

# BOMAG

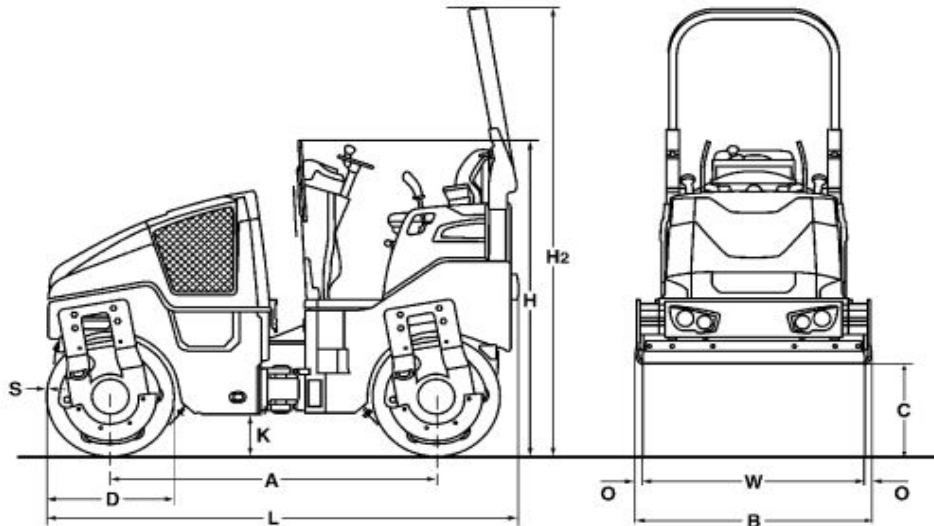
## Tandem Vibratory Roller BW100 AD-5 PERFORMANCE DATA



**STAGE  
COMPLIANT** 

Machine type	Compaction output (m <sup>3</sup> /h) at recommended soil layer thicknesses		
	Gravel, sand	Mixed soil	Silt, clay
BW 100 AD-5	80-145	55-105	38-73
Machine type	Compaction output (t/h) at different asphalt layer thicknesses		
	2-4 cm	6-8 cm	10-12 cm
BW 100 AD-5	15-40	40-60	60-100

## Technical Data



### Dimensions in mm

	A	B	C	D	H	H2	K	L	O	S	W
BW 100 AD-5	1752	1072	523	700	1808	2568	254	2529	36	13	1000

### Shipping dimensions in m3

BW 100 AD-5

### without ROPS

4,902

### with ROPS

6,962

Weights	Standard
Operating Weight w. ROPS CECE	2500 kg
Average static linear load CECE	12.5 kg/cm
Gross Weight	3500 kg

Dimensions	
Working Width	1000 mm
Dimensions (L x W x H)	2529 x 1000 x 228 mm
Track Radius, inner	2550 mm

Driving Characteristics	
Speed	0 – 10 km/h
Working speed with vibration	0 – 10 km/h
Max. Gradeability without/with vbr	40/30 %

Drive	
Engine Manufacturer	Kubota
Type	D 1703
Emission Stage	Stage IIIa / TIER 4i
Cooling	Water
Number of Cylinders	3
Performance ISO 14396	24.3 kW
Performance SAE J 1995	32.6 HP
Speed	2,600 min <sup>-1</sup>
Speed Adjustment 1	2,500 min <sup>-1</sup>
Speed Adjustment 2	2,600 min <sup>-1</sup>
Electric Equipment	12 V
Driven Drum	Front + Rear

Brakes	
Service Brake	Hydrost.
Parking Brake	Hydromec.

Steering	
Steering System	Oscil.artic
Steering Method	Hydrost.
Steering / oscillating angle +/-	32/10 grad
Crab walk	0 -50 mm

Exciter System	
Vibrating Drum	Front + Rear
Drive System	Hydrost
Frequency	63/67 Hz
Amplitude	0.50 mm
Centrifugal Force	30/34 kN

Sprinkler System	
Type of sprinkling	Pressure

Capacities	
Fuel	35 L
Water	205 L