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Reversible vibratory plate DPU6555H

5100009651

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Reversible vibratory plate DPU6555H

Material number 5100009651

Reversible vibratory plate with a diesel engine 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 of the direction of movement as well as the speed in the same movement sequence - without changing grip, both hands stay on the control handle
- Low hand-arm-vibrations (well below 2.5 m/s²)
- Height adjustable center pole
- 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.

Comes with

Technical specifications

Reversible vibratory plate DPU6555H

MECHANICAL DETAILS

Length Drawbar in op. pos.	1.664 mm
Width	710 mm
Height	1.308 mm
Operating weight	480,0 kg
Ground clearance	861 - 1.005 mm

MECHANICAL - OUTPUT DETAILS

Centrifugal force	65,000 kN
Transmission	FKR
Vibrations	4.150 1/min
Area capacity	1.200 m ² /h
Forward Running	28,00 m/min
Gradeability	46,6 %
Vibrations (Hz)	69 Hz

ENVIRONMENT DATA

Storage temperature range	-15 - 40 °C
Sound level LpA	97,0 dB(A)
Sound power LWA, measured	108,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	109,0 dB(A)
Operating temperature range	-15 - 40 °C
Sound power LWA (Standard)	EN 500-4
HAV summation (Standard)	EN 500-4
HAV summation (average value)	2,5 m/s ²
Uncertainty in measurement HAV	0,5 m/s ²

ENGINE

Cooling	air cooling
Engine type	Diesel engine

Engine operating mode	four-stroke
Cylinder capacity	667 cm ³
Fuel	Diesel EN 590
Fuel consumption	1,90 L/hr
Inclined position max.	25,0 °
Cylinder	1
Oil specification	SAE 10W-40
Oil filling max.	1,90 l
Power rating max.	10,1 KW
Standard (Effective power)	ISO 3046 IFN
Nominal Engine speed	2.800 1/min
Standard (Power max.)	ISO 3046 IFN
Operating power	6,8 KW
Engine speed (Power max.)	3.600 1/min
Effective power	9,6 KW
Oil filling min.	1,00 l
Upper idling speed ex load	3.080 1/min
Standard (Operating power)	ISO 3046 IFN
Operating Engine speed	3.010 1/min
Exhaust-gas limit	EU Stage V
Starter battery Voltage	0 V
Starter type	Crank-handle starter
Oil volume incl. filter change	0,00 l
Air cleaner	dry air filter
Battery capacity (nom. value)	0 Ah
Engine Manufacturer	Hatz

OPERATING FLUIDS

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