

BPS2050c

Single-direction vibratory plates

Easy to maneuver and high performance

These Wacker Neuson vibratory plates offer functionality and performance at a real value price. The compact design allows for compaction of mixed soils in the smallest spaces even in extremely narrow trenches. The guide handle with vibration damping results in longer working hours and less fatigue for the operator.

Highlights

- Reliable Loncin engine
- Durable and maintenance free compaction system
- Big water tank
- Ergonomic and comfort designed handle
- Easy lifting and transport

Technical Data

Mechanical - Output Details

Centrifugal force	20 kN
Vibrations	5,460.0 - 5,700.0 1/min
Transmission	Centrifugal Clutch - V-belt
Area capacity	900.0 m²/h
Forward Running	25.0 - 30.0 m/min
Gradeability	30.0 %
Vibrations (Hz)	91.0 - 95.0 Hz

Mechanical Details

Length Baseplate	615.0 mm
Width	500.0 mm
Width Baseplate	500.0 mm
Height	880.0 mm
Thickness Baseplate	11.0 mm
Operating weight	99.0 kg

Engine

Effective power	4.4 kW
Nominal Engine speed	3,600.0 1/min

Environment Data

Storage temperature range	-15 - 40 °C
Operating temperature range	-15 - 45 °C
Sound power LWA, guaranteed	108.0 dB(A)
Sound power LWA (Standard)	EN 500-4, 2000/14/EG
Vibration total value ahv	8.0 m/s²
Vibration value ahv (Standard)	EN 500-4

Operating Fluids

Water tank capacity	10.0 l
Exciter oil volume	0.20 l
Fuel consumption	1.1 l/h

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Loncin G210FA-BQ CN

Cooling	air cooling
Engine type	Gasoline engine
Engine operating mode	four-stroke
Cylinder	1
Cylinder capacity	212 cm³
Inclined position max.	20 °
Fuel	Gasoline
Tank capacity	3.00 l
Oil specification	SAE 10W-30
Oil filling max.	0.60 l
Power rating max.	4.4 kW
Engine speed (Power max.)	3,600 1/min
Standard (Power max.)	SAE J1349
Maximum torque	12.5 Nm
Engine speed (max. torque)	2,500 1/min
Spark plug(s)	F7RTC
Electrode distance	0.70 - 0.80 mm
Air cleaner	Cyclone air filter
Starter type	Recoil starter
Engine Manufacturer	Loncin
Stroke	55 mm
Bore	70 mm

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