

# DPU5545

## Reversible Vibratory Plates



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



### Specialist for heavy soils

Thanks to its powerful compaction force combined with a quick forward and reverse travel direction, the DPU5545 offers a high level of productivity. It is an all-rounder for all job sites where high demands are placed on the performance efficiency of a unit. In addition, it offers excellent characteristics in terms of service life and operating comfort. Optimal application areas are the compaction of frost coverings and subbases in street, path and parking lot construction as well as backfilling buildings. Thanks to a frequency of 69 Hz, the DPU5545 is universally applicable and even reliably compacts medium-weight to heavy interlocking paving stones. The DPU5545Hec is equipped with Compacec, the compaction control from Wacker Neuson.

- The new center pole reduces hand-arm vibration (HAV) to a minimum and therefore offers a high level of operating comfort at full compaction performance. No restriction for the time of operation and no documentation effort.
- A dead man function prevents the operator from being trapped between the equipment and an object when working in reverse.
- All maintenance points are quickly and easily accessible. Extensive comfort functions: such as low oil shutdown, self-tightening V-belt, maintenance-free alternator, pull-out external jump-start connection that is accessible from outside.
- A large dimensioned diesel engine offers high power reserves and ensures for a high level of efficiency and long service life.
- Compacec: Easy-to-read display of the relative compaction

progress. Warning for overload and over-compaction.  
Brightness adjustment of the lights to the ambient light.  
Extremely sturdy and reliable.

## DPU5545 Technical specifications

|  | DPU5545H  | DPU5545He   | DPU5545Heap   | DPU5545Hec  |
|--|---|---|---|---|
| <b>Operating data</b>  |   |   |   |   |
| Operating weight kg  | 399   | 424   | 447   | 426   |
| Centrifugal force kN   | 55  | 55  | 55  | 55  |
| Base plate size (W x L) mm   | 440 x 900   | 440 x 900   | 440 x 900   | 440 x 900   |
| Base plate thickness mm  | 12  | 12  | 12  | 12  |
| Height (without center pole) mm  | 790   | 790   | 790   | 790   |
| Operating width (with extension plate) mm  | 600   | 600   | 750   | 600   |
| Frequency Hz   | 69  | 69  | 69  | 69  |
| Hand-arm vibrations m/s <sup>2</sup>   | < 2.5   | < 2.5   | < 2.5   | < 2.5   |
| Advance travel max. (dependent on soil and environmental influences) m/min               | 27  | 27  | 27  | 27  |
| Surface capacity max. (dependent on soil and environmental influences) m <sup>2</sup> /h | 980   | 980   | 980   | 980   |
| Gradeability %   | 57.7  | 57.7  | 57.7  | 57.7  |
| Transport height mm  | 1,514   | 1,514   | 1,514   | 1,514   |
| Transport length mm  | 1,048   | 1,048   | 1,048   | 1,048   |
| Transport width mm   | 780   | 780   | 810   | 780   |
| <b>Engine / Motor</b>  |   |   |   |   |
| Engine / Motor type  | Air-cooled single cylinder four-cycle diesel engine                             | Air-cooled single cylinder four-cycle diesel engine                             | Air-cooled single cylinder four-cycle diesel engine                             | Air-cooled single cylinder four-cycle diesel engine                             |
| Engine / Motor manufacturer  | Hatz  | Hatz  | Hatz  | Hatz  |
| Engine / Motor   | 1D42S   | 1D42S   | 1D42S   | 1D42S   |
| Displacement cm <sup>3</sup>   | 445   | 445   | 445   | 445   |
| Engine performance max. (DIN ISO 3046 IFN) kW  | 7   | 7   | 7   | 7   |
| at rpm rpm   | 3,600   | 3,600   | 3,600   | 3,600   |
| Operating performance (DIN ISO 3046 IFN) kW  | 4.9   | 4.9   | 4.9   | 4.9   |
| at rpm rpm   | 3,000   | 3,000   | 3,000   | 3,000   |
| Fuel consumption l/h   | 1.6   | 1.6   | 1.6   | 1.6   |
| Fuel tank capacity l   | 5   | 5   | 5   | 5   |
| Power transmission   | From the drive motor via centrifugal clutch and V-belt directly to the exciter. | From the drive motor via centrifugal clutch and V-belt directly to the exciter. | From the drive motor via centrifugal clutch and V-belt directly to the exciter. | From the drive motor via centrifugal clutch and V-belt directly to the exciter. |
| Fuel type  | Diesel  | Diesel  | Diesel  | Diesel  |
| CO <sub>2</sub> (NRSC) * g/kWh   | 993   | 993   | 993   | 993   |

\*Determined value of the CO2 emission during engine certification without consideration of the application on the machine.

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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