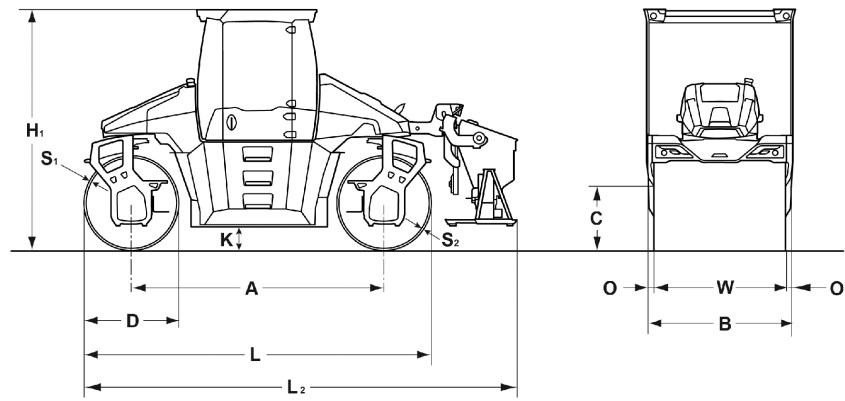


TECHNICAL DATA

TANDEM ROLLERS

BW 154 APO-5, BW 174 APO-5





Dimensions in inch

	A	B	C	D	H1	K	L	L2	O	S1	S2	W
BW 154 APO-5	113.8	66.1	31.1	43.3	118.9	10.2	157.1	198.0	3.5	0.63	0.63	59.1
BW 174 APO-5	126.8	73.2	30.7	47.2	120.1	11.0	174.0	217.3	3.5	0.67	0.75	66.1

Shipping dimensions in cub.yd

BW 154 APO-5
BW 174 APO-5

without cabin

0,000
0,000

with cabin

26,460
32,781

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 154 APO-5	39.2-78.5	78.5-170.0	104.6-209.3
BW 174 APO-5	65.4-143.9	117.7-235.4	183.1-274.7

Technical Data

BOMAG BW 154 APO-5

BOMAG BW 174 APO-5

Weights

Operating weight CECE w. ROPS-cabin	lb	16,094	21,385
Axle load, front / rear CECE	lb	7,826/8,267	9,921/11,464
Static linear load, front / rear CECE	lb/in	132.5/140.0	150.0/173.3
Max. weight	lb	19,401	24,031

Dimensions

Track radius, inner	in	116.1	116.9
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Driving Characteristics

Speed	mph	0- 6.8	0- 6.8
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Drive

Engine manufacturer		Kubota	Deutz
Type		V3307 -T	TCD 3.6
Emission stage		Stage V / TIER4f	Stage V / TIER4f
Exhaust gas aftertreatment		DOC+DPF	DPF+SCR
Cooling		Liquid	Liquid
Number of cylinders		4	4
Fuel		Diesel	Diesel
Performance ISO 14396	hp	74.3	99.8
Performance SAE J 1995	hp	74.2	99.6
Speed	rpm	2,400	2,200
Split drum		front + rear	front + rear

Brakes

Service brake		hydrost.	hydrost.
Parking brake		mech.	mech.

Steering

Steering system		2-p. pivoted	2-p. pivoted
Lateral displacement right/left	in	44.5	53.5

Exciter system

Vibrating drum		front	front
Autom. vibr. shut off		standard	standard
Frequency	vpm	2,820.0/2,820.0	2,820.0/2,820.0
Amplitude	in	0.029/0.016	0.024/0.014
Centrifugal force	lb	22,706/11,690	22,706/11,915
Oscillating drum		rear	rear
O. Frequency	vpm	2,820.0/0.0	2,820.0/0.0
O. Amplitude	in	0.032	0.033

Sprinkler System

Type of sprinkling		pressure	pressure
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Capacities

Fuel	gal	47.6	47.6
Water	gal	145.3	179.6

Technical modifications reserved. Machines may be shown with options.

Standard Equipment

- ☒ Front drum vibration: 2 amplitudes / 2 frequencies
- ☒ TanGO Rear drum Oscillation: 1 Amplitude/ 1 Frequency
- ☒ Highly wear resistant oscillation drum
- ☒ ECOMODE
- ☒ Water-saving pressure sprinklers
- ☒ 10" Touchscreen
- ☒ Vibration and oscillation individually switchable
- ☒ 2 amplitudes / 2 frequencies
- ☒ Autom. vibration operation
- ☒ 4 spring-loaded hinged scrapers
- ☒ Indicator and hazard lights
- ☒ ROPS cabin with seat belts + heating
- ☒ 2 Outside mirrors
- ☒ Steering method/Operator's seat sliding / rotatable (270°)
- ☒ Steering with comfort control - 5 Steering modes
- ☒ Back-up alarm
- ☒ Emergency STOP
- ☒ Brake release device
- ☒ Split drums

Optional Equipment

- ☐ ECONOMIZER
- ☐ Edge cutter
- ☐ Rotary beacon
- ☐ Special paint
- ☐ Environmentally compliant hydraulic oil
- ☐ Tool kit
- ☐ Precision spreader
- ☐ Precision spreader laterally slidable
- ☐ Automatic air conditioning
- ☐ Radio/Radio preparation
- ☐ LED lighting package
 - additional lateral lighting for cabin
 - Follow-me-home function
 - Lighting for drum edge
 - 2x 12V sockets in supports
- ☐ Backup warning buzzer with broadband technology
- ☐ Additional outside mirrors
- ☐ Air-suspended comfort seat
- ☐ BOMAG TELEMATIC POWER
- ☐ BOMAG ECOSTOP
- ☐ BOMAP compaction navigation with GPS
- ☐ JOBLINK measuring technology interface
- ☐ BOMAP GPS antenna set
- ☐ BOMAP GPS antenna holder

