



DPU100-70Les
Reversible Vibratory Plates



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.

- The speed of the vibratory plate can be adjusted progressively with the push 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/s²



Technical specifications

DPU 100-70Les

Operating data

Operating weight with extension plates	750 kg
Centrifugal force	98 kN
Base plate size (W x L)	700 x 1073 mm
Base plate thickness	14 mm
Height (without guide handle)	910 mm
Operating width (without extension plates)	716 mm
Operating width (with extension plates)	870 mm
Frequency	56 Hz
Advance travel max. (depending on soil & environmental factors)	30 m/min
Surface capacity max. (depending on soil & environmental factors)	1,289 m ² /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 ³
at rpm	3,000 rpm
Operating performance max. (DIN ISO 3046)	14.8 kW
Operating performance (DIN ISO 3046)	10.1 kW
at rpm	2,870 rpm
Fuel consumption	3.2 l/h
Tank capacity (fuel)	7.5 l
Power transmission	From drive engine via gear pump and hydraulic motor to 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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