

WP-Premium Plates – Soil and Asphalt

Single Direction Vibratory Plates



Premium vibratory plates for soil and asphalt compaction

The WP premium plate series feature a patented computer designed base plate that has a tapered bottom and edges for high speed and excellent maneuverability. Designed for the compaction of granular, mixed materials with some cohesive content. Water tank models are available for asphalt applications. These plates have set the standard for performance and durability in confined areas such as parking lots, highway and bridge construction, next to structures, curbs and abutments. WP plates are also popular for landscape applications for subbase and paver compaction.

- Lightweight, high strength aluminum components keep machine weight down and allow for easy handling.
- Straight, center-mounted guide handle offers superior maneuverability and can be lowered within inches of the surface to operate the plate under obstacles and form work.
- Tough, wear resistant ductile iron base plate offers durability and shock resistance.
- Water tank models have a large capacity polyethylene tank that includes a large filter inside the tank to prevent clogging during operation and can be easily removed for cleaning and draining.
- Asphalt models include a spray bar with angled holes to allow for complete water coverage for no asphalt pick up on the plate bottom.



Base plate

- Tapered and rounded edges minimize the formation of undesired edges when turning the base plate and provide a smooth surface.
- Made of wear resistant ductile cast iron for a long service life.
- First class results in asphalt compaction due to the very high quality base plate.



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Guide handle

- The forward pivoting handle allows for operations such as upward pulling of the plate when working on a slope.
- Due to the central mounting of the guide handle the plate can be turned quickly and easily.

Solid protection frame with lifting eye

- Optimum protection of engine and water tank reduces repair costs.
- The robust lifting eye is integrated in the protection frame for safe lifting.
- Ideal for lateral operation along edges.



Water tank

- The 11 liters tank capacity reduces time for refills and thus increases productivity.
- Easy filling due to the large tank lid.
- Optional for all models of the WP series.



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Paving Pad

- Perfect protection of paving stones during compaction.
- Quick and stable mounting.
- Essential accessory for all pavement applications.



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Technical specifications

	WP 1540A*	WP 1550A*
Operating data		
Operating weight lb	185	190
Centrifugal force lbf	3,375	3,375
Base plate size (w x l) in	15.5 x 23	19.5 x 23
Operating width in	15.5	19.5
Height Lowest working in	20	20
Operating height in	38	38
Frequency Hz	100	100
Advance travel ft/min	85	100
Surface capacity ft ² /h	6,590	9,750
Engine / Motor		
Engine / Motor type	air-cooled, 4 cycle, single cylinder, gasoline engine	air-cooled, 4 cycle, single cylinder, gasoline engine
Engine / Motor manufacturer	Honda	Honda
Displacement in ³	9.9	9.9
Engine performance hp	5.5	5.5
at rpm rpm	3,900	3,900
Fuel consumption US gal/h	0.5	0.5
Tank capacity US qt	3.9	3.9
Power transmission	Power transmission from engine via centrifugal clutch and V-belt onto exciter which transmits centrifugal force onto baseplate.	Power transmission from engine via centrifugal clutch and V-belt onto exciter which transmits centrifugal force onto baseplate.

*Water tank models available. Tank capacity 11 qt/10.5 l.

Please note

that product availability can vary from country to country. It is possible that information / products may not be available in your country. More detailed information on engine power can be found in the operator's manual; the stated power may vary due to specific operating conditions.

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