



BXR Series

Reversible Vibratory Plate Compactors



Doosan Infracore
Portable Power

Built to perform, built to last

The Ingersoll Rand BXR Series from Portable Power is the next generation of reversible vibratory plate compaction. All four models are designed for the effective compaction of granular soils, mixed soils, and well-graded aggregates where turning around can be difficult or impossible with other plate compactors.

The BXR Series has a patent-pending vibration system that generates smooth reversible movement and high compactive effort to maximize productivity. The reversing feature of the BXR Series changes the direction of machine travel by repositioning the two eccentric shafts in relation to each other. This reversing allows the operator to enter and exit a confined work area along the same path.

MODEL	BXR-60H*	BXR-100H	BXR-200H*	BXR-300E
WEIGHT & DIMENSIONS				
Operating Weight - lb (kg)	158 (72)	330 (150)	518 (235)	716 (325)
Length - in (mm)	37.4 (950)	53.1 (1350)	58.5 (1485)	63.8 (1620)
Width - in (mm)	13.8 (350)	15.3 (390)	17.7 (450)	17.7 (450)**
Height - in (mm)	33.5 (850)	37.2 (945)	39.8 (1010)	40.2 (1020)
Plate Size (w x l) in (mm)	14 x 19 (350 x 470)	15 x 25 (390 x 630)	18 x 29 (450 x 740)	18 x 34 (450 x 860)
PERFORMANCE				
Centrifugal Force - lb (kN)	3,417 (15.2)	5,511 (24.5)	7,053 (31.4)	9,257 (41.2)
Vibrations Frequency - vpm (Hz)	5,600 (93)	4,200 (70)	4,200 (70)	4,000 (67)
Travel Speed - fpm (m/min)	65 (20)	65 (20.0)	59 (18)	59 (18)
Area Capacity Per Hour - sq ft (m ²)	4,500 (420)	5,067 (468)	5,231 (486)	5,231 (486)
Max Recommended Compaction Depth - in (mm)	13 (330)	15 (380)	15 (380)	16 (410)
ENGINE				
Manufacturer, Type	Honda, gasoline	Honda, gasoline	Honda, gasoline	Yanmar, diesel
Model	GX120	GX160	GX240	L70EE-DEVMS
Max. Horsepower - hp (kW)	3.5 (2.6)	4.8 (3.6)	7.1 (5.3)	6.4 (4.8)
Engine Speed - rpm	3,600	3,600	3,600	3,600
Starting System	Recoil	Recoil	Recoil	Electric
Fuel Tank Capacity - qt (L)	2.11 (2.0)	3.28 (3.1)	5.60 (5.3)	2.85 (2.7)

*New units with Honda engine

**Available with optional extensions, overall width is 23.2 in (590 mm)

Product improvement is a continuing goal at Doosan Infracore Portable Power. Designs and specifications are subject to change without notice or obligation.

PERFORMANCE FEATURES

- Engineered to provide years of dependable operation and superior ease of service and maintenance
- High position handle increases maneuverability and control around jobsite obstacles
- Heavy-duty, sealed exciter bearings reduce maintenance while permitting higher centrifugal forces than single-directional vibratory plates
- Protective engine cage with integrated lifting bail providing a longer engine life and protects the unit from damage during use and transport
- Shock mounts isolate the engine to prevent handle vibration
- BXR-60H, BXR-100H, and BXR-200H models are powered by rugged and reliable four-cycle Honda engines
- BXR-300E model features a Yanmar diesel engine with standard electric start

