

BOMAG

FAYAT GROUP

Reversible Vibratory Plates BPR45/55D, BPR55/65D



Effortless single lever control with precise forward and reverse operation.



BOMAG Economizer - An optional soil stiffness indicator providing greater productivity and reduced machine wear.



Technical Specifications

Reversible Plates

Shipping dimensions

in cubic feet (m³)

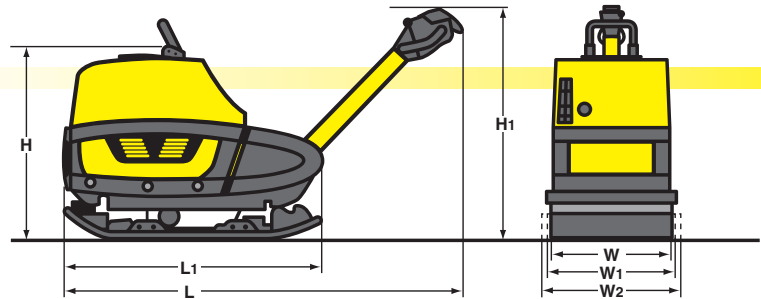
BPR45/55D	44.6	(1.262)
BPR55/65D	44.6	(1.262)

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
- Automatically adjusting V-belt pulley
- Fully protected V-belt
- Lifetime lubricated vibration bearings
- Reinforced centrifugal clutch
- Large-volume dry air filter with cyclone-type precleaner
- Electric start with warning buzzer to switch off ignition
- Recoil started-Automatic decompression
- Multi-functional, foldable single point lifting facility

Optional Equipment - All Models

- BOMAG Economizer
- Service kit
- Extension plates
- Vulcolan mat
- Hour meter



Dimensions in inches (mm)

	H	H ₁	L	L ₁	W	W ₁	W ₂
BPR45/55D	31.1 (790)	31.5 (800)	66.9 (1700)	35.4 (900)	17.7 (450)	21.7 (550)	29.5 (750)
BPR55/65D	31.1 (790)	31.5 (800)	66.9 (1700)	35.4 (900)	17.7 (450)	25.6 (650)	29.5 (750)

Technical Data

Weights

	BOMAG BPR45/55D	BOMAG BPR55/65D
Basic Operating Weight	862 (391)	994 (451)
Operating Weight (W)	840 (381)	961 (436)
Operating Weight (W ₁)	873 (396)	1005 (456)
Operating Weight (W ₂)	908 (412)	1030 (467)

Dimensions

Standard working width (W ₁)	21.7 (550)	25.6 (650)
Working width w/o extensions bars (W)	17.7 (450)	17.7 (450)
Lowest passing height	31.1 (790)	31.1 (790)
Dimensions	see sketch	see sketch

Driving Characteristics

Working speed max	92 (28)	92 (28)
Max. gradeability (depending on soil conditions) ...%	35	35

Drive

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

Vibratory system

Frequency	4200 (70)	3960 (66)
Centrifugal force	10125 (45)	12375 (55)

Capacities

Fuel	1.3 (5)	1.3 (5)
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Technical modifications reserved. Machines may be shown with options.

MODEL	Compaction Output (yd ³ /h) at recommended soil layer thicknesses.			
	Rock Fill	Gravel, Sand	Mixed Soil	Silt, Clay
BPR45/55D	-	39 - 52	33 - 44	27 - 37
BPR55/65D	-	54 - 72	47 - 63	34 - 46

Note: The reference values in the above table are the result of compaction trials and practical applications. Under normal application conditions the required compaction values will be reached after four to eight passes.