



## **DPU - 100 kN**

**Reversible Vibratory Plates (300-800 kg)**

### Continuously variable speed means precise work

The 100 kN centrifugal force turns the DPU 100-70Les into the most powerful walk-behind vibratory plate in the market; a real powerhouse. Thanks to continuously variable speed for both advance and reverse travel, the DPU 100-70Les can be operated easily and with precision even in difficult areas. That makes it ideal for large areas with many obstacles, where exact work around the edges is a must. Finishing with a smaller device is no longer necessary. Coupling sets of 2 or 3 plates significantly increase the surface capacity of the machine.

- The speed of the vibratory plate can be adjusted progressively with the push of a button, for instance when working around bridge piers or along curb edges.
- Inching on hard surfaces can be carried out without risk of damage.
- On the spot compaction: Consistent compaction can be achieved at the touch of a button - with continuously adjustable compaction force.
- Excellent safety standard: If there is a loss of control, the device automatically goes into safe operating mode.
- Extremely low HAV values: less than 2.5 m/s<sup>2</sup>

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## Technical specifications

## DPU 100-70Les

## Operating data

Operating weight	726 kg
Centrifugal force	100 kN
Base plate size (W x L)	700 x 1,073 mm
Base plate thickness	14 mm
Height (without guide handle)	910 mm
Operating width (without extension plates)	700 mm
Operating width (with extension plates)	757 mm
Frequency	56 Hz
Advance travel max. (depending on soil & environmental factors)	30 m/min
Surface capacity max. (depending on soil & environmental factors)	1.260 m <sup>2</sup> /h

## Engine / Motor

Engine / Motor type	Air-cooled 2-cylinder diesel engine with electric starter as standard.
Engine / Motor manufacturer	Kohler
Engine / Motor	12 LD 477-2
Displacement	954 cm <sup>3</sup>
Engine performance max. (DIN ISO 3046)	14,8 kW
at rpm	3.000 rpm
Operating performance (DIN ISO 3046)	11,5 kW
at rpm	2.870 rpm
Fuel consumption	2,6 l/h
Tank capacity (fuel)	7,5 l
Power transmission	From drive engine via gear pump and hydraulic motor to exciter.
Fuel type	Diesel



**Information on suitable accessories can be found on our website.**

The right to make changes is reserved in the interests of ongoing further developments. You can find more information on the engine power in the operator's manual. The actual power output figures may vary due to specific operating conditions.

Information on suitable accessories can be found on our website. 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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