

# DPU4045

## Reversible Vibratory Plates



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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 DPU4045 offers a high level of productivity. It is equipped with a Yanmar diesel engine and 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 DPU4045 is universally applicable and even reliably compacts medium-weight interlocking paving stones.

- 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 Yanmar diesel engine offers sufficient power reserves and ensures for a high level of efficiency and long service life.
- New positioning of the operator's controls in a sturdy housing — better protection against dirt accumulation and damage.

## DPU4045 Technical specifications

DPU 4045Ye

### Operating data

Operating weight	376 kg
Centrifugal force	40 kN
Base plate size (W x L)	440 x 900 mm
Base plate thickness	12 mm
Height (without center pole)	764 mm
Operating width (with extension plate)	600 mm
Frequency	69 Hz
Hand-arm vibrations	< 2.5 m/s <sup>2</sup>
Advance travel max. (dependent on soil and environmental impacts)	24 m/min
Surface capacity max. (dependent on soil and environmental impacts)	870 m <sup>2</sup> /h
Transport height	1,514 mm
Transport length	1,048 mm
Transport width	780 mm

### Engine / Motor

Engine / Motor type	Air-cooled single cylinder four-cycle diesel engine
Engine / Motor manufacturer	Yanmar
Engine / Motor	L70N
Displacement	320 cm <sup>3</sup>
Engine performance max. (DIN ISO 3046 IFN)	4.5 kW
at rpm	3,000 rpm
Operating performance max. (DIN ISO 3046 IFN)	4.3 kW
at rpm	3,000 rpm
Fuel consumption	1.4 l/h
Fuel tank capacity	3.3 l
Power transmission	From the drive motor via the centrifugal clutch and V-belt directly to the exciter
Fuel type	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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