



CAUTIONS
flammable and explosive
and let cool before refueling
in an enclosed area
wear a Manual before operation
The Honda Mfg. Co., Ltd. and a Honda

MADE
IN THE
USA

GP2000

AP2000

VIBRATORY PLATES

WWW.MBWEUROPE.COM

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 1.59 mm, centrifugal force up to 12.6 kN and travel speeds to 25 m per minute these plates are ideal in confined areas of granular soils including sands and gravel.

These lightweight plates weighing 60 kg (133 lbs) to 79 kg (174 lbs) 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.

GP12



GP15



GP18



AP MODELS

Our GPX range can also come complete with a water tank, specifically made for asphalt applications. The water tank acts as a sprinkler system, slowly releasing water and it helps create a barrier between the hot asphalt and the cold compaction plate preventing the plate from sticking to the asphalt.

MBW Europe can fit these to your plate before they are dispatched, or you can purchase them as an optional extra.



1000 SERIES

- 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 UHMW PAD

Ultra High Molecular Weight Polyethylene. It is the highest quality polyethylene (PE) available, engineered for tough jobs and a wide range of applications. Paving pads attach to plate compactors for block paving.



OPTIONAL WHEEL KIT



OPTIONAL WATER KIT

Model	GP12	AP12	GP15	AP15	GP18	AP18
Plate Size WxL	33 x 57 cm (13 x 22.5 in)	33 x 57 cm (13 x 22.5 in)	40 x 57 cm (16 x 22.5 in)	40 x 57 cm (16 x 22.5 in)	46 x 57 cm (18 x 22.5 in)	46 x 57 cm (18 x 22.5 in)
Operating Weight	60 kg (133 lbs)	No water: 61 kg (134 lbs) Full water: 69 kg (152 lbs)	64kg (142 lbs)	No water: 65 kg (143 lbs) Full water: 73 kg (161 lbs)	79kg (174 lbs)	No water: 80 kg (176 lbs) Full water: 88 kg (194 lbs)
Engine	Honda GX120	Honda GX120	Honda GX120	Honda GX120	Honda GX160	Honda GX160
Amplitude	1.47 mm (.058 in)	1.47 mm (.058 in)	1.37 mm (.054 in)	1.37 mm (.054 in)	1.72 mm (.067 in)	1.72 mm (.067 in)
Centrifugal Force**	8.5 kN (1920 lbs)	8.5 kN (1920 lbs)	8.9 kN (2000 lbs)	8.9 kN (2000 lbs)	12.6 kN (2833 lbs)	12.6 kN (2833 lbs)
Exciter Speed	5240 vpm	5240 vpm	5350 vpm	5350 vpm	5240 vpm	5240 vpm
Compaction Depth*	Up to 25 cm (10 in)	Up to 25 cm (10 in)	Up to 25 cm (10 in)	Up to 25 cm (10 in)	Up to 25 cm (10 in)	Up to 25 cm (10 in)
Travel Speed	Up to 25 m/ min (83 ft/min)	Up to 25 m/min (83 ft/min)	Up to 21 m/ min (68 ft/min)	Up to 21 m/min (68 ft/min)	Up to 23 m/ min (75 ft/min)	Up to 23 m/min (75 ft/min)
Compaction Area	501 m ² /hr (5395 ft ² /hr)	501 m ² /hr (5395 ft ² /hr)	505 m ² /hr (5440 ft ² /hr)	505 m ² /hr (5440 ft ² /hr)	627 m ² /hr (6750 ft ² /hr)	627 m ² /hr (6750 ft ² /hr)
Water Tank Capacity		8.7 L (2.3 gal)		8.7 L (2.3 gal)		8.7 L (2.3 gal)

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

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

() Imperial measurements. Specifications subject to change without notice.

2000 SERIES

MBW's AP2000 was the first vibratory plate compactor specifically designed for asphalt applications. Frequency, amplitude, centrifugal force and mass are all established at optimal levels for maximum productivity on asphalt. Further, the mechanical construction of the AP2000 is specific to this very demanding application. Stress relieved steel plates are crack resistant and provide long wear. Aluminum exciter housing dissipates heat rapidly while lubricants preserve bearing and seal integrity.



GP2000



AP2000



OPTIONAL UHMW PAD



OPTIONAL WATER KIT



OPTIONAL WHEEL KIT



The GP2000 is a permutation of the AP2000 where frequency, amplitude, centrifugal force and mass are adjusted to provide optimal productivity in the compaction of sands and gravel. The GP2000 is capable of achieving excellent densities on lifts of granular soils up to 12". All 2000 series vibratory plates come standard with a Honda engine.

Model	GP2000	AP2000
Plate Size WxL	51 x 56 cm (20 x 22 in)	51 x 56 cm (20 x 22 in)
Operating Weight	75 kg (165 lbs)	No water: 76 kg (168 lbs) Full water: 88 kg (193 lbs)
Engine	Honda GX160	Honda GX160
Amplitude (No Water)	2.11 mm (.083 in)	2.08 mm (.082 in)
Centrifugal Force**	14.5 kN (3250 lbs)	11 kN (2475 lbs)
Exciter Speed	4400 vpm	5050 vpm
Compaction Depth*	Up to 31 cm (12 in)	Up to 31 cm (12 in)
Travel Speed	Up to 27 m/min (90 ft/min)	Up to 37 m/min (120 ft/min)
Compaction Area	836 m ² /hr (9000 ft ² /hr)	1115 m ² /hr (12000 ft ² /hr)
Water Tank Capacity		11.3 L (3 gal)

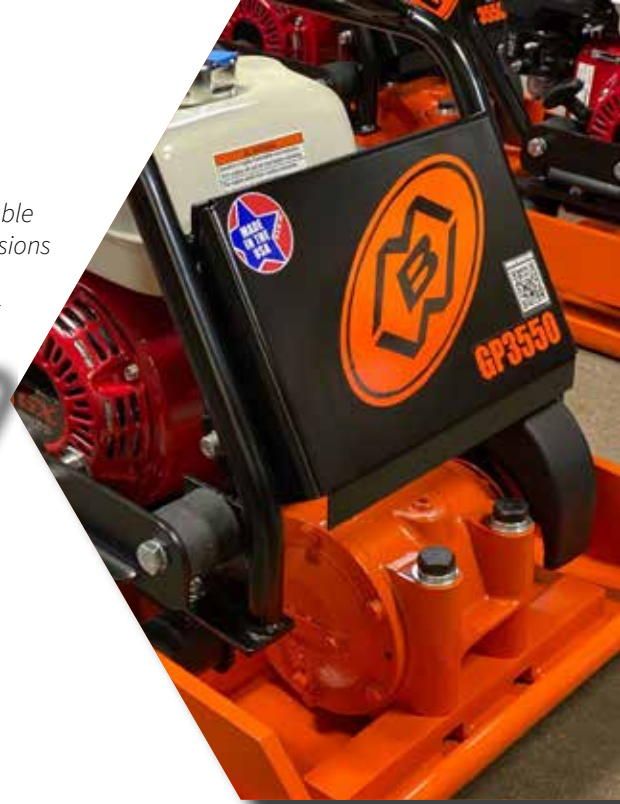
* Clean sand, optimum moisture. MBW recommends that lifts not exceed 12".

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

() Imperial measurements. Specifications subject to change without notice.

3000 SERIES

MBW's GP3550 is a high production compactor that will run decades with reasonable maintenance. The deck features a full roll cage as standard equipment with provisions for a water tank for asphalt compaction on the AP3550. Both models provide reduced hand/arm vibration, full roll cage protection, enhanced amplitude, faster travel speed and updated yet rugged appearance.



OPTIONAL UHMW PAD / OPTIONAL WATER KIT AVAILABLE

Model	GP3550	AP3550
Plate Size WxL	53 x 56 cm (21 x 22 in)	53 x 56 cm (21 x 22 in)
Operating Weight	103 kg (226 lbs)	No water: 104 kg (229 lbs) Full water: 115 kg (254 lbs)
Engine	Honda GX160	Honda GX160
Amplitude	1.5 mm (.087 in)	1.5 mm (.086 in)
Centrifugal Force**	15.8 kN (3550 lbs)	15.8 kN (3550 lbs)
Exciter Speed	4400 vpm	4400 vpm
Compaction Depth*	Up to 53 cm (21 in)	Up to 53 cm (21 in)
Travel Speed	Up to 34 m/min (110 ft/min)	Up to 34 m/min (110 ft/min)
Compaction Area	1073 m ² /hr (11550 ft ² /hr)	1073 m ² /hr (11550 ft ² /hr)

5000 SERIES

The GP5800 maintains its predecessor's outstanding performance characteristics whilst improving the design in terms of ergonomics, ease of service and product life expectations. Among these are a removable, easily serviced exciter assembly, superior suspension for improved engine isolation, lower hand/arm vibration and protective cage surrounding the engine.

GP5800



Model	GP5800
Plate Size WxL	58 x 61 cm (23 x 24 in)
Operating Weight	131 kg (288 lbs)
Engine	Honda GX270
Amplitude	2.39 mm (.094in)
Centrifugal Force**	25.8 kN (5800 lbs)
Exciter Speed	4800 vpm
Compaction Depth*	Up to 51 cm (20 in)
Travel Speed	Up to 39.6 m/min (130 ft/min)
Compaction Area	1389 m ² /hr (14950 ft ² /hr)

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

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

() Imperial measurements. Specifications subject to change without notice.

GP95

Perfect for general compaction applications the GP95 is an economical and high performance forward travel plate compactor. Comes complete with an integrated water tank and fitted wheel kit.

Model	Plate Size	Operating Weight	Centrifugal Force	Travel Speed (m/min)	Engine
GP95	50 x 52 cm (20 x 21 in)	No water: 95 kg (210 lbs) With water:	15 kN (1,530 kgf)	40-70	Honda Gx160



WHEEL KIT

The GP95 has an integrated wheel kit. This helps transport the plate around the jobsite and they can be folded away when finished for easier storage.



RUBBER MAT

The rubber mat kit is used for block paving and can be purchased as an optional extra.



LIFT HOOK

The lift hook helps to move the GP95, it can be unfolded when in use. There is a rubber flap on the top of the frame which covers the lift hook when it is not in use.

GP STANDARD SERIES

This series of economical vibratory plates are portable and offer outstanding compaction performance. These plates are ideal in confined areas of granular soils including sands, bank run gravel and capable of compacting lift depths of up to 10-12".

GP1400



GP1600



These lightweight plates are easy to lift and maneuver around the job site. This series of plate compactors are ideally suited as an economical alternative for small to medium compaction applications.

- One piece exciter.
- Optional rubber paving pad for interlocking paving stone/brick/block.
- Optional low-vib mounts.
- Optional water kit.

LOW-VIB MOUNTS



RUBBER MAT



Model	GP1400	GP1600	AP1400	AP1600
Plate Size WxL	36 x 51 cm (14 x 20 in)	41 x 51 cm (16 x 20 in)	36 x 51 cm (14 x 20 in)	41 x 51 cm (16 x 20 in)
Operating Weight	60 kg (132 lbs)	64 kg (141 lbs)	No water: 62.7 kg (138 lbs) Full water: 67 kg (148 lbs)	No water: 66.7 kg (147 lbs) Full water: 71kg (157 lbs)
Engine	Honda GX160	Honda GX160	Honda GX120*	Honda GX120*
Force (kfg)	1,030	1,030	1,030	1,030
Speed (m/min)	20-25	20-25	20-25	20-25
Engine Speed (rpm)	3400	3400	3400	3400

* Engine specs subject to change without prior notice - Engine options may vary subject to availability.

REVERSIBLES

GPR44/57

The GPR44 and GPR57 are high quality, price-competitive reversibles. These plate compactors offer outstanding compaction performance and can be easily transported and stored when not in use due to the adjustable integrated wheel kit.

Model	GPR44	GPR57
Plate Size WxL	35 x 48cm (14 x 19 in)	43 x 70cm (17 x 28 in)
Operating Weight	80 kg (176 lbs)	180 kg (397 lbs)
Engine	Petrol Honda GX160	Diesel Yanmar L70 - Electric start
Centrifugal Force**	15 kN (1530 kgf)	27 kN (2750 kgf)
Vibration Frequency	100 Hz (6000 vpm)	90 Hz (5400 vpm)
Compaction Depth*	Up to 56 cm (22 in)	Up to 56 cm (22 in)
Travel Speed	Up to 25 m/min (82 ft/min)	Up to 25 m/min (82 ft/min)

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

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

() Imperial measurements. Specifications subject to change without notice.

GPR44



GPR57





GET IN TOUCH.



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