



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

## DPU4545Heh Reversible Vibratory Plates



### Achieve your goal fast and reliably

High compaction force combined with fast forward and reverse travel means the DPU 4545He achieves great productivity. It is an all-around versatile plate for all job sites that place high demands on the machine's performance potential. Its other outstanding characteristics are high operator comfort and a long service life. It is perfectly suited for the compaction of building back-fill, and of frost and sub bases when constructing roads, paths and parking lots. The 69 Hz frequency makes the DPU 4545He suitable for all purposes and compacts even medium-weight interlocking paving stone reliably. Compatec, the compaction control by Wacker Neuson, is also available as a retrofit kit for all DPU 4545He models starting with the year 2011.

- The innovative guide handle provides for very low hand-arm vibration and optimizes the user-friendliness.
- Different extension plates provide a variety of operating widths.
- Comprehensive comfort features: e.g. low oil shut off, self tightening V-belt and maintenance-free alternator.
- The large diesel engine with its high reserve capacity ensures great efficiency and a long service life.
- Infinitely variable forward and reverse operation including spot compaction for easy maneuverability. Ideal for trenches and large areas.



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Very low hand-arm vibrations

The particularly designed Wacker Neuson guide handle provides a hand-arm vibration of under 2,5 m/s<sup>2</sup>.

This allows for an all-day continuous operation without impairment and risk to the user.

All documentation requirements are omitted if an operator only works with equipment that has acceleration values below 2.5 m/s<sup>2</sup>.



Compatec - Compaction Control

**Available as an accessory:** Easy to read Compatec helps the operator determine when maximum compaction has been reached. The number of lights will increase with each pass and no longer increase once maximum compaction is achieved. Retro-Fitting for DPU 4545 He are also available.



Intuitive guide handle design  
Change the direction of travel and control speed simply by moving the handle forwards and backwards.



Available with crank handle or electric starter.  
The electric starter model is conveniently started with an ignition key.  
A loud signal tone prevents inadvertent draining of the battery.



#### **Pinpoint compaction**

Compelec compaction control shows you when the soil is adequately compacted. Over compaction and overload can be avoided.



#### **Easy to transport**

On job sites as well as on transportation vehicles: thoughtful details make the transport of our Vibratory Plates comfortable and easy.



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#### **Low hand-arm vibration**

Especially in continuous use low hand-arm vibrations (HAV) are essential. Our reversible vibratory plates can be used without any time limit and mostly even without documentation requirements.



#### **User comfort installed**

For particular user friendliness all Wacker Neuson models are easy and simple to use.



#### **Diesel or Gasoline drive**

High reserve capacity and long service life are the characteristics of the engines of all models - available with diesel or gasoline engines



Technical specifications

	DPU4545He	DPU4545Hec
<b>Operating data</b>		
Operating weight lb	932.5	937
Centrifugal force lbf	10,116	10,116
Base plate size (W x L) in	17.3 x 35.4	17.3 x 35.4
Base plate thickness in	0.47	0.47
Height (without guide handle) in	31.1	31.1
Operating width (with extension plate) in	23.6	23.6
Frequency Hz	69	69
Hand-arm vibrations ft/s <sup>2</sup>	4.9	4.9
Advance travel max. (depending on soil & environmental factors) ft/min	68.8	68.8
Surface capacity max. (depending on soil & environmental factors) ft <sup>2</sup> /h	8,191	8,191
Transport height in	60.6	60.6
Transport length in	41.3	41.3
Transport width in	30.7	30.7
<b>Engine / Motor</b>		
Engine / Motor type	Air-cooled single-cylinder, four-cycle diesel engine	Air-cooled single-cylinder, four-cycle diesel engine
Engine / Motor manufacturer	Hatz	Hatz
Engine / Motor	1D42S	1D42S
Displacement in <sup>3</sup>	27.1	445
Engine performance max. (DIN ISO 3046 IFN) kW at rpm rpm	6.4 2,850	6.4 2,850
Operating performance max. (DIN ISO 3046 IFN) kW at rpm rpm	4.9 3,000	4.9 3,000
Fuel consumption US gal/h	0.48	1.8
Tank capacity (fuel) US qt	5.3	5
Power transmission	From drive motor via centrifugal clutch and V-belt direct to exciter.	From drive motor via centrifugal clutch and V-belt direct to exciter.
Fuel type	Diesel	Diesel



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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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