



## **WP Range (10-20 kN)**

**Single direction Vibratory Plates (50-110 kg)**

### Perfect for horticulture and landscape design

The vibratory plates of the WP range are extremely compact devices, which are perfect for compacting asphalt and interlocking paving stone, as well as the compaction of mixed soils in very confined spaces. They are particularly useful for the construction of paths, as well as horticulture and landscaping. The perfect combination of optimally designed base plate and guide handle achieves superior maneuverability. The devices of the WP range can be easily guided around rocks and manhole covers, or along curbs, gutters, guide rails and buildings.

- Impeccable asphalt compaction: The tapered edges of the base plate minimize the formation of track marks when turning the vibratory plate.
- Comfortable surface compaction: The tapered base plate makes spot compaction easy.
- Robust design minimizes maintenance: The V-belt drive with all-round protection ensures longer belt life. The base plate is made of wear resistant ductile graphite iron.
- Three handling points in the bracket make transport easy. And the forward folding guide handle turns it into a compact unit.
- Optional water tank available.



The frame design also permits side operation.

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## Technical specifications

|   | <b>WP 1030A*</b>   | <b>WP 1235A*</b>   | <b>WP 1540A*</b>   | <b>WP 1540W*</b>   |
|---|--|--|--|--|
| <b>Operating data</b>   |  |  |  |  |
| Operating weight kg   | 50   | 60   | 75   | 75   |
| Centrifugal force kN  | 10   | 12   | 15   | 15   |
| Base plate size (W x L) mm  | 300 x 496  | 350 x 546  | 400 x 586  | 400 x 586  |
| Operating width mm  | 300  | 350  | 400  | 400  |
| Operating height min. mm  | 629  | 606  | 652  | 632  |
| Frequency Hz  | 98   | 98   | 98   | 98   |
| Advance travel max. (depending on soil & environmental factors) m/min               | 26   | 27   | 29   | 29   |
| Surface capacity max. (depending on soil & environmental factors) m <sup>2</sup> /h | 468  | 567  | 696  | 696  |
| <b>Engine / Motor</b>   |  |  |  |  |
| Engine / Motor type   | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         |
| Engine / Motor manufacturer   | Honda  | Honda  | Honda  | Wacker Neuson  |
| Engine / Motor  | GX 100   | GX 120   | GX 160   | WM 170   |
| Displacement cm <sup>3</sup>  | 98   | 118  | 163  | 169  |
| Engine performance max. (DIN ISO 3046) kW   | 2.1  | 2.6  | 3.6  | 3.7  |
| at rpm rpm  | 3,600  | 3,600  | 3,600  | 3,600  |
| Fuel consumption l/h  | 0.33   | 0.8  | 1.8  | 1.8  |
| Tank capacity (fuel) l  | 1.2  | 2.5  | 3.7  | 3.7  |
| Power transmission  | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. |
| <b>WP 1550A*</b> <b>WP 1550W*</b> <b>WP 2050A*</b> <b>WP 2050W*</b>                 |  |  |  |  |
| <b>Operating data</b>   |  |  |  |  |
| Operating weight kg   | 85   | 85   | 100  | 100  |
| Centrifugal force kN  | 15   | 15   | 20   | 20   |



|  | <b>WP 1550A*</b>   | <b>WP 1550W*</b>   | <b>WP 2050A*</b>   | <b>WP 2050W*</b>   |
|--|--|--|--|--|
| <b>Base plate size (W x L) mm</b>  | 500 x 586  | 500 x 586  | 500 x 586  | 500 x 586  |
| <b>Operating width mm</b>  | 500  | 500  | 500  | 500  |
| <b>Operating height min. mm</b>  | 632  | 632  | 632  | 632  |
| <b>Frequency Hz</b>  | 98   | 98   | 98   | 98   |
| <b>Advance travel max. (depending on soil and environmental factors) m/min</b>             | 29   | 29   | 28   | 28   |
| <b>Surface capacity max. (depending on soil and environmental factors) m<sup>2</sup>/h</b> | 870  | 870  | 840  | 840  |
| <b>Engine / Motor</b>  |  |  |  |  |
| <b>Engine / Motor type</b>   | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         | Air-cooled 1-cylinder four-cycle gasoline engine                         |
| <b>Engine / Motor manufacturer</b>   | Honda  | Wacker Neuson  | Honda  | Wacker Neuson  |
| <b>Engine / Motor</b>  | GX 160   | WM 170   | GX 160   | WM 170   |
| <b>Displacement cm<sup>3</sup></b>   | 163  | 169  | 163  | 169  |
| <b>Engine performance max. (DIN ISO 3046) kW</b>   | 3.6  | 3.7  | 3.6  | 3.7  |
| <b>at rpm rpm</b>  | 3,600  | 3,600  | 3,600  | 3,600  |
| <b>Fuel consumption l/h</b>  | 1.8  | 1.8  | 1.8  | 1.8  |
| <b>Tank capacity (fuel) l</b>  | 3.7  | 3.7  | 3.7  | 3.7  |
| <b>Power transmission</b>  | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. | From drive motor via automatic centrifugal belt drive direct to exciter. |

**Information on suitable accessories can be found on our website.**

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

Information on suitable accessories can be found on our website. 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. Copyright © 2013 Wacker Neuson SE.