

GPR78, GPR99, GPR135 & GPR160 HYDRAULIC REVERSIBLE PLATES

MBW's hydraulic shifting reversible plates solve maintenance problems that have long plagued this product type. MBW exciter systems are vented to prevent damage to shifting seals. Worn shifting seals are readily serviced from the outside of the exciter assembly (patented), eliminating the complicated process of opening and exposing the exciter assembly for service purposes. Maintenance is simplified, service time is reduced dramatically.

All MBW hydraulic reversibles are easy to maneuver, featuring forward and reverse travel, as well as spot compaction. Powered by either Honda gas engines or Hatz diesels, these reversibles have plenty of power to tackle the toughest compaction applications.

MBW advises users to carefully consider which type of compactor best fits the job. If there is sufficient room to maneuver a single direction plate, productivity, cost and maintenance favor the single direction unit. But where maneuverability is key, reversible plates are the answer.

US & International Patents

- Forward or reverse, infinitely variable travel plus spot compaction
- Lower maintenance hydraulic shifting mechanism
- Optional extension plates for variable plate widths
- Gas and diesel engine options
- Lifting bails for ease in handling
- Higher amplitudes than competitive models, increased travel speed and climbing ability
- Full roll cage protection
- Simple, convenient, safe controls at operator's position



SPECS	GPR78H	GPR78D	GPR99H	GPR135H	GPR135DE	GPR160DE
Engine	Honda GX270 (270 cm³)	Hatz 1B30	Honda GX390 (389 cm³)	Honda GX390 (389 cm³)	Hatz 1B40	Hatz 1B40
Fuel	Gas	Diesel	Gas	Gas	Diesel	Diesel
Operating Weight	522 lb (237 kg) No Wings 562 lb (255 kg) 3" Wings	567 lb (257 kg) No Wings 607 lb (275 kg) 3" Wings	775 lb (352 kg) No Wings 828 lb (376 kg) 3" Wings	792 lb (359 kg) No Wings 830 lb (376 kg) 3" Wings	854 lb (387 kg) No Wings 904 lb (410 kg) 3" Wings	950 lb (431 kg) 3" Wings Standard 983 lb (446 kg) 6" Wings
Plate Size WxL	17.7 x 32.3 in (45 x 82 cm)	17.7 x 32.3 in (45 x 82 cm)	19.7 x 37.3 in (50 x 95 cm)	19.7 x 37.3 in (50 x 95 cm)	19.7 x 37.3 in (50 x 95 cm)	25.6 x 37.3 in (65 x 95 cm)
Amplitude Range Spot-Travel	.098 - .068 in (2.49 - 1.73 mm)	.090 - .063 in (2.29 - 1.60 mm)	.087 - .061 in (2.21 - 1.55 mm)	.117 - .082 in (2.97 - 2.08 mm)	.105 - .074 in (2.67 - 1.88 mm)	.123 - .086 in (3.12 - 2.18 mm)
Centrifugal Force**	7875 lbs (35 kN)	7875 lbs (35 kN)	9900 lbs (44 kN)	13500 lbs (60 kN)	13500 lbs (60 kN)	16000 lbs (71 kN)
Exciter Speed	4080 rpm	4080 rpm	3840 rpm	3840 rpm	3840 rpm	3840 rpm
Compaction Depth*	Up to 22 in (56 cm)	Up to 22 in (56 cm)	Up to 28 in (71 cm)	Up to 28 in (71 cm)	Up to 28 in (71 cm)	Up to 28 in (71 cm)
Travel Speed	Up to 82 ft/min (25 m/min)	Up to 82 ft/min (25 m/min)	Up to 80 ft/min (24 m/min)	Up to 78 ft/min (24 m/min)	Up to 76 ft/min (23 m/min)	Up to 80 ft/min (24 m/min)
Compaction Area	7260 ft²/hr (675 m²/hr)	7260 ft²/hr (675 m²/hr)	7880 ft²/hr (732 m²/hr)	7680 ft²/hr (713 m²/hr)	7490 ft²/hr (696 m²/hr)	10,200 ft²/hr (948 m²/hr)

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

** Centrifugal Force is not an expression of compaction effectiveness or force.

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



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