WPU1550Aw

Reversible vibratory plate

Wacker Neuson's smallest reversible

The WPU1550 reversible vibratory plate is a powerful machine for confined area compaction of asphalt, interlocking paving stones and mixed soils. The heavy-duty design is ideally suited for continuous professional use in gardening and landscaping applications as well as compacting gravel, and sand for road construction, walkways, along foundations and parking lots. Using the integrated wheel set, the WPU1550 can be easily moved onto and around the job site, even on hot asphalt.

Highlights

- Optimally shaped base plate
- Integrated transport roller
- Sturdy protective frame for engine and water tank
- Base plate made of nodular cast iron (GJS700)
- Honda gasoline engine

Technical Data

■ Mechanical - Output Details

Centrifugal force	15 kN
Area capacity	810.0 m2/h
Forward Running	27.0 m/min
Backward Running	20.0 m/min
Gradeability	30.0 %
Vibrations (Hz)	97.0 Hz

■ Mechanical Details

Length Drawbar op. pos.	1,012.0 mm
Length Baseplate	586.0 mm
Width	500.0 mm
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Height	586.0 mm
Operating weight	105.0 kg

■ Engine

Effective power	3.6 KW
Nominal Engine speed	3,600.0 1/min

■ Environment Data

Sound level LpA	93.6 dB(A)
Sound level LpA (Standard)	EN 500-4
Sound power LWA, measured	105.3 dB(A)
Sound power LWA, guaranteed	108.0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
Vibration total value ahv	5.8 m/s2
Vibration value ahv (Standard)	EN 500-4

■ Operating Fluids

Water tank capacity	12.0 l
Exciter oil volume	0.18 l

Available engines

■ GX160UH2X SWX2

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder	1
Cylinder capacity	163 cm3
Inclined position max.	20 cos φ
Fuel	Gasoline
Fuel management	Carburettor
Tank capacity	3.1 l
Oil filling max.	0.6 l
Power rating max.	3.6 KW
Engine speed (Power max.)	3,600 PL
Standard (Power max.)	SAE J1349
Maximum torque	10.3 l/h
Engine speed (max. torque)	2.500 PL
Spark plug(s)	NGK BPR-6 ES
Electrode distance	0.70 mlai
Air cleaner	Dry air filter
Starter type	Recoil starter

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