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Reversible vibratory plate DPU4045Ye

5100016954

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Reversible vibratory plate DPU4045Ye

Material number 5100016954



Reversible vibratory plate with a diesel engine and electric starter for heavy demands on performance and sturdiness in soil, asphalt and paving stone compaction.

Product details

Powerful vibratory plate that also easily compacts heavy soils.

- Intuitive control handle: Control the movement of direction as well as the speed in the same movement, without changing grips, both hands stay on the control handle
- Low hand-arm vibrations (HAV) (well below 2.5 m/s²)
- Height adjustable center pole
- Electric starter with a loud signal tone generator to avoid unnecessary battery discharge
- Safety setting: Machine moves away from the operator if the control handle is released
- Large-sized engine with high power reserves for a long service life
- Motor protection: Not possible to start with a low oil level
- Thick, wear-resistant base plate made from nodular cast iron
- The engine and tank are protected by a sturdy frame, which is also useful for a sturdy tie-down during transport.
- Very sturdy, free from play center pole lock, easy to actuate for a secure transport
- Large lifting eye that can be offset to neutral height
- All maintenance accesses are quick and easy to reach
- Self-adjusting V-belt and maintenance-free alternator
- Comprehensive protection of the functional parts against stone chipping and dirt accumulation
- Due to the low frequency, also suitable for the vibration of heavy interlocking paving stones
- Quick and easy assembly of a paving pad possible

You will also find an appropriate paving pad here in the shop for the protection of paving stone bottoms.

Technical specifications

Reversible vibratory plate DPU4045Ye

OPERATING FLUIDS

Exciter oil volume	0,75 l
Hydraulic fluid type	Renolin MR 520
Exciter oil type	75W-90 API GL-4
Cooling fluid volume	0,00 l
Cooling fluid type	0
Hydraulic fluid volume	0,5 l

ENVIRONMENT DATA

Storage temperature range	-10 - 40 °C
Sound level LpA	94,0 dB(A)
Sound power LWA, measured	107,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
Operating temperature range	-10 - 40 °C
Sound power LWA (Standard)	EN 500-4
Uncertainty in measurement HAV	0,5 m/s ²

ENGINE

Cooling	air cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder capacity	320 cm ³
Fuel	Diesel EN 590
Fuel consumption	1,40 L/hr
Inclined position max.	20,0 °
Cylinder	1
Tank capacity	3,3 l
Oil specification	SAE 10W-30
Oil filling max.	1,10 l

Power rating max.	4,5 KW
Standard (Effective power)	ISO 3046 IFN
Nominal Engine speed	3.000 1/min
Operating power	4,3 KW
Engine speed (Power max.)	3.000 1/min
Effective power	4,5 KW
Oil filling min.	0,70 l
Upper idling speed ex load	3.175 1/min
Operating Engine speed	3.000 1/min
Exhaust-gas limit	non EPA
Starter battery Voltage	12 V
Starter type	E-starter
Oil volume incl. filter change	1,10 l
Air cleaner	dry air filter
Battery capacity (nom. value)	45 Ah
Engine Manufacturer	Yanmar

MECHANICAL DETAILS

Length Drawbar in op. pos.	1.661 mm
Width	604 mm
Height	1.308 mm
Operating weight	376,0 kg
Ground clearance	764 - 859 mm

MECHANICAL - OUTPUT DETAILS

Centrifugal force	40,000 kN
Transmission	FKK-KR
Vibrations	4.140 1/min
Area capacity	870 m ² /h
Forward Running	24,00 m/min
Gradeability	36,4 %
Vibrations (Hz)	69 Hz