

Precision-Grinder E-115-GDR

Welding & Maintenance Equipment



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The Pandrol Precision-Grinder E-115-GDR is designed to grind aluminothermic welds made on guide rails with precision and ease. The ergonomic machine is self-supported on the rail thanks to its six insulated rollers. Its flexible design allows the user to adjust the grinder in any direction with ease.

Driven by a reliable 2.6kw electrical motor mounted on a two-axis adjustment system, the machine offers powerful precision grinding.

→ TECHNICAL FEATURES

Electrical protection

The Precision-Grinder E-115-GDR is equipped with a voltmeter circuit breaker, preventing the grinder from restarting automatically in the event of a power outage during operations.

Powerful motor

The machine is equipped with a powerful 2.6kw electric motor that is known for its reliability and is ideal for rough grinding operations in track environments.

Adjustable, insulated guiding rollers

The Precision-Grinder E-115-GDR's guiding rollers are adjustable and insulated, allowing it to operate on most common guide rails, including HEB60-160 and BG44.

Precise axis adjustment

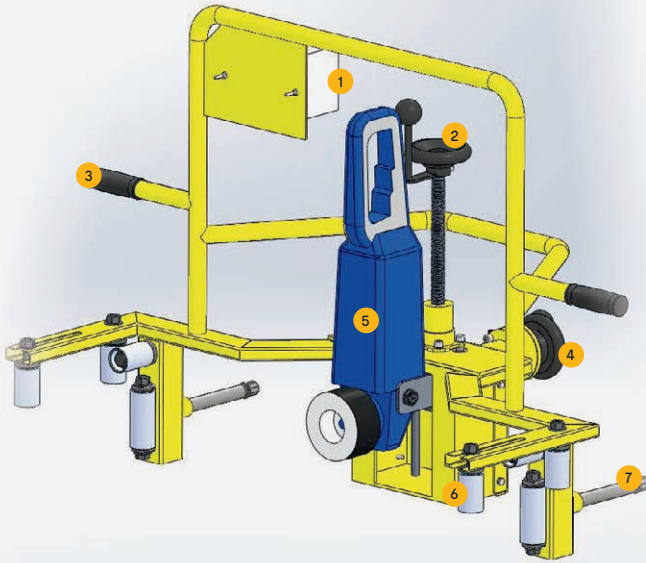
The grinder is equipped with two adjustment systems: one that allows the machine to move up and down, and another, more precise, that allows it to move back and forth. This enables close control of the depth of the grinding, preventing any damage to the rail during use.

Ergonomic design

The Precision-Grinder E-115-GDR's light, ergonomic design makes it efficient and safe to use.

→ ADVANTAGES

- The Precision-Grinder E-115-GDR's ergonomic design enables the user to grind aluminothermic welds with minimal effort and to focus on the quality of the grinding.
- Because the grinding is fully guided and assisted by rollers, the rail's profile is always followed.
- The electric motor is extremely reliable, significantly reducing maintenance costs.
- A standard grinding wheel can be mounted on the grinder, reducing the cost of consumables.
- The electrical protection provided by the circuit breaker ensures the user's safety during operation.
- Precision adjustment of the grinder gives the operator close control of the grinding depth, reducing the risk of damage to the rail.



→ COMPONENTS

1. Electrical protection
2. Height adjustment wheel
3. Ergonomic handle
4. Lateral adjustment wheel
5. Electrical grinder
6. Insulated support rollers
7. Adjustable rollers

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→ SPECIFICATIONS

Technical data	
Description	Precision Grinder E-115-GDR
Item number	14333001
Rail profiles compatible	HEB 60 to 160
Power	2600 W / 50 Hz / 230 V (110 V on option)
Distance between guiding rollers	800mm
Grinding wheel diameter	115mm (5/8" thread)
Dimensions (L x W x H)	950mm x 600mm x 720mm
Weight	35.5kg

Accessories

47901006	Grinding stone diameter 115mm, nut 15.85mm
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Standard compliance

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

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