



**WACKER  
NEUSON**  
*all it takes!*

## BPS1550c

### 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/s<sup>2</sup>, which makes long and comfortable working conditions possible.

## 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	15 kN
Vibrations	5,460.0 - 5,700.0 1/min
Transmission	Centrifugal Clutch - V-belt
Area capacity	750.0 m <sup>2</sup> /h
Forward Running	20.0 - 25.0 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	14.0 mm
Thickness Baseplate min.	11.0 mm

Operating weight	91.0 kg
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### ■ 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	5.8 m/s <sup>2</sup>
Vibration value ahv (Standard)	EN 500-4

### ■ Operating Fluids

Water tank capacity	10.0 l
Exciter oil volume	0.20 l
Fuel consumption	0.9 L/hr

Available engines

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