



For true-to-form grinding of the rail head after welding work to restore a perfect profile

ITS BENEFITS. YOUR BENEFITS.

- 100% copy of the rail profile due to special copying device.
- Simple operation in ergonomic work position
- More safety
 - during non-operation due to dead man's brake (optional)
 - during grinding due to depth stop (optional)
 - due to good visibility from both operating sides, also at night due to LED lighting (optional)
- Ergonomic operation
 - whilst standing upright
 - due to ideal positioning of the cup wheel with the rocker switch
 - and the hand wheel in optimum grinding position
 - Can be operated with left or right hand with optimum view of the grinding area

Applications

- For thermite and flash-butt welding
- Can be used with 125 mm, 150 mm and optionally 175 mm cup wheels, even for high rail profiles



TECHNICAL SPECIFICATIONS	ROGRIND P4 Head 1.0	ROGRIND E Head 1.0
Drive	4-stroke petrol engine	Electric motor
Type	Honda GX 270	3-phase motor
Output	6.3 kW at 3600 rpm	4 kW at 2850 rpm
Cup wheel	dia. 125 mm, also dia. 150 mm	dia 150 mm, also dia. 125 mm
Max. permissible circumferential speed	50 m/s	
Grinding disc speed	4200 rpm	4500 rpm
Grinding base/roller spacing	1000 mm	
Weight	~99.5 kg	~99.5 kg
Weight, outrigger	~28 kg	~25 kg
Length without/with folding handles	1450/1840 mm	1550/1975 mm
Width without/with folding handles	550/580 mm	325/490 mm
Height	870 mm	880 mm
Copy roller spacing	1000 mm	
Pivoting angle, copying carriage	92°	

ACCESSORIES

Cup wheels

- 9002000687 dia. 125 mm, central nut holder M20, max. circumferential speed 50 m/s, 125 x 65, grit size A12
- 9002000688 dia. 125 mm screw attachment 4xM8, max. circumferential speed 50 m/s, 125 x 65, pitch circle dia. 90, grit size A12
- 9002000690 dia. 150 mm, central nut holder M20, max. circumferential speed 50 m/s, 150 x 65, grit size A14
- 9002000689 dia. 150 mm screw attachment 4xM8, max. circumferential speed 50 m/s, 150 x 65, pitch circle dia. 115, grit size A14
- 9878081000 dia. 90 mm conical for frog noses and switches, central nut holder M20 (also suitable for the running surface of grooved rails), circumferential speed max. 50 m/s, 90 x 65, grit size A14
- 9002000330 dia. 90 mm, cylindrical for built-up welds, central nut holder M20, max. circumferential speed 50m/s, 90 x 65, grit size A14
- 8489910003 Grooved rail kit
- 8931002007 Centring nut, hardware for steel wire brush
- 9000200182 Steel wire brush (plaited), e.g. for derusting rails



Cup wheels



Centring nut and steel wire brush