



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
- Large water tank {{8 Liter}}(2.11 gal) with efficient sprinkler system
- Permanently lubricated ball bearings

Technical Data

■ Mechanical - Output Details

Centrifugal force	20 kN
Vibrations	5.880,0 1/min
Transmission	Centrifugal Clutch - V-belt
Area capacity	660,0 m2/h
Forward running	22,0 m/min
Gradeability	36,4 %
Vibrations (Hz)	98,0 Hz
Standard Support Plate	without Support Plate
PQ Class	1
Hauc Class	1.400,0 - 1.800,0 kg/m2

■ Mechanical Details

Lenght Drawbar in op. pos.	970,0 mm
Length Baseplate	599,0 mm
Width	500,0 mm
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Height	663,0 mm
Height Cover frame	663,0 mm
Height Crane hook	663,0 mm

Thickness Baseplate	9,0 mm
Thickness Baseplate min.	3,0 mm
Operating weight	109,6 kg
Ground clearance	663,0 mm
Contact area	64.127,0 mm2

■ Engine

Effective power	3,4 KW
Nominal Engine speed	3.400,0 1/min

■ Environment Data

Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 44 °C
Operational altitude max.	3.500,0 m NN
Sound level LpA	94,0 dB(A)
Sound power LWA, measured	107,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	3,1 m/s2
HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	0,5 m/s2