



**DPU 4545He**  
**Reversible Vibratory Plates (300-800 kg)**

## Achieve your goal fast and reliably

High compaction force combined with fast forward and reverse travel means the DPU 4545 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 4545 suitable for all purposes and compacts even medium-weight interlocking paving stone reliably.

- Intuitive guide handle design: The operator changes the direction of travel and speed simply by moving the handle forwards and backwards.
- Infinitely variable forward and reverse operation including spot compaction for easy maneuverability. Ideal for trenches and large areas.
- 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.
- Available with standard electric start and crank start back-up. Different extension plates provide a variety of operating widths.

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## Technical specifications

### Operating data

Operating weight	892.9 lb
Centrifugal force	10,116 lbf
Base plate size (W x L)	17.7 x 35.4 in
Base plate thickness	0.47 in
Height (without guide handle)	30.3 in
Operating width (without extension plate)	18.1 in
Operating width (with extension plate)	23.6 in
Frequency	69 Hz
Advance travel max. (depending on soil & environmental factors)	82 ft/min
Surface capacity max. (depending on soil & environmental factors)	9,687 ft <sup>2</sup> /h

### Engine / Motor

Engine / Motor type	Air-cooled single-cylinder, four-cycle diesel engine
Engine / Motor manufacturer	Hatz
Engine / Motor	1D42S
Displacement	27.1 in <sup>3</sup>
at rpm	3,600 rpm
Operating performance max. (DIN ISO 3046)	9.4 hp
Operating performance (DIN ISO 3046)	6.5 hp
at rpm	3,000 rpm
Fuel consumption	0.47 US gal/h
Tank capacity (fuel)	5.3 US qt
Power transmission	From drive motor via centrifugal clutch and V-belt direct to exciter.
Fuel type	Diesel

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