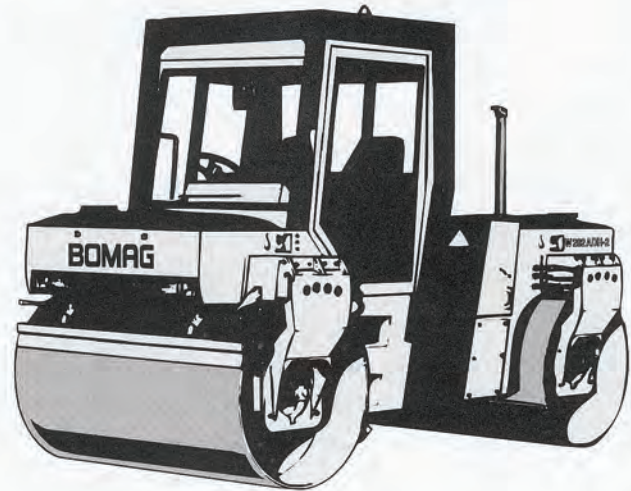


BOMAG

Tandem Vibratory Rollers BW 161 AD-2, BW 202 ADH-2

PERFORMANCE DATA



BW 161 AD-2 - ASPHALTIC CONCRETE (material weight 140 lb/cu ft)						
# passes	rolling speed	area coverage sq yd/hr	"productivity in tons/hr by lift thickness, 100% efficiency"			
	(mph)		1.5 inches	2 inches	2.5 inches	3 inches
2	3.4	5494	433	578	722	867
3	3.4	3662	289	385	481	578
4	3.4	2747	217	289	361	433
5	3.4	2197	173	231	289	347
6	3.4	1831	144	193	241	289

BW 202 AD-2 - ASPHALTIC CONCRETE (material weight 140 lb/cu ft)						
# passes	rolling speed	area coverage sq yd/hr	"productivity in tons/hr by lift thickness, 100% efficiency"			
	(mph)		1.5 inches	2 inches	2.5 inches	3 inches
2	3.4	6981	551	734	918	1101
3	3.4	4654	367	489	612	734
4	3.4	3491	275	367	459	551
5	3.4	2793	220	294	367	440
6	3.4	2327	184	245	306	367

Note: Rolling speed selected provides impact spacing of 10 impacts per foot at high vibration frequency setting. If high amplitude is used, rolling speed should be reduced to 3 miles per hour to provide impact spacing of 10 impacts per foot.

Note: Actual productivity efficiency is determined by job conditions. Typical ranges are as follows: 80% = excellent, 70% = Average

TECHNICAL DATA

Shipping dimensions

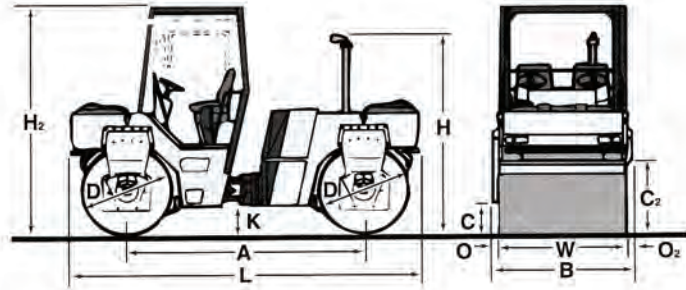
	without		with ROPS/FOPS	
BW 161 AD-2	704.9	(20.0)	967.5	(27.4)
BW 202 ADH-2	873.7	(24.7)	1199.2	(34.0)

Standard Equipment

- Hydrostatic direct drive of both front and rear drums through high torque motors
- Single lever control of direction, speed, and service braking
- Bolt-on oscillating, articulating joint
- Crab steering, front drum shifting 6.7" left or right of in-line while moving
- Vibration isolated operator's platform
- Dual forward facing operator's seat and steering control assemblies
- Hydrostatic direct vibration drive of both drums
- Two vibration frequencies, two nominal single amplitudes
- Automatic vibration control
- Pressurized water spray system
- Back-up gravity feed water spray
- Quiet operation
- ROPS/FOPS with seat belts
- Drum shell thickness: 0.83"
- Speedometer
- Spring-Applied, Hydraulically-Released (SAHR) parking brakes on each drum
- 2 hinged, gas shocked mounted scrapers per drum

Optional Equipment

- Working lights (front & rear)
- Vibration frequency gauges, front and rear drums
- Back-up alarm
- Edge roller and cutter assembly
- Special paint



Dimensions in inches

	A	B	C	C ₂	D	H	H ₂	K	L	O	O ₂	W
BW 161 AD-2	125.2	73.5	16.9	35.4	48.0	106.3	120.1	15.7	189.4	3.9	3.5	66.1
BW 202 ADH-2	125.2	91.4	16.9	35.4	48.0	106.3	120.1	15.7	189.4	3.9	3.5	84.0

Technical data

Weights

	lbs	(kg)	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Basic Weight with ROPS	19550	(8868)	23920	(10850)
Operating Weight	20867	(9465)	25236	(11447)
Axle load (front)	10360	(4700)	12540	(5688)
Axle load (rear)	10505	(4765)	12695	(5759)
Average static linear load	157.8	(28.2)	150.2	(26.8)

Dimensions

	in	(mm)	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Rolling width	66.1	(1679)	84.0	(2134)
Transport height	87.5	(2223)	87.5	(2223)
Track Radius, inner	200.8	(5100)	191.8	(4872)
Dimensions	see sketch		see sketch	

Driving Characteristics (depending on site conditions)

	mph	(kmph)	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Speed (1)	0-4.7	(0-7.6)	0-4.7	(0-7.6)
Speed (2)	0-6.8	(0-10.9)	0-6.8	(0-10.9)
Max. gradeability	37		37	

Drive

	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Engine manufacturer	Deutz	Deutz
Type	BF4L913	BF4L913
Cooling	air	air
Number of cylinders	4	4
Performance SAE J1349	112.6 (84.0)	112.6 (84.0)
Speed	2500 rpm	2500 rpm
Fuel	diesel	diesel
Electric Equipment	12 V	12 V
Drive System	hydrostatic	hydrostatic
Drum Driven	f + r	f + r

Brakes

	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Service brake	hydrostatic	hydrostatic
Parking brake	SAHR	SAHR

Steering

	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Steering system	oscillating, articulating	oscillating, articulating
Steering method	hydrostatic	hydrostatic
Steering angle +/-	30 degrees	30 degrees
Oscillating angle +/-	8 degrees	8 degrees

Vibratory system

	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Vibrating drum	f, r, f + r	f, r, f + r
Drive system	hydrostatic	hydrostatic
Frequency - (low/high)	3000/2700 (50/45) vpm (Hz)	3000/2700 (50/45) vpm (Hz)
Amplitude - (low/high)	0.017/0.036 (0.43/0.91) in (mm)	0.014/0.030 (0.36/0.76) in (mm)
Centrifugal force - (low/high)	17000/29100 (75.6/129.4) lbs (kN)	17000/29100 (75.6/129.4) lbs (kN)

Water Spray System

	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Type of system	pressurized	pressurized
Back-up system	gravity	gravity

Capacities

	gal	(l)	BOMAG BW 161 AD-2	BOMAG BW 202 ADH-2
Fuel	34.1	(129)	34.1	(129)
Water	219	(830)	219	(830)
Engine Oil	3.6	(13.5)	3.6	(13.5)

Technical modifications reserved. Machines may be shown with options.

Compaction America, Inc.
2000 Kentville Road
Kewanee, IL 61443
Tel: 309 853-1002
Fax: 309 852-0350



Compaction America
A United Dominion Company