

# DPU4545

## Reversible Vibratory Plates



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



### Quickly and reliably to the destination

Thanks to its excellent compaction force combined with a quick forward and reverse travel direction, the DPU4545 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 DPU4545 is universally applicable and even reliably compacts medium-weight interlocking paving stones. The model version DPU4545Hec is equipped with Compatec, the compaction control by Wacker Neuson.

- The innovative center pole provides for very low hand-arm vibration (HAV) and therefore optimizes the user friendliness.
- Variable operating widths through different extension plates
- Extensive comfort functions, such as low oil shutdown, self-adjusting V-belts, maintenance-free alternator.
- A large dimensioned diesel engine offers sufficient power reserves and ensures for a high level of efficiency and long service life.
- Compatec: 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.

## DPU4545 Technical specifications

	DPU4545H	DPU4545He	DPU4545Hec
<b>Operating data</b>			
Operating weight kg	402	423	424
Centrifugal force kN	45	45	45
Base plate size (W x L) mm	440 x 900	440 x 900	440 x 900
Base plate thickness mm	12	12	12
Height (without center pole) mm	790	790	790
Operating width (with extension plate) mm	600	600	600
Frequency Hz	69	69	69
Hand-arm vibrations m/s <sup>2</sup>	< 2.5	< 2.5	< 2.5
Advance travel max. (dependent on soil and environmental influences) m/min	25	25	25
Surface capacity max. (dependent on soil and environmental influences) m <sup>2</sup> /h	910	910	910
Gradeability %	57.7	57.7	57.7
Transport height mm	1,540	1,540	1,540
Transport length mm	1,048	1,048	1,048
Transport width mm	780	780	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
Engine / Motor manufacturer	Hatz	Hatz	Hatz
Engine / Motor	1D42S	1D42S	1D42S
Displacement cm <sup>3</sup>	445	445	445
Engine performance max. (DIN ISO 3046 IFN) kW at rpm rpm	7 3,600	7 3,600	7 3,600
Operating performance (DIN ISO 3046 IFN) kW at rpm rpm	4.9 3,000	4.9 3,000	4.9 3,000
Fuel consumption l/h	1.6	1.6	1.6
Tank capacity (fuel) l	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.
Fuel type	Diesel	Diesel	Diesel
CO <sub>2</sub> (NRSC) * g/kWh	993	993	993

\*Determined value of the CO<sub>2</sub> 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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