

DPU4545Hec

Medium-weight reversible vibratory plates

Fast and reliably perfect compaction

The medium-weight reversible vibratory plates offer high productivity as a result of its high compaction force in combination with fast forward and reverse travel speeds. They are the all-rounders for all construction sites where high demands are placed on the performance efficiency of a unit. In addition, they offer excellent characteristics in terms of long service life and operating comfort. Optimal application areas are the compaction of frost layers and subbases in street, path and parking lot construction as well as backfilling around buildings. Due to the frequency of 69 Hz, the medium-weight reversible vibratory plates are versatile for many jobs including the compaction over medium and heavy interlocking paving stones.

Highlights

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

Technical Data

Mechanical - Output Details

Centrifugal force	45 kN
Vibrations	4,140.0 1/min
Area capacity	910.0 m²/h
Forward Running	25.0 m/min
Gradeability	57.7 %
Vibrations (Hz)	69.0 Hz

Mechanical Details

Length Baseplate	900.0 mm
Width	604.0 mm
Width Baseplate	440.0 mm
Height	1,308.0 mm
Height Cover frame	780.0 mm
Thickness Baseplate	12.0 mm
Operating weight	434.0 kg
Underclearance	790.0 - 914.0 mm

Engine

Effective power	6.4 kW
Nominal Engine speed	2,850.0 1/min

Environment Data

HAV summation (average value)	2.5 m/s²
HAV summation (Standard)	EN 500-4

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Available engines

Hatz 1D42S-191A

Cooling	air cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	1
Cylinder capacity	445 cm^3
Fuel	Diesel EN 590
Fuel consumption	1.60 l/h
Tank capacity	5.00 l
Effective power	6.40 kW
Nominal Engine speed	2,850 PL
Standard (Effective power)	ISO 3046 IFN
Operating power	4.9 kW
Operating Engine speed	3,000 PL
Standard (Operating power)	ISO 3046 IFN
Starter type	E-starter
Engine Manufacturer	Hatz

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