

Alpha Grinder

Track equipment

Pandrol is the distribution partner of choice for products and rail track tools for: Industry-Railway Suppliers (IRS), USA Davanac, Canada

“ Pandrol has developed the grinder with the operator in mind; built for ease and speed of use, whilst delivering a powerful grinding speed. ”



Pandrol's rail equipment products encompass market leading solutions for welding kits and track mounted machinery. The Alpha Grinder extends the life of the track by grinding the complete profile in one operation, delivering the ergonomic design and precision efficiencies that Pandrol are renowned for.

The Alpha Grinder supports all standards of rail heads/profiles, using standard grinding stones. Ergonomically built, the lightweight unit enables easy raising and lowering of the carrying handles and includes an electric motor for auto-setting the height of the grindstone.

The Alpha Grinder is a robust product that's safe and secure for rolling on track.

→ TECHNICAL FEATURES

Equipped for safety

Operational safety handle ensures for automatic shut down to minimise the potential for damage or injury risk. Operation in inclement weather and at night has been accommodated with the addition of integrated lights to ensure full visibility. The grinder includes an integrated stable parking system, to keep the unit secure whilst parked off track.

Superior ergonomics

Automatic adjustment of grinding height is available at the touch of a button. Easy raising and lowering of the carrying handles. At 97kg, the unit is light weight with smooth operation, enabling remarkable accuracy. The unit includes a parking brake with support pads. A quiet engine providing a more comfortable experience for the operator.

Power

Delivering 3600 rpm from the dependable Honda 4-stroke engine and avoiding fuel mixing. The grind speed is 5.1kW or 4000rpm, offering impressive time and therefore cost savings.

Environmental gains

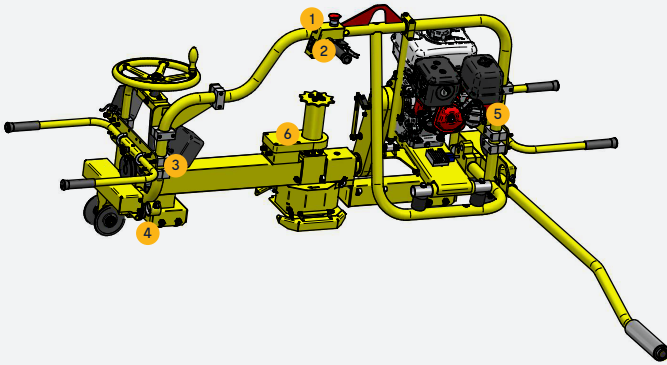
The fuel efficient 4-stroke engine gives excellent fuel-economy.

Precision grinding

The unit can handle all three sides of the railhead and with automatic adjustment of the grinding height, speed and accuracy are synonymous.

→ ADVANTAGES

- Faster correction of track abnormalities due to advanced ergonomic features and grinding speed, leading to cost savings
- Superior longevity of track through enhanced precision in carrying out repairs, increasing efficiency
- Fuel-efficient 4-stroke engine means environmental gains
- Robust safety features contribute to an overall reduction in manpower costs.



→ COMPONENTS

1. Emergency stop
2. Automatic brake system
3. Integrated lights
4. Stable parking system
5. 4-stroke engine
6. Electrical height adjustment

→ SPECIFICATIONS

Technical specifications

Weight	97 kg (empty) 105 kg
Length	1686 mm
Width	670 mm
Height	920 mm
Engine	Honda GX 270
Power	7.1 kW @ 3600 rpm
Grindstone Rotation Speed	4000 rpm
Item Number	6000 000
Accessories Grinding Stone	Ø 150 mm x 72 mm

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