

# 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 (m<sup>3</sup>)

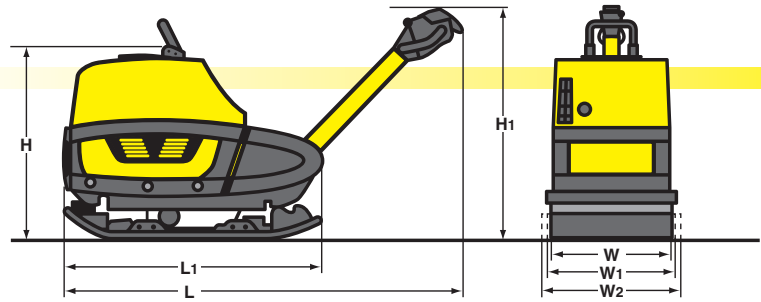
BPR45/55D	44.6	(1.26)
BPR55/65D	44.6	(1.26)

### Standard Equipment - All Models

- Fully closed engine protection hood made of high strength steel
- Hydraulic travel lever adjustment
- Low vibration steering rod with four rubber supports
- 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
- Reinforced centrifugal clutch
- Large-volume dry air filter with cyclone-type precleaner
- Electric start with warning buzzer to switch off ignition
- Recoil start with automatic decompression
- Multi-functional, foldable single point lifting facility
- Bumper protection

### Optional Equipment - All Models

- BOMAG Economizer
- Extension plates
- Vulcolan mat
- Hour meter
- 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>
BPR45/55D	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) lbs (kg)	994 (451) lbs (kg)
Operating Weight (W) .....	840 (381) lbs (kg)	961 (436) lbs (kg)
Operating Weight (W <sub>1</sub> ) .....	873 (396) lbs (kg)	1005 (456) lbs (kg)
Operating Weight (W <sub>2</sub> ) .....	908 (412) lbs (kg)	1030 (467) lbs (kg)

#### Dimensions

Standard working width (W <sub>1</sub> ) .....	21.7 (550) in (mm)	25.6 (650) in (mm)
Working width w/o extensions (W) .....	17.7 (450) in (mm)	17.7 (450) in (mm)
Lowest passing height .....	31.1 (790) in (mm)	31.1 (790) in (mm)
Dimensions .....	see sketch	see sketch

#### Driving Characteristics

Working speed max .....	92 (28) ft / min (m / min)	92 (28) ft / min (m / min)
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 .....	8.9 (6.6) hp (kW)	8.9 (6.6) hp (kW)
Speed .....	3000	3000
Drive system .....	mech.	mech.
Fuel .....	Diesel	Diesel

#### Vibratory system

Frequency .....	4200 (70) vpm (Hz)	3960 (66) vpm (Hz)
Centrifugal force .....	10116 (45) lbs (kN)	12364 (55) lbs (kN)

#### Capacities

Fuel .....	1.3 (5) gal (l)	1.3 (5) gal (l)
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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
BPR45/55D	-	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.