

DPS2050H

Single-direction vibratory plates

Powerful and versatile on all surfaces

The DPS single-direction vibratory plate provides powerful compaction results on soil and asphalt and is ideally suited for use on on top and base layers. It was designed for tough, long-term application on the construction site. The diesel engine, equipped with large power reserves, the wear-resistant base plate from ductile graphite iron (GJS 700), we well as the maintenance-free and durable exciter bearing all contribute to the plate's long life and durability. The easy to reach throttle lever and vibration damped guide handle offer a high degree of operating comfort.

Highlights

- Excellent turning ability and control with simultaneously low HAV
- Wide, ergonomic handle
- Control handle
- Wheel set quickly ready for use
- Paving pad device easy to mount
- Permanently lubricated ball bearings

Technical Data

Mechanical - Output Details

Centrifugal force	20 kN
Area capacity	660.0 m²/h
Forward Running	22.0 m/min
Gradeability	36.4 %
Vibrations (Hz)	98.0 Hz

Mechanical Details

Length Baseplate	599.0 mm
Width	500.0 mm
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Height	943.0 mm
Height Cover frame	663.0 mm
Thickness Baseplate	9.0 mm
Operating weight	115.0 kg
Underclearance	663.0 mm

Engine

Effective power	3.4 kW
Nominal Engine speed	3,400.0 1/min

Environment Data

HAV summation (average value)	3.1 m/s²
HAV summation (Standard)	EN 500-4

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Available engines

Hatz 1B20-7-333A

Cooling	air cooling
Engine type	Diesel engine
Engine operating mode	four-stroke
Cylinder	1
Cylinder capacity	243 cm^3
Fuel	Diesel EN 590
Fuel consumption	0.40 l/h
Tank capacity	3.00 l
Starter type	Recoil starter
Engine Manufacturer	Hatz

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