



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

## Reversible vibratory plate DPU130r

5000610143

[Home](#) >> [Catalog](#) >> [Products](#) >> [Compaction](#) >> [Vibratory Plates](#) >> [Reversible Vibratory Plates](#) >> [Reversible vibratory plate DPU130r](#)

### Reversible vibratory plate DPU130r

Material number 5000610143

The most powerful vibratory plate in the world! Remote-control vibratory plate for soil compaction.



### Product details

#### The economic alternative to the 7-ton roller!

#### Vibratory plate

- Electric starter, can be protected by PIN
- Two-part base plate for easy maneuvering
- Forward and reverse operation in variable, infinitely adjustable speed
- On the spot compaction
- Creep speed for maneuvering on hard sub-surfaces
- Large rotating beacon display for overload
- Emergency shut-down switch
- Hydraulically activated control
- Diesel engine with water cooling
- All system components, including on/off switch, display, lifting eye and tank, are placed below the lockable hood in a protected manner
- Two-part hood that opens wide for ideal access to the engine and all maintenance parts
- On-board computer with display for comprehensive diagnoses and displays of engine and operating states
- Control lamps for oil pressure, engine temperature and air cleaner capacity
- Favorably priced transport is possible, e.g. on the loading area of a small truck

#### Remote control

- Safety features: The machine stops when near the operator (2 meters), when at too great a distance (20 meters) and upon loss of a clear line of sight (obstruction between operator and machine).
- Infrared technology
- 16 different channels

- Rechargeable on vibratory plate (under lockable hood) or external power source

### **Comes with**

- Vibratory plate
- Remote control
- Operator's manual
- Machine configuration instructions

## Technical specifications

### Reversible vibratory plate DPU130r

#### MECHANICAL - OUTPUT DETAILS

Gradeability	46,0 %
Centrifugal force	130,000 kN
Transmission	ELHY
Area capacity	2.232 m <sup>2</sup> /h
Vibrations	3.480 1/min
Forward running	31,00 m/min
Vibrations (Hz)	58 Hz

#### ENGINE

Engine type	Diesel engine
Effective power	17,9 kW, 17,9 kW
Nominal Engine speed	2.700 1/min, 2.700 1/min
Standard (Effective power)	ISO 3046 IFN
Cylinder	4
Cylinder capacity	1.372 cm <sup>3</sup>
Engine Manufacturer	Kohler
Cooling	water-cooling
Tank capacity	18,00 l
Exhaust-gas limit	US: EPA TIER 4 - final + CARB, EU Stage V
Kraftstofftyp	Diesel EN 590
Air cleaner	dry air filter
Engine operating mode	four-stroke
Inclined position max.	25,0 °
Fuel consumption	5,30 L/Std
Oil specification	SAE 10W-40

Oil filling max.	3,00 l
Oil filling min.	3,00 l
Power rating max.	24,5 kW
Engine speed (Power max.)	3.600 1/min
Standard (Power max.)	ISO 3046 IFN
Operating power	16,0 kW
Operating Engine speed	2.700 1/min
Standard (Operating power)	ISO 3046 IFN
Upper idling speed ex load	2.800 1/min
Oil volume incl. filter change	3,20 l
Starter type	E-starter
Starter battery Voltage	12 V
Battery capacity (nom. value)	50 Ah

#### ELECTRICAL SYSTEM

Coding options	16 Kanäle
Remote Control Range	23 m
Remote Control Bat. Capacity	12 h
Recommended Battery Typ	Ni-MH 7,2V/2000mAh
Charging Time	1,90 h

#### HYDRAULIC

Operating pressure hydraulics	140,0 bar
Max. perm. hydraulic pressure	175,0 bar

#### ENVIRONMENT DATA

Sound level LpA	87,0 dB(A)
-----------------	------------

Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	108,0 dB(A)
Sound power LWA, guaranteed	109,0 dB(A)
Sound power LWA (Standard)	EN 500-4
Storage temperature range	-20 - 50 °C
Operating temperature range	-10 - 50 °C

## MECHANICAL DETAILS

Width	1.202 mm
Height	996 mm
Operating weight	1.170,0 kg
Lenght Drawbar in op. pos.	1.270 mm
Ground clearance	996 mm

## OPERATING FLUIDS

Hydraulic fluid type	MR 520
Cooling fluid volume	2,00 l
Cooling fluid type	Maintain Fricofin
Exciter oil volume	1,20 l
Exciter oil type	75W-90 API GL-4
Hydraulic fluid volume	44,0 l

## Custom Attributes

Model serie	DPU
-------------	-----

**Please Note**

This 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 started power may vary due to specific operating conditions. Subject to alterations and errors expected. Applicable also to illustrations.

Copyright © 2023 Wacker Neuson SE