

Reversible Vibratory Plate

DPU 100-70Les

DPU

The efficient power package: Higher efficiency with more power

»» The DPU 100-70Les uniquely combines power, efficiency and reliability. The extremely high compaction depth and surface performance of this machine makes a great combination. The result: An unbeatable value! The reliable electronic control allows for simple and safe operation of this power package. ««



ADDITIONAL ADVANTAGES:

- **This machine offers the market's highest centrifugal force** and the highest possible compaction performance.
- **This plate has extremely high power reserves** and therefore never reaches its power limits.
- **A reliable Electronic Control** replaces the conventional relay control. It is trouble-free in relation to vibration and humidity.
- **The proven exciter control** makes possible an "intuitive operation." Direction changes are easily taken care of by effortlessly guiding the machine.
- **In case of a failure or loss of control the machine will automatically go into a safety mode** without requiring the emergency shut-down or back-up safety feature to be activated.
- **Spot compaction mode** allows for in-place compaction of soft spots.
- **Infinitely variable travel speeds** allow for fine control of the machine near jobsite obstacles.
- **This low profile unit features standard extension plates** providing adjustable operating widths.



WACKER NEUSON

Technical Data

DPU 100-70Les

Operating weight (without / with extension plates)	lb (kg)	1,585 / 1,653 (719 / 750)
Shipping weight (including packaging)	lb (kg)	1,714 (777.4)
Working width (without / with extension plates)	in (mm)	28.2 / 34.3 (716 / 870)
Machine height	in (mm)	35.8 (910)
Working height of handle (adjustable)	in (mm)	30.7 - 48.8 (780 - 1240)
Shipping size (l x w x h)	in (mm)	54.3 x 65.0 x 36.6 (1380 x 1650 x 930)
Base plate thickness	in (mm)	0.55 (14)
Centrifugal force	lb (kN)	22,031 (98)
Frequency	vpm (Hz)	3,360 (56)
Max. forward and reverse travel (without / with extension plates) depending on soil	ft/min (m/min)	98.4 / 91.9 (30 / 28)
Max. compacted area (without / with extension plates) depending on soil	ft ² /h (m ² /h)	up to 13,875 / 15,737 (1289 / 1462)
Max. gradeability (depending on soil)	%	40
Drive engine	air-cooled two-cylinder diesel engine with standard electronic starting device	
Manufacturer	Kohler	
Max. power output (DIN ISO 3046) at speed	hp (kW) rpm	19.9 (14.85) 3,000
Rated power output (DIN ISO 3046) at speed	hp (kW) rpm	13.7 (10.1) 2,874
Fuel consumption	qt/h (l/h)	2.8 (3.2)
Tank capacity (fuel)	qt (l)	7.4 (7.5)
Max. allowable tilt	°	25
Power train	from drive engine via gear pump and gear motor onto exciter, from where the centrifugal force transmits directly to the base plate	

Standard Package

Vibratory Plates
DPU 100-70Les

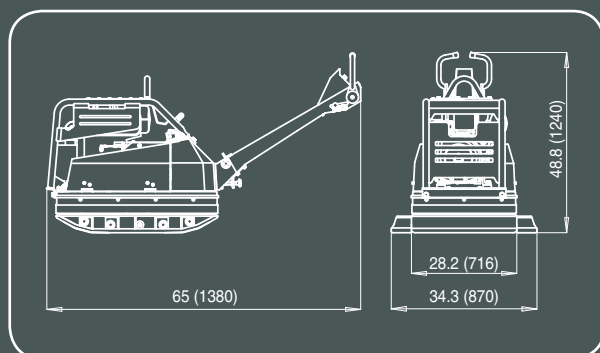
includes extension plates,
operator's manual and
parts book

Model Guide

D = Diesel
P = Plate
U = Reversible
L = Lombardini engine

100 = Centrifugal force (kN)
70 = Width (cm)
e = electronic start
s = stepless

Please refer to our Price List and Ordering Guide for complete accessory information.



Specifications may change due to continuous product development. Users are advised to consult Wacker Neuson's Operator's Manual and website for specific information regarding the engine power rating. Actual power output may vary due to conditions of specific use.