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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 ² /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 cm3
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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