

# WP-Premium Plates – Soil and Asphalt

## Single Direction Vibratory Plates



**WACKER  
NEUSON**  
*all it takes!*



### Premium vibratory plates for soil and asphalt compaction

The WP premium plate series feature a 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 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.

## WP-Premium Plates – Soil and Asphalt Technical specifications

|                                     | WP1540A*  | WP1550A*  |
|-------------------------------------|---|---|
| <b>Operating data</b>               |   |   |
| Operating weight lb                 | 190   | 196.2   |
| Centrifugal force lbf               | 3,375   | 3,375   |
| Base plate size (w x l) in          | 16.9 x 22.8   | 19.6 x 22.8   |
| Operating width in                  | 16.9  | 19.6  |
| Height Lowest working in            | 20.7  | 20.7  |
| Operating height in                 | 38  | 38  |
| Frequency Hz                        | 98  | 98  |
| Advance travel ft/min               | 88.6  | 82  |
| Surface capacity ft <sup>2</sup> /h | 7,503   | 8,073   |
| <b>Engine / Motor</b>               |   |   |
| 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 <sup>3</sup>        | 9.9   | 9.9   |
| Engine performance hp               | 4.15  | 4.15  |
| at rpm rpm                          | 3,600   | 3,600   |
| Fuel consumption US gal/h           | 0.21  | 0.21  |
| Fuel tank capacity US gal           | 0.95  | 0.95  |
| 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. Subject to alterations and errors excepted. Applicable also to illustrations.  
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