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## Reversible vibratory plate DPU80rLem670

5100024697

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### Reversible vibratory plate DPU80rLem670

Material number 5100024697



Remote-controlled vibratory plate with diesel engine, electric starter and machine protection for the highest requirements on performance, sturdiness and operating comfort in soil compaction. Operating width 670 mm.

### Product details

Heavy remote-controlled vibratory plate with outstanding properties in terms of maneuverability, operating comfort, sturdiness and transport. Ideal for working in trench applications and sheeting and bracings.

- Vibratory plate with unique steering behavior: Very easy to steer due to the remote control with two joysticks. Travel speed and rotation possible simultaneously, allowing for accurate turning of curves and a fast working speed
- Large infrared receiver eye, well-protected from damage: Gives when impacted or folds in
- Time-tested and proven safety features of infrared receiver eye technology: Proximity (nearness) recognition sensor protects the operator, machine standstill if the clear line of sight is interrupted
- Remote control in the unit can be charged under lockable hood.
- Low overall height for compact working and transport dimensions
- Sturdy, two-piece steel frame hood, lockable
- Fold-down lifting eye, optimally shaped for using various tackle
- Start at the push of a button, automatic start after the warm-up phase prevents a cold start that stresses the machine
- Operator's panel, 12 languages available: Electronic operating displays, diagnostic menu, including for battery voltage, engine speed, coolant temperature, error memory
- Machine protection sensor protects the machine from overload when driving on hard sub-surface. Programmable behavior: Warning flashing, RPM reduction or shutdown of the machine.
- Programmable anti-theft PIN
- Hood can be opened without tools by swinging open, offers quick and spacious access to all control and maintenance parts
- Large air filter for long service life

- Large air filter for long service life
  - Large tank, fill level can be seen from outside
  - Quiet liquid-cooled engine
  - Four large tie-downs on the base plate, very easily accessible, even from outside of the loading area
- Optionally also available with Compatec (compaction control).

### **Comes with**

- Vibratory plate
- Remote control
- Operator's manual

## Technical specifications

### Reversible vibratory plate DPU80rLem670

#### HYDRAULIC

Operating pressure hydraulics	155,0 bar
Max. perm. hydraulic pressure	230,0 bar

#### ENVIRONMENT DATA

Sound level LpA	84,0 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, 2000/14/EG
Storage temperature range	-20 - 50 °C
Operating temperature range	-10 - 50 °C

#### MECHANICAL DETAILS

Width	670 mm
Height	833 mm
Operating weight	709,0 kg
Lenght Drawbar in op. pos.	1.207 mm
Ground clearance	830 mm

#### OPERATING FLUIDS

Hydraulic fluid type	Renolin MR 520
Cooling fluid volume	3,30 l
Cooling fluid type	SAE J1034:Wasser (1:1)
Exciter oil volume	1,60 l
Exciter oil type	75W-90 API GL-4
Hydraulic fluid volume	17,7 l

## ELECTRICAL SYSTEM

Remote Control Range	20 m
Remote Control Bat. Capacity	8 h
Recommended Battery Typ	Ni-MH 7,2V/2000mAh
Charging Time	2,00 h

## MECHANICAL - OUTPUT DETAILS

Gradeability	34,0 %
Centrifugal force	80,000 kN
Transmission	ELHY
Area capacity	1.085 m <sup>2</sup> /h
Vibrations	3.380 1/min
Forward running	27,00 m/min
Vibrations (Hz)	56 Hz

## ENGINE

Engine type	Diesel engine
Effective power	11,0 kW, 11,0 kW
Nominal Engine speed	3.000 1/min, 3.000 1/min
Standard (Effective power)	ISO 3046 IFN

Cylinder	2
Cylinder capacity	686 cm <sup>3</sup>
Engine Manufacturer	Kohler
Cooling	water-cooling
Tank capacity	7,20 l
Exhaust-gas limit	EU Stage V
Kraftstofftyp	Diesel EN 590
Air cleaner	dry air filter
Engine operating mode	four-stroke
Inclined position max.	25,0 °
Fuel consumption	2,70 L/Std
Oil specification	SAE 10W-40
Oil filling max.	1,60 l
Oil filling min.	1,60 l
Power rating max.	11,5 kW
Engine speed (Power max.)	3.600 1/min
Standard (Power max.)	ISO 3046 IFN
Operating power	9,6 kW
Operating Engine speed	3.000 1/min
Standard (Operating power)	ISO 3046 IFN
Upper idling speed ex load	3.100 1/min
Oil volume incl. filter change	1,60 l
Starter type	E-starter
Starter battery Voltage	12 V
Battery capacity (nom. value)	50 Ah

#### Custom Attributes

Model serie	DPU
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**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.

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