

Single-direction Vibratory Plate Compactors

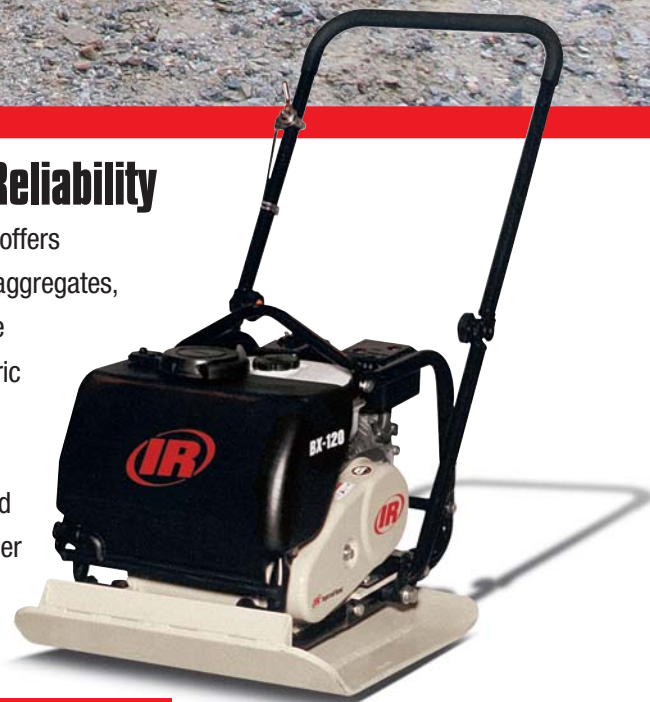
IR Ingersoll-Rand®



Productive Compactors Offering Versatility and Reliability

The BX Series of single-direction, vibratory plate compactors from Ingersoll-Rand offers operators the ability to effectively and efficiently compact granular soils, crushed aggregates, and hot mix asphalt in open jobsites of all sizes. Powered by a rugged and reliable Honda four-cycle engine, each BX Series compactor features a belt-driven eccentric shaft, along with an oil bath exciter to eliminate routine greasing.

All BX Series compactors are fitted with fully adjustable, vibration-reducing padded grip guide handles for maximum operator comfort and transport convenience. Other standard features include a removable eccentric housing, an engine protection cage, and a water sprinkler system for the compaction of hot mix asphalt.



Single-direction Vibratory Plate Compactors

Specifications

MODEL	BX-6WH	BX-8WH	BX-12WH	BX-60WH	BX-80WH	BX-120WH
DIMENSIONS & WEIGHT						
Overall Length in (mm)	38.6 (980)	40.9 (1040)	44.0 (1120)	37.4 (950)	37.4 (950)	37.4 (950)
Overall Width in (mm)	15.7 (400)	18.9 (480)	21.7 (550)	16.9 (430)	19.7 (500)	21.7 (550)
Overall Height in (mm)	37.8 (960)	37.8 (960)	37.8 (960)	36.0 (915)	36.0 (915)	36.6 (930)
Plate Size (w x l) in (mm)	16 x 21 (400 x 525)	19 x 23 (480 x 585)	22 x 26 (565 x 650)	17 x 22 (430 x 565)	20 x 22 (500 x 565)	22 x 22 (565 x 565)
Operating Weight lb (kg)	150 (70)	195 (90)	245 (110)	150 (70)	195 (90)	220 (100)
PERFORMANCE						
Centrifugal Force lb (kN)	2,650 (11.8)	3,300 (14.7)	4,630 (20.6)	3,400 (15.3)	4,000 (18.0)	5,700 (25.4)
Vibration Frequency vpm (Hz)	5,500 (92)	6,000 (100)	6,500 (108)	5,600 (93.3)	5,600 (93.3)	5,600 (93.3)
Travel Speed fpm (m/min)	82 – 89 (25 – 27)	75 – 82 (23 – 25)	72 – 75 (22 – 23)	82 (25)	82 (25)	82 (25)
Area Capacity Per Hour sq ft (sq m)	7,120 (660)	7,790 (725)	7,875 (730)	6,943 (645)	8,073 (750)	8,881 (825)
Maximum Recommended Compaction Depth in (mm)	12 (300)	12 (300)	16 (405)	12 (300)	14 (350)	16.5 (410)
ENGINE						
Manufacturer	Honda	Honda	Honda	Honda	Honda	Honda
Model	GX120K1	GX160K1	GX160K1	GX120K1	GX160K1	GX160K1
Horsepower hp (kW)	4.0 (2.9)	5.5 (4.0)	5.5 (4.0)	4.0 (2.9)	5.5 (4.0)	5.5 (4.0)
Engine Speed rpm	3,600	3,600	3,600	3,600	3,600	3,600
Fuel Tank Capacity qt (L)	2.6 (2.5)	3.8 (3.6)	3.8 (3.6)	2.6 (2.5)	3.9 (3.7)	3.9 (3.7)
WATER						
Type	Fixed	Fixed	Fixed	Removable	Removable	Removable
Water Tank Capacity qt (L)	9.0 (8.5)	9.0 (8.5)	9.0 (8.5)	12.6 (12)	14.7 (14)	14.7 (14)
WHEEL KIT OPTION						
CPN (part number)	N/A	N/A	N/A	22195119	22195283	22195283

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

KEY FEATURES

- Compact design for greater maneuverability
- High horsepower for greater performance
- Highest centrifugal forces in the industry
- Unique ratcheting throttle design for improved control around jobsite obstacles
- Flip-over handles for ease of operation and better compaction in confined areas (on BX-60WH, BX-80WH, and BX-120WH)
- Removable water tank, with the industry's largest capacity for increased operating intervals and operator flexibility (on BX-60WH, BX-80WH, and BX-120WH)

WHEEL KIT OPTION

Wheel kits are available for the BX-60WH, BX-80WH, and BX-120WH models. These kits can be installed in three easy steps without using tools, and are ideal for moving these compactors around buildings and jobsites.

