

Profile Grinder (06000B)

Rail Welding Equipment



Pandrol's Profile Grinder (06000B) is a lightweight, precision grinding machine.

Designed specifically for finish grinding of field welds, the Profile Grinder grinds the top and sides of the rail to the original profile. Recent improvements to the design allow for better clearance over field welds, risers and alignments.

Lightweight and compact, Pandrol's Profile Grinder is widely used across rail sectors globally.

→ TECHNICAL FEATURES

Powerful grinding

The Profile Grinder's powerful hydraulic motor delivers over 13 HP for aggressive grinding.

Lightweight, robust frame

The grinder is robust yet lightweight. It can be rolled over easily for complete grinding of the rail.

Simple design

The Profile Grinder has a single-piece, rigid frame and few moving parts, reducing maintenance required.

Advanced spark guard

Advanced spark guarding allows for containment of grindings.

Compact storage

Pandrol's Profile Grinder can be stored compact, for ease of transportation.

→ ADVANTAGES /

- The Profile Grinder's powerful motor enables quick, efficient grinding, saving track time.
- With a rigid, single-piece frame and few moving parts, the grinder requires little maintenance.
- Small, lightweight and compact, the Profile Grinder is easy to transport and manoeuvre on site.
- Advanced spark guarding enhances operator safety.
- Improvements to the Profile Grinder's design have resulted in better clearance over field welds, risers and alignment equipment during the grinding process.



→ COMPONENTS /

1. Height adjustment wheel
2. Protective guards
3. Ergonomic handle engineered for upright use on top and side of ball for full profile grinding
4. Safe on/off control access while working
5. Bearing rollers for smooth secure grinding process

→ SPECIFICATIONS /

Technical data	
Description	Profile Grinder
Item number	06000B
Flow	10 gpm (38 lpm)
Pressure	2000 psi (140 bar)
RPM	4000
Dimensions	34 1/2" x 19 1/2" x 32" 87,6 x 49,5 x 81,3 cm
Weight	65 lb (29 kg)

Accessories	
02199	6" x 3" x (5/8" Hub) Grinding Stone
06009	Spark Shield

