

# Reversible Vibratory Plate Compactors

**IR** Ingersoll-Rand®



## Powerful Performance

The Ingersoll-Rand BXR Series is the next generation of reversible vibratory plate compaction. All five 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.



# Reversible Vibratory Plate Compactors

## Specifications

| MODEL   | BXR-60              | BXR-70              | BXR-100H            | BXR-200E            | BXR-300E            |
|---|---------------------|---------------------|---------------------|---------------------|---------------------|
| <b>DIMENSIONS &amp; WEIGHT</b>                  |                     |                     |                     |                     |                     |
| Overall Length in (mm)                          | 33.1 (840)          | 35.0 (890)          | 53.1 (1350)         | 60.0 (1525)         | 63.8 (1620)         |
| Overall Width in (mm)                           | 13.8 (350)          | 13.8 (350)          | 15.3 (390)          | 17.7 (450)          | 17.7 (450)*         |
| Overall Height in (mm)                          | 32.7 (830)          | 36.2 (920)          | 37.2 (945)          | 39.8 (1010)         | 40.2 (1020)         |
| Plate Size (w x l) in (mm)                      | 14 x 19 (350 x 480) | 14 x 19 (350 x 480) | 15 x 25 (390 x 630) | 18 x 29 (450 x 740) | 18 x 34 (450 x 860) |
| Operating Weight lb (kg)                        | 132 (60)            | 155 (70)            | 330 (150)           | 530 (240)           | 716 (325)           |
| <b>PERFORMANCE</b>                              |                     |                     |                     |                     |                     |
| Centrifugal Force lb (kN)                       | 2,865 (12.7)        | 4,300 (19.1)        | 5,511 (24.5)        | 7,053 (31.4)        | 9,257 (41.2)        |
| Vibration Frequency vpm (Hz)                    | 5,400 (90)          | 5,400 (90)          | 4,200 (70)          | 4,200 (70)          | 4,000 (67)          |
| Travel Speed fpm (m/min)                        | 60 (18.3)           | 60 (18.3)           | 65 (20.0)           | 60 (18.3)           | 60 (18.3)           |
| Area Capacity Per Hour sq ft (m <sup>2</sup> )  | 4,200 (390)         | 4,200 (390)         | 4,200 (390)         | 5,319 (494)         | 5,319 (494)         |
| Maximum Recommended<br>Compaction Depth in (mm) | 13 (330)            | 14 (360)            | 15 (380)            | 15 (380)            | 16 (410)            |
| <b>ENGINE</b>                                   |                     |                     |                     |                     |                     |
| Manufacturer, Type                              | Robin, gas          | Robin, gas          | Honda, gas          | Yanmar, diesel      | Yanmar, diesel      |
| Model   | EY15                | EY15                | GX160               | L488EE-DEVMS        | L70EE-DEVMS         |
| Horsepower hp (kW)                              | 3.4 (2.5)           | 3.4 (2.5)           | 4 (2.9)             | 4.7 (3.5)           | 6.7 (4.9)           |
| Engine Speed rpm                                | 3,600               | 3,600               | 3,600               | 3,600               | 3,600               |
| Fuel Tank Capacity qt (L)                       | 2.9 (2.8)           | 2.9 (2.8)           | 3.6 (3.5)           | 2.8 (2.5)           | 3.6 (3.5)           |

\*With optional extension (CPN# 54692603), overall width 24 in (590 mm).

Product improvement is a continuing goal at Ingersoll-Rand.  
Designs and specifications are subject to change without notice or obligation.

### Built To Perform, Built To Last

Each reversible plate compactor is engineered to provide years of dependable operation. The BXR-60, BXR-70, and BXR-100H are powered by rugged and reliable four-cycle engines with recoil start. The BXR-200E and BXR-300E are powered by air-cooled diesel engines with standard electric start.

A high position handle increases maneuverability around jobsite obstacles. Heavy-duty, sealed exciter bearings reduce maintenance while permitting higher centrifugal forces than single-direction vibratory plates. Shock mounts isolate the engine and prevent handle vibration. An engine protection cage with integrated lifting bail protects the unit from damage during use and transport.

### Ask your local dealer about other Ingersoll-Rand light compaction equipment

In addition to our line of reversible vibratory plate compactors, Ingersoll-Rand offers a complete line of other light compaction equipment, including upright rammers, walk-behind rollers, single-direction vibratory plate compactors, and a trench compactor.



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