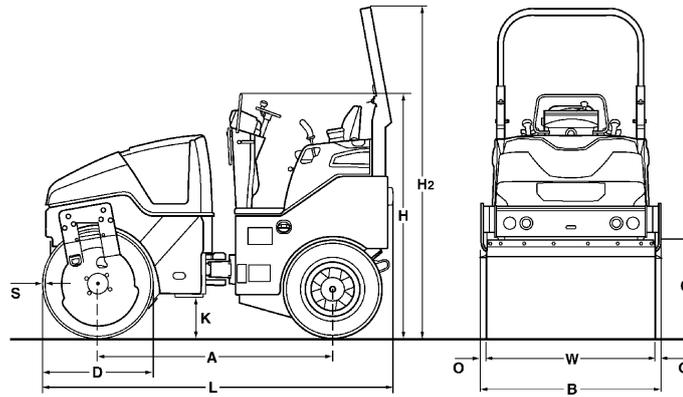


# TECHNICAL DATA

COMBINATION ROLLER

BW 138 AC-5





**Dimensions in inch**

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>H</b>	<b>H2</b>	<b>K</b>	<b>L</b>	<b>O</b>	<b>S</b>	<b>W</b>
<b>BW 138 AC-5</b>	74.8	57.8	27.6	35.4	74.8	106.3	13.4	111.8	1.7	0.71	54.3

**Shipping dimensions in cub.yd**

**BW 138 AC-5**

**without ROPS**

10,358

**with ROPS**

14,721

<b>Machine type</b>	<b>Compaction output (t/h) at different asphalt layer thicknesses</b>		
	<b>0.8-1.6 in</b>	<b>2.4-3.1 in</b>	<b>3.9-5.5 in</b>
BW 138 AC-5	39.2-71.9	65.4-117.7	85.0-150.4

## Technical Data

## BOMAG BW 138 AC-5

### Weights

Operating weight w. ROPS CECE .....	lb	9,259
Axle load, drum / wheels CECE .....	lb	4,850/4,409
Wheel load CECE .....	lb	1,102
Static linear load, front CECE .....	lb/in	89.3
Grossweight .....	lb	12,125

### Dimensions

Working width .....	in	54.3
Track radius, inner .....	in	103.0

### Driving Characteristics

Speed (1) .....	mph	3.1
Speed (2) .....	mph	6.2
Max. gradeability without/with vibr. ....	%	40/30

### Drive

Engine manufacturer .....		Kubota
Engine type .....		V2403
Emission stage .....		Stage V / TIER4f
Exhaust gas aftertreatment .....		DPF
Cooling .....		water
Number of cylinders .....		4
Performance ISO 14396 .....	hp	45.7
Performance SAE J 1995 .....	hp	45.7
Speed .....	rpm	2,400
Speed adjustment 1 .....	rpm	2,300
Speed adjustment 2 .....	rpm	2,530
Electric equipment .....	V	12

### Drums and Tyres

Tyre size .....		10.5/80-16
Number of tyres .....		4

### Brakes

Service brake .....		hydrost.
Parking brake .....		hydromec.

### Steering

Steering system .....		oscil.artic.
Steering method .....		hydrost.
Steering / oscillating angle +/- .....	deg	32/10.0
Crab walk .....	in	0- 2.0

### Exciter system

Vibrating drum .....		front
Drive system .....		hydrost.
Frequency .....	vpm	3,000.0/3,360.0
Amplitude .....	in	0.020
Centrifugal force .....	lb	10,161/12,814

### Capacities

Fuel .....	gal	14.5
Water .....	gal	68.7
Emulsion .....	gal	13.2

Technical modifications reserved. Machines may be shown with options.

### Standard Equipment

- Hydrostatic travel and vibration drive
- 2 scrapers per drum, spring loaded and tiltable
- Pressure sprinkler system with interval switch
- Multi function travel lever
- Multi-function display incl. operating hour meter
- Water level
- Electronic fuel gauge
- Emergency STOP
- Individual control, vibration
- Intelligent Vibration Control (IVC)
- Integrated storage compartment
- Sliding seat incl. double travel lever
- Seat contact switch
- 12V socket
- Working lights front and rear
- Vandalism protection
- Lockable engine hood made of composite material
- Lashing eyes, galvanized
- Single point lifting device
- Back-up alarm
- Battery disconnect switch

### Optional Equipment

- \*Foldable ROPS incl. seat belt
- Sun roof, rigid
- Sun roof, foldable with ROPS
- Weather protection for sun roof
- Weather protection cabin
- Seat heating
- ECONOMIZER with asphalt temperature display
- Temperature display
- BOMAG TELEMATIC
- Indicator and hazard lights
- Rotary beacon
- Optional lighting on ROPS
- Lighting for drum edge
- Environmentally compliant hydraulic oil
- Theft protection
- Edge cutter
- Gravel scatterer
- Thermal aprons
- Hydraulically adjustable crabwalk (1.97in)
- Pointer
- 2. Amplitude:0.008in
- Backup warning buzzer with broadband technology
- Special painting
- Tool kit
- ECOSTOP
- Outside mirrors
- Anti-frost intake
- Tablet holder set
- JOBLINK measuring technology interface
- JOBLINK Bluetooth adapter
- BOMAP GPS antenna holder

\* Standard delivery with CE conformity  
(valid within European Union)

