

SolidGrinder-P-150-VIR

Welding and Track Maintenance Equipment



The Pandrol SolidGrinder-P-150-VIR has been designed to fully grind the rail head after welding. Like all of Pandrol's grinding machines, it combines power and reliability with ease of use.

The Pandrol SolidGrinder-P-150-VIR is powered by a petrol engine that is effective whether grinding the top or side of the rail. It uses standard grinding stones and works effectively on all common rail types thanks to adjustable flanges. Ergonomically built, the SolidGrinder-P-150-VIR combines speed and efficiency with ease of use.

→ TECHNICAL FEATURES

Components

The SolidGrinder-P-150-VIR is made up of a kickstand, petrol engine, engine protection, height adjustment wheel and angle adjustment lever.

Petrol engine

The Briggs & Stratton petrol engine delivers 4.8 kw of power at 3,600 rpm.

Adjustability for precision

You can set the angle of the SolidGrinder-P-150-VIR to anything from 0 to 90° without any restriction. A tilt lock ensures precision and stability. The height of the grinding stone can also be adjusted using an adjustment wheel.

Safety features

A kickstand with a safety lock enables the operator to rest the machine safely on the track.

Low vibration

The design of the SolidGrinder-P-150-VIR's handle and belt transmission filter most of the vibrations created by the grinding operation. As a result, the vibration at the handle is only 1.97 m/s².

Standard grinding stones

The SolidGrinder-P-150-VIR uses standard grinding stones 150 mm (4 x M8).

→ ADVANTAGES

- The SolidGrinder-P-150-VIR's simple, robust design and reliable engine mean that maintenance costs are very low.
- The petrol engine produces a larger amount of torque and works perfectly for grinding both the top and side of the rail.
- The SolidGrinder-P-150-VIR's safety features, in particular its, tilt lock and kickstand, make the machine very safe to use.
- Adjustability in terms of angle and height of the grinding stone ensures precise, efficient grinding every time.
- The use of standard grinding stones reduces cost.
- The SolidGrinder-P-150-VIR's handle and belt transmission have been designed to reduce vibration levels for the operator, making it easier and less tiring to use than other grinding machines.



→ COMPONENTS

1. Height adjustment wheel
2. Powerful and reliable petrol engine
3. Kickstand
4. Angle adjustment lever
5. Ergonomic handles

→ SPECIFICATIONS

Technical data

Descriptif	SolidGrinder-P-150-VIR
Item number	FGRINP201
Power	4.8 kW (6.5 HP)
Fuel	Petrol
Start	Pull start
Speed rating	3600 rpm
Dimensions (LxWxH)	1000 x 685 x 829 mm
Weight (without accessories)	68 kg
Grinding wheel dimension	M8 – 4 holes D 150 x 72 x 55.2 mm

Accessories

47901011	Grinding stone 4 holes M8 D150 x 72 x 55.2 mm
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Standard compliance

- Machinery directive 2006/42 CE
- European norm EN 13977

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