



## DPU4045

Reversible Vibratory Plates



### Quickly and reliably to the destination

Thanks to its excellent compaction force combined with a quick forward and reverse travel direction, the DPU 4045 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 DPU 4045 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.



#### Very low hand-arm vibration (HAV)

The specially designed center pole from Wacker Neuson generates very low hand-arm vibration (HAV) below 2.5 m/s<sup>2</sup>.

This allows for continuous operation all day long without impairment and without hazard to the end 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>.



#### Intuitive control handle design

The speed is regulated and the travel direction is changed through the forward and backward movement of the handle.



Electric starter as a standard.

- Easy to start with the ignition switch key, without an extra starter button
- Standard outfitting with an electric starter and recoil starter.
- A loud signal tone generator helps to avoid unnecessary battery discharge.
- New positioning of the operator's controls – in a sturdy housing, the ignition lock and LED displays are better protected from dirt accumulation and damage.
- Keep a better eye on maintenance intervals: Available with an optional operating hour meter.



#### Low hand-arm vibration (HAV)

Low hand-arm vibrations (HAV) are essential, especially during long-time application. Our reversible vibratory plates can be used without a time restriction, largely even without a documentation requirement.



#### Diesel or gasoline drive system

High power reserves and a long service life characterize the engines of all of the models, and they are optionally available as a gasoline or diesel drive system.



#### Transport in no time

Whether on the job site or in a vehicle: Sophisticated details make transporting the vibratory plates convenient and easy.



#### Integrated operator comfort

All of the Wacker Neuson models can be comfortably operated for particularly pleasant work.



## 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	1.2 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)	681 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
Tank capacity (fuel)	3.3 l
Power transmission	From the drive motor via the centrifugal clutch and V-belt directly to the exciter
Fuel type	Diesel



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

**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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