

SINGLE DIRECTION

FEATURES

MBW's advancements in vibratory plates have revolutionized the field over the past 50 years. Each model offers a unique combination of frequency, centrifugal force, amplitude and mass that have doubled productivity, dramatically reduced maintenance, and extended product life.

- Unsurpassed exciter quality including extra heavy duty housings, oversized application matched bearings, and an oil mist lubrication system to withstand high operating temperatures.
- Application matched quality shock mounts and double isolated guide handles.

1000 SERIES



This series of economical vibratory plates, the **12**, **15** & **18**, are portable, and offer outstanding compaction performance. A patented suspension system places shock mounts in a predominantly shear mode at the high amplitude front end of the plate and a predominantly compressive mode at the low amplitude trailing end of the plate. This system reduces hand arm vibration and also better isolates all upper mass components, including the engine, from vibrations produced by the machine's exciter. With amplitudes up to .067 inches, centrifugal force up to 2780 lbs and travel speeds to 83 feet per minute these plates are ideal in confined areas of granular soils including

1000 SERIES

sands and gravel.

These lightweight plates weighing 133 lbs (60 kg) to 165 lbs (75 kg) are easy to lift and maneuver about the job site. Accompanied by intense vibration, this series of plates are ideally suited as an economical alternative for small to medium compaction applications.

- Standard with Honda engine and lift cage
- One piece exciter with self cleaning open base plate design
- Optional wheel kit
- Optional UHMW paving pad for placing interlocking paving stone/brick/block



OPTIONAL WHEEL KIT



OPTIONAL UHMW PAD

MODEL	GP12	GP15	GP18
Plate Size WxL	13 x 22.5 in (33 x 57 cm)	16 x 22.5 in (40 x 57 cm)	18 x 22.5 in (46 x 57 cm)
Operating Weight	133 lbs (60 kg)	142 lbs (64 kg)	163 lbs (74 kg)
Engine	Honda GX120	Honda GX120	Honda GX120
Amplitude	.058 in (1.47 mm)	.054 in (1.37 mm)	.067 in (1.72 mm)
Centrifugal Force**	1920 lbs (8.5 kN)	2000 lbs (8.9 kN)	2780 lbs (12.3 kN)
Exciter Speed	5240 vpm	5350 vpm	5240 vpm
Compaction Depth*	Up to 10 in (25 cm)	Up to 10 in (25 cm)	Up to 10 in (25 cm)
Travel Speed	up to 83 ft/min (25 m/min)	up to 68 ft/min (21 m/min)	up to 75 ft/min (23 m/min)
Compaction Area	5395 ft ² /hr (501 m ² /hr)	5440 ft ² /hr (505 m ² /hr)	6750 ft ² /hr (627 m ² /hr)

* Clean sand, optimum moisture. MBW recommends that lifts not exceed 12".

** Centrifugal Force is not a measure of compaction performance.

() Metric Measurements. Specifications subject to change without notice.

MODEL	AP12	AP15	AP18
Plate Size WxL	13 x 22.5 in (33 x 57 cm)	16 x 22.5 in (40 x 57 cm)	18 x 22.5 in (46 x 57 cm)
Operating Weight	No Water 134 lbs (61 kg) Full Water 152 lbs (69 kg)	No Water 143 lbs (65 kg) Full Water 161 lbs (73 kg)	No Water 165 lbs (75 kg) Full Water 183 lbs (83 kg)
Engine	Honda GX120	Honda GX120	Honda GX120
Amplitude	.058 in (1.47 mm)	.054 in (1.37 mm)	.067 in (1.72 mm)
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Travel Speed	up to 83 ft/min (25 m/min)	up to 68 ft/min (21 m/min)	up to 75 ft/min (23 m/min)
Compaction Area	5395 ft ² /hr (501 m ² /hr)	5440 ft ² /hr (505 m ² /hr)	6750 ft ² /hr (627 m ² /hr)
Water Tank Capacity	2.3 gal (8.7 l)	2.3 gal (8.7 l)	2.3 gal (8.7 l)

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