



WP1550Aw

Single direction vibratory plate

Compaction professional Made in Germany

The vibratory plates of the WP series are the powerful professionals for compacting asphalt and mixed soils as well as for vibrating composite stone pavements. They are easy to turn and rotate thanks to the centrally mounted guide bracket and the specially shaped base plate. Thanks to their robust construction, they are ideal for professional continuous use, for example for compacting gravelly sand beds for pavements, roads and car parks and for producing perfect asphalt surfaces. With the aid of the accessory wheel set, the vibratory plates of the WP series can be moved to the desired location on the construction site easily and without great effort.

Highlights

- Sturdy protective frame for engine and water tank
- Low-maintenance design for low TCO

Technical Data

■ Mechanical - Output Details

Centrifugal force	15 kN
Vibrations	5.880,0 1/min
Transmission	Centrifugal Clutch - V-belt
Area capacity	870,0 m ² /h
Forward running	29,0 m/min
Gradeability	36,4 %
Vibrations (Hz)	98,0 Hz
PQ Class	2
Hauc Class	1.400,0 - 1.800,0 kg/m ²

■ Mechanical Details

Lenght Drawbar in op. pos.	877,0 mm
Length Baseplate	578,0 mm
Width	498,0 mm
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Height	963,0 mm
Height Cover frame	527,0 mm
Height Crane hook	481,0 mm
Thickness Baseplate	7,0 mm
Thickness Baseplate min.	4,0 mm
Operating weight	96,0 kg

Ground clearance	527,0 mm
Contact area	190.033,0 mm ²

■ Engine

Effective power	3,6 KW
Nominal Engine speed	3.600,0 1/min

■ Environment Data

Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 40 °C
Operational altitude max.	1.500,0 m NN
Sound level LpA	94,0 dB(A)
Sound level LpA (Standard)	EN 500-4
Measuring method LpA	DIN EN ISO 11204
Sound power LWA, measured	107,0 dB(A)
Sound power LWA, guaranteed	108,0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
HAV summation (average value)	5,3 m/s ²
HAV summation (Standard)	EN 500-4
Uncertainty in measurement HAV	0,5 m/s ²

■ Operating Fluids

Exciter oil volume	0,15 l
Exciter oil type	75W-90 API GL-4