

## Single-Direction Vibratory Plate Compactors



Ingersoll-Rand's BX Series of single-direction, vibratory plate compactors just doubled in the number of offerings and performance. The three new additions to the rugged lineup feature:

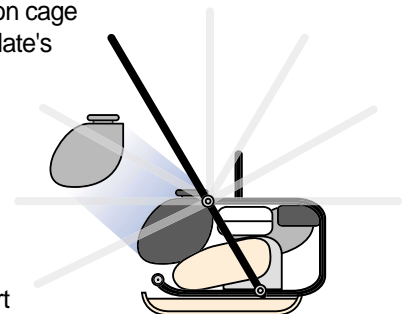
- a more compact design for greater maneuverability
- more horsepower for greater performance
- flip-over handles for ease of operation and better compaction in confined areas
- the highest centrifugal forces in the industry
- industry's only ratcheting throttle design for improved control around jobsite obstacles
- a 50% larger, removable water tank that provides for increased operating intervals and allows the operator to take the tank to the water source versus bringing the water into commonly remote areas of the jobsite

The introduction of these new models, in addition to the existing plates, offer operators of the BX Series of vibratory plate compactors the ability to effectively and efficiently compact granular soils, crushed aggregates and Hot Mix Asphalt in small to large sized open jobsites.

### Powerful Performance

All six models are powered by a rugged and reliable, Honda 4-cycle engine with recoil start engineered to provide years of dependable operation. Each unit is equipped with a standard water sprinkler system for the compaction of Hot Mix Asphalt.

Standard features include a belt drive to the eccentric shaft, and a oil bath exciter bearing lubrication to eliminate the need for routine greasing. The BX Series has a removable eccentric housing for ease and economy of repair. An engine protection cage prevents damage to the plate's components, and has an integrated lifting bail. All models are fitted with standard vibration-reducing padded grip guide handles that are fully adjustable to maximize operator comfort and transport convenience.



Specifications	BX-60WH*	BX-80WH*	BX-120WH*
<b>Operating Weight</b>	150 lb. (70 kg)	195 lb. (90 kg)	220 lb. (100 kg)
<b>Dimensions</b>			
Overall Length	37.4 in. (950 mm)	37.4 in. (950 mm)	37.4 in. (950 mm)
Overall Width	16.9 in. (430 mm)	19.7 in. (500 mm)	21.7 in. (550 mm)
Overall Height	36.0 in. (915 mm)	36.0 in. (915 mm)	36.6 in. (930 mm)
Plate Size (WxL)	17 x 22 in. (430 x 565 mm)	20 x 22 in. (500 x 565 mm)	22 x 22 in. (550 x 570 mm)
<b>Performance</b>			
Centrifugal Force	3400 lb. (15.3 kN)	4000 lb. (18.0 kN)	5700 lb. (25.4 kN)
Vibration Frequency	5600 vpm (93.3 Hz)	5600 vpm (93.3 Hz)	5600 vpm (93.3 Hz)
Travel Speed	82 fpm (25 mpm)	82 fpm (25 mpm)	82 fpm (25 mpm)
Area Capacity Per Hr.	6943 sq. ft. (645 sq. m)	8073 sq. ft. (750 sq. m)	8881 sq. ft. (825 sq. m)
Compaction Depth recommended to:	12 in. (300 mm)	14 in. (350 mm)	16.5 in. (410 mm)
<b>Engine</b>			
Manufacturer	Honda	Honda	Honda
Model	GX120K1	GX160K1	GX160K1
Horsepower	4.0 hp (2.9 kW)	5.5 hp (4.0 kW)	5.5 hp (4.0 kW)
Engine Speed	3600 rpm	3600 rpm	3600 rpm
Fuel Tank Capacity	2.6 qt. (2.5 L)	3.9 qt. (3.7 L)	3.9 qt. (3.7 L)
<b>Water</b>			
Type	Removable	Removable	Removable
Water Tank Capacity	12.6 qt. (12 L)	14.7 qt. (14 L)	14.7 qt. (14 L)

\* Standard water tank and Honda engine.

Specifications	BX-6WH*	BX-8WH*	BX-12WH*
<b>Operating Weight</b>	150 lb. (70 kg)	195 lb. (90 kg)	245 lb. (120 kg)
<b>Dimensions</b>			
Overall Length	38.6 in. (980 mm)	40.9 in. (1040 mm)	44.0 in. (1120 mm)
Overall Width	15.7 in. (400 mm)	18.9 in. (480 mm)	21.7 in. (550 mm)
Overall Height	37.8 in. (960 mm)	37.8 in. (960 mm)	37.8 in. (960 mm)
Plate Size (WxL)	16 x 21 in. (400 x 525 mm)	19 x 23 in. (480 x 585 mm)	22 x 26 in. (550 x 650 mm)
<b>Performance</b>			
Centrifugal Force	2650 lb. (11.8 kN)	3300 lb. (14.7 kN)	4630 lb. (20.6 kN)
Vibration Frequency	5500 vpm (92 Hz)	6000 vpm (100 Hz)	6500 vpm (108 Hz)
Travel Speed	82-89 fpm (25-27 mpm)	75-82 fpm (23-25 mpm)	72-75 fpm (22-23 mpm)
Area Capacity Per Hr.	7120 sq. ft. (660 sq. m)	7790 sq. ft. (725 sq. m)	7875 sq. ft. (730 sq. m)
Compaction Depth recommended to:	12 in. (300 mm)	12 in. (300 mm)	16 in. (405 mm)
<b>Engine</b>			
Manufacturer	Honda	Honda	Honda
Model	GX120K1	GX160K1	GX160K1
Horsepower	3.5 hp (2.6 kW)	4.9 hp (3.7 kW)	4.9 hp (3.7 kW)
Engine Speed	3600 rpm	3600 rpm	3600 rpm
Fuel Tank Capacity	2.6 qt. (2.5 L)	3.9 qt. (3.7 L)	3.9 qt. (3.7 L)
<b>Water</b>			
Type	Fixed	Fixed	Fixed
Water Tank Capacity	8.4 qt. (8 L)	8.4 qt. (8 L)	8.4 qt. (8 L)

\* Standard water tank and Honda engine.



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