

Reversible Vibratory Plates BPR45/55, BPR45/55D



MODEL	Compaction Output (yd ³ /h) at recommended soil layer thicknesses.			
	Rock Fill	Gravel, Sand	Mixed Soil	Silt, Clay
BPR45/55	-	39-52	33-44	27-37
BPR45/55D	-	39-52	33-44	27-37



Technical Specifications

Reversible Plates

Shipping dimensions

in cubic feet (m³)

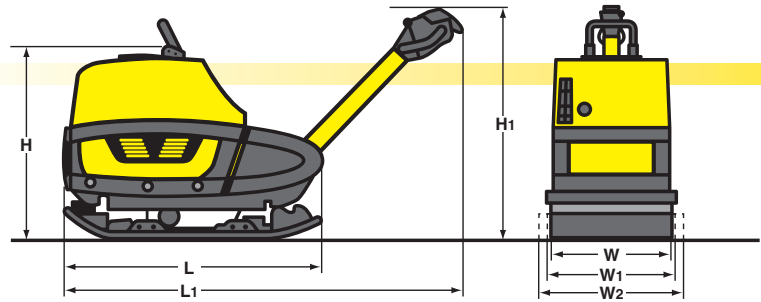
BPR45/55	24.8	(.701)
BPR45/55D	26.1	(.739)

Standard Equipment - All Models

- Fully closed engine protection hood made of high strength grain-refined steel
- Hydraulic travel lever adjustment
- 4-times supported, low-vibration steering rod
- Height adjustable steering rod
- Steering rod lockable in transport and working position
- Vibration and throttle regulation on the steering rod
- Highly wear resistant base plate with reinforced edges
- Fully protected V-belt
- Lifetime lubricated vibration bearings
- Reinforced centrifugal clutch
- Large-volume dry air filter with cyclone-type precleaner
- Recoil started-Automatic decompression
- Multi-functional, foldable single lifting point
- Working width with wear strips 21.7 in. (550 mm)
- Automatically adjusting V-belt pulley
- Electric starter with warning buzzer to switch off ignition (BPR45/55D)

Optional Equipment - All Models

- Tool kit
- Special painting
- Hour meter (El.-starter)
- Vulcolan mat
- Back-up drive protection
- Extension plates
- Electric starter with warning buzzer to switch off ignition (BPR45/55)



Dimensions in inches (mm)

	H	H ₁	L	L ₁	W	W ₁
BPR45/55	29.5 (750)	31.5 (1010)	66.9 (1700)	35.4 (900)	17.7 (450)	21.7 (550)
BPR45/55D	31.1 (790)	39.8 (1010)	66.9 (1700)	35.4 (900)	17.7 (450)	21.7 (550)

Technical Data

BOMAG
BPR45/55

BOMAG
BPR45/55D

Weights

Basic Operating Weight	lbs (kg)	728 (330)	816 (370)
Operating Weight (W).....	lbs (kg)	710 (322)	794 (360)
Operating Weight (W1).....	lbs (kg)	739 (335)	827 (375)

Dimensions

Basic working width.....	in (mm)	21.7 (550)	21.7 (550)
Working width w/o extensions bars (W).....	in (mm)	17.7 (450)	17.7 (450)
Lowest passing height.....	in (mm)	29.5 (750)	31.1 (790)
Dimensions		see sketch	see sketch

Driving Characteristics

Working speed max	ft / min (m /min)	88.6 (27)	88.6 (27)
Max. gradeability (depending on soil conditions) ...%		35	35

Drive

Engine manufacturer		Honda	Lombardini
Type		GX 270	15 LD 440
Cooling		air	air
Number of cylinders.....		1	1
Performance ISO 9249.....	hp (kW)	9.0 (6.6)	9.0 (6.6)
Speed.....		3600	3000
Performance SAE J1349.....	hp (kW)	8.9 (6.6)	8.9 (6.6)
Speed.....		3600	3000
Drive system.....		mech.	mech.
Fuel		gasoline	diesel

Vibratory system

Frequency	vpm (Hz)	4200 (70)	4200 (70)
Centrifugal force	lbs (kN)	10125 (45)	10125 (45)

Capacities

Fuel.....	gal (l)	1.6 (6)	1.3 (5)
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Technical modifications reserved. Machines may be shown with options.

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