



BPS1030A

Single-direction vibratory plates

Excellent handling and maneuverability on soil and asphalt

The BPS series is distinguished by its outstanding handling capabilities. Moving and turning these vibratory plates on fresh asphalt is unsurpassed in comfort and produces clean finishes with no marks. Even clean finishes at curbs are easy to produce due to the angular side edges of the base plate. The guide handle responds precisely to steering movements while still achieving low hand-arm vibrations of less than 5 m/s², which makes long and comfortable working conditions possible.

Highlights

- Base plate optimized for perfect work results
- Excellent turning ability and control with simultaneously low HAV
- Wide range of engines

Technical Data

■ Mechanical - Output Details

Centrifugal force	10 kN
Vibrations	5.880,0 1/min
Transmission	Centrifugal force belt drive
Area capacity	500,0 m ² /h
Forward running	26,0 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/m ²

■ Mechanical Details

Length Drawbar in op. pos.	930,0 mm
Length Baseplate	599,0 mm
Width	320,0 mm
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Height	663,0 mm
Height Cover frame	663,0 mm
Height Crane hook	663,0 mm
Thickness Baseplate	5,0 mm

Thickness Baseplate min.	3,0 mm
Operating weight	53,0 kg
Ground clearance	663,0 mm
Contact area	35.232,0 mm ²

■ Engine

Effective power	2,6 KW
Nominal Engine speed	3.600,0 1/min

■ Environment Data

Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 45 °C
Operational altitude max.	1.500,0 m NN
Sound level LpA	92,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	104,0 dB(A)
Sound power LWA, guaranteed	105,0 dB(A)
Sound power LWA (Standard)	EN 500-4
HAV summation (average value)	4,6 m/s ²
HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	0,5 m/s ²