

# BOMAG

FAYAT GROUP

## Reversible Vibratory Plate

### BPR45/55



*Producing the Best Compaction  
Results With Added Power  
and Gradeability*

*Best for*  
**COMPACTION**



*Effortless single lever control with precise forward and reverse operation.*



# Technical Specifications

## Reversible Plate

### Shipping dimensions

in cubic feet (m<sup>3</sup>)

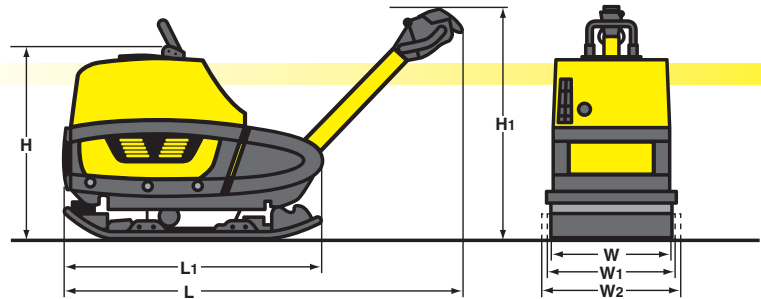
BPR45/55 44.6 (1.262)

### 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
- Fully protected V-belt
- Lifetime lubricated vibration bearings
- Reinforced centrifugal clutch
- Large-volume dry air filter with cyclone-type precleaner
- Multi-functional, foldable single lifting point
- Automatically adjusting V-belt pulley
- Ramming protection
- Automatic shutdown at low oil level

### Optional Equipment - All Models

- Hour meter
- Vulcolan mat
- Extension plates
- Electric starter with warning buzzer to switch off ignition (+46 lbs / +21 kg)
- Service kit



### Dimensions in inches (mm)

	H	H <sub>1</sub>	L	L <sub>1</sub>	W	W <sub>1</sub>	W <sub>2</sub>
BPR45/55	29.5 (750)	31.5 (800)	66.9 (1700)	35.4 (900)	17.7 (450)	21.7 (550)	29.5 (750)

### Technical Data

BOMAG  
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### Weights

Basic Operating Weight .....	lbs (kg)	728 (330)
Operating Weight (W) .....	lbs (kg)	710 (322)
Operating Weight (W <sub>1</sub> ) .....	lbs (kg)	739 (335)
Operating Weight (W <sub>2</sub> ) .....	lbs (kg)	778 (353)

### Dimensions

Standard working width (W <sub>1</sub> ) .....	in (mm)	21.7 (550)
Working width w/o extensions bars (W) .....	in (mm)	17.7 (450)
Lowest passing height .....	in (mm)	29.5 (750)
Dimensions .....		see sketch

### Driving Characteristics

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

### Drive

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

### Vibratory system

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

### Capacities

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

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

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.