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Reversible vibratory plate DPU5545H

5100009656

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Reversible vibratory plate DPU5545H

Material number 5100009656

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

- Vibratory plate
- Starting crank
- Operator's manual

Technical specifications

Reversible vibratory plate DPU5545H

MECHANICAL DETAILS

Length Drawbar in op. pos.	1.661 mm
Width	604 mm
Height	1.308 mm
Operating weight	416,0 kg
Ground clearance	790 - 914 mm

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
Tank capacity	5,00 l

ENVIRONMENT DATA

Storage temperature range	-15 - 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	-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/s²

MECHANICAL - OUTPUT DETAILS

Centrifugal force	55,000 kN
Transmission	FKR
Vibrations	4.150 1/min
Area capacity	980 m ² /h
Forward Running	27,00 m/min
Gradeability	57,7 %
Vibrations (Hz)	69 Hz

ENGINE

Cooling	air cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder capacity	445 cm ³
Fuel	Diesel EN 590
Fuel consumption	1,60 L/Std
Inclined position max.	30,0 °
Cylinder	1
Oil specification	SAE 10W-40
Oil filling max.	1,10 l
Power rating max.	7,0 kW
Standard (Effective power)	ISO 3046 IFN
Nominal Engine speed	2.850 1/min, 2.850 1/min
Standard (Power max.)	ISO 3046 IFN
Operating power	4,9 kW
Engine speed (Power max.)	3.600 1/min
Effective power	6,4 kW, 6,4 kW

Oil filling min.	0,80 l
Upper idling speed ex load	3.060 1/min
Standard (Operating power)	ISO 3046 IFN
Operating Engine speed	3.000 1/min
Exhaust-gas limit	EU Stage V
Starter battery Voltage	0 V
Starter type	Crank-handle starter
Oil volume incl. filter change	1,20 l
Air cleaner	dry air filter
Battery capacity (nom. value)	0 Ah
Engine Manufacturer	Hatz

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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