



DPU5545He

Reversible Vibratory Plates (300-800 kg)



The specialist for heavy soils

High compaction force combined with fast forward and reverse travel means the DPU 5545He 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 5545He suitable for all purposes and compacts even medium-weight and heavy interlocking paving stone reliably. Compatec, the compaction control by Wacker Neuson, is available as a retrofit kit for all DPU 5545He models starting with the year 2011.

- The innovative guide handle provides for very low hand-arm vibration and optimizes the user-friendliness
- Available with electric starter and crank start back-up. 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 spaces



Very low hand-arm vibrations
The particularly designed Wacker Neuson guide handle provides a hand-arm vibration of under 2,5 m/s².

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/s².



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 5545He 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

Compatec 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.



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**

	DPU 5545 H	DPU 5545 He	DPU 5545 Heap	DPU 5545 Hec
Operating data				
Operating weight lb	879.6	934.8	985.5	917.1
Centrifugal force lbf	12,364	12,364	12,364	12,364
Base plate size (W x L) in	17.3 x 35.4	17.3 x 35.4	17.3 x 35.4	17.3 x 35.4
Base plate thickness in	0.47	0.47	0.47	0.47
Height (without guide handle) in	31	31	31	31
Operating width (with extension plates) in	23.6	23.6	30	23.6
Frequency Hz	69	69	69	69
Hand-arm vibrations ft/s ²	4.9	4.9	4.9	4.9
Advance travel max. (depending on soil & environmental factors) ft/min	77	77	77	77
Surface capacity max. (depending on soil & environmental factors) ft ² /h	9,171	9,171	11,366.8	9,171
Transport height in	59.6	59.6	59.6	59.6
Transport length in	41.3	41.3	41.3	41.3
Transport width in	30.7	30.7	31.9	30.7
Engine / Motor				
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 in ³	27.1	27.1	27.1	27.1
Engine performance max. (DIN ISO 3046) kW	6.4	6.4	6.4	6.4
at rpm rpm	2,850	2,850	3,600	2,850
Operating performance (DIN ISO 3046) kW	4.9	4.9	4.9	4.9
at rpm rpm	3,000	3,000	3,000	3,000
Fuel consumption US gal/h	0.47	0.47	0.47	1.8
Tank capacity (fuel) US qt	5.3	5.3	5.3	5.3



	DPU 5545 H	DPU 5545 He	DPU 5545 Heap	DPU 5545 Hec
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.	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	Diesel	Diesel

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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