75	0.67	66.1

Shipping dimensions in cub.yd

BW 151 AD-5 AM
BW 161 AD-5 AM

without ROPS

23,767
 26,903

with ROPS

31,824
 35,467

Machine type	Compaction output (cub.yd/h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 151 AD-5 AM	196.2-392.4	143.9-300.8	98.1-235.4
BW 161 AD-5 AM	235.4-444.7	196.2-366.2	143.9-235.4

Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	0.8-1.6 in	2.4-3.1 in	3.9-5.5 in
BW 151 AD-5 AM	65.4-117.7	130.8-235.4	196.2-274.7
BW 161 AD-5 AM	78.5-170.0	130.8-300.8	209.3-366.2

Technical Data

BOMAG BW 151 AD-5 AM

BOMAG BW 161 AD-5 AM

Weights

Operating weight CECE w. ROPS-cabin	lb	17,417	22,487
Grossweight	lb	19,842	25,353
Axle load, front CECE	lb	8,929	11,685
Axle load, rear CECE	lb	8,488	10,803
Static linear load, front CECE	lb/in	135.0	177.0
Static linear load, rear CECE	lb/in	128.3	163.5

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	40/30

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
Electric equipment	V	12	12

Brakes

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

Steering

Steering system		oscil.artic.	oscil.artic.
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Exciter system

Vibrating drum		rear	rear
Autom. vibr. shut off		standard	standard
Frequency	vpm	2,760.0/2,700.0	2,760.0/2,700.0
Amplitude	in	0.027/0.011	0.034/0.017
Centrifugal force	lb	16,861/6,744	21,807/11,465
Centrifugal force	t	1,709/697	2,226/1,169

Vario system

ASPHALT MANAGER		front	front
Frequency	vpm	46	46
Amplitude directed		autom./variable	autom./variable
Amplitude	in	0- 0.035	0- 0.036
Centifugal force	lb	142	152
Centifugal force	t	14.5	15.5

Capacities

Fuel	gal	33.0	38.3
Water	gal	158.5	198.1

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ ASPHALT MANAGER 2
- ☒ Highly wear resistant AM drum
- ☒ Oscillation mode
- ☒ 2 amplitudes / 2 frequencies rear
- ☒ ECOMODE
- ☒ Autom. vibration operation
- ☒ Individual vibration control
- ☒ Swivel seat with integrated electronic steering wheel
- ☒ Emergency stop button
- ☒ V-belt protection
- ☒ Pressure sprinkling system with 2 pumps
- ☒ Indicator and hazard lights
- ☒ Back-up alarm
- ☒ Battery disconnect switch
- ☒ Compartments for documents and tools
- ☒ BOMAG OPERATION PANEL (BOP)
- ☒ EVIB-Control panel
- ☒ Asphalt temperature display

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
- ☐ Precision spreader laterally slidable
- ☐ Precision spreader
- ☐ Printer for ASPHALT MANAGER 2
- ☐ Lighting for drum edge front and rear
- ☐ Seat heating
- ☐ Approval by the German TÜV
- ☐ BOMAG TELEMATIC POWER
- ☐ Outside mirrors
- ☐ BOMAP compaction navigation with GPS



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