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NEUSON**
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DPU4545He

5100016951

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DPU4545He

Material number 5100016951

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

- Sturdy and durable
- Very good accessibility to all maintenance points
- High surface performance

Comes with

- Vibratory plate
- Operator's manual

Technical specifications

DPU4545He

OPERATING FLUIDS	Metric
Tank capacity	5,00 l
Exciter oil volume	0,75 l
Hydraulic fluid type	Renolin MR 520
Hydraulic fluid volume	0,5 l
Exciter oil type	75W-90 API GL-4

ENGINE	Metric
Inclined position max.	30,0 °
Engine operating mode	four-stroke
Operating Engine speed	3.000 1/min
Fuel consumption	1,60 L/Std
Standard (Power max.)	ISO 3046 IFN
Standard (Effective power)	ISO 3046 IFN
Nominal Engine speed	2.850 1/min, 2.850 1/min
Oil filling max.	1,10 l
Effective power	6,4 kW, 6,4 kW
Battery capacity (nom. value)	45 Ah
Air cleaner	Dry air filter
Power rating max.	7,0 kW
Cooling	air cooling
Exhaust-gas limit	EU Stage V
Oil specification	SAE 10W-40
Starter battery Voltage	12 V
Engine speed (Power max.)	3.600 1/min
Starter type	E-starter
Upper idling speed ex load	3.060 1/min
Operating power	4,9 kW

Oil filling min.	0,80 l
Engine type	Diesel engine
Cylinder	1
Engine Manufacturer	Hatz
Standard (Operating power)	ISO 3046 IFN
Cylinder capacity	445 cm ³
Kraftstofftyp	Diesel EN 590
Oil volume incl. filter change	1,20 l

MECHANICAL - OUTPUT DETAILS

Metric

Vibrations	4.140 1/min
Forward running	25,00 m/min
Transmission	FKR
Gradeability	57,7 %
Centrifugal force	45,000 kN
Vibrations (Hz)	69,0 Hz
Area capacity	910 m ² /h

ENVIRONMENT DATA

Metric

Operating temperature range	-15 - 40 °C
Sound level LpA (Standard)	EN 500-4
Sound power LWA, guaranteed	108,0 dB(A)
Storage temperature range	-15 - 40 °C
HAV summation (average value)	2,5 m/s ²
Uncertainty in measurement HAV	0,5 m/s ²
HAV summation (Standard)	EN 500-4
Sound level LpA	94,0 dB(A)
Sound power LWA (Standard)	EN 500-4
Sound power LWA, measured	107,0 dB(A)

MECHANICAL DETAILS

Metric

Lenght Drawbar in op. pos.	1.661 mm
Operating weight	433,0 kg
Ground clearance	790 - 914 mm
Height	1.308 mm
Width	604 mm

Custom Attributes

Metric

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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