ROGRIND 13.45MD E³ Welding Joint Grinding Machine



For grinding welding joints and for reprofiling the complete rail head.
Can also be used in switches and for grinding grooved rails and crane rails.

THE ADVANTAGES. YOUR BENEFITS.

Simple and practical.
- Choice between battery power or power pack
- Interchangeable guiding system for various applications
- Easy changing of cup wheel thanks to Quick Lock
- Non-projecting carrying handles allow for easy transport and easy storage
- LED lighting
- Ideal for use in tunnels and urban areas

Light-weight machine. Powerful grinding.
- The most powerful electric motor in its weight class for fast grinding
- No set-up time
- Rotational resistance can be adjusted at spindle hand wheel as required, without the use of any tools
- Grinding throughput: at least 60 minutes of continuous grinding (depending on rail profile, trimmer, grinding wheel etc.)

SPECIFICATION

Drive	BLDC electric motor
Output	6.6 kW
Weights	
Machine	from 40 kg
Battery 2300 Wh	17.5 kg
Power supply	18 kg
Copy roller spacing	850 mm
Dimensions (L x W x H)	1036 x 500 x 900 mm

INDIVIDUAL CONFIGURATION OPTIONS

1. Guiding systems

5150221001	Rail guiding system
5150200056	Universal guiding system
5150850004	Grooved rail guiding system
5150850003	Crane rail machining set (up to rail head width 120 mm)
5150850002	Guiding system for small flat bottom rails

2. Guiding handle
Guiding handle left
Guiding handle right

3. Carrying handles
Inside carrying handle
Outside carrying handle
Bow-type handle

4. Hand wheel
Hand wheel Ø 100 mm
Hand wheel Ø 160 mm

5. Grinding spindle
Standard grinding spindle
Raised grinding spindle

6. Foldable spark protection

ACCESSORIES

Multi-Drive-Technologie

7839900001	Battery 2300 Wh
7879900201	Charger for battery 2300 Wh
5039900003	Power supply 400 Volt
9000208017	Battery box for battery 2300 Wh

Accessories grinding machine

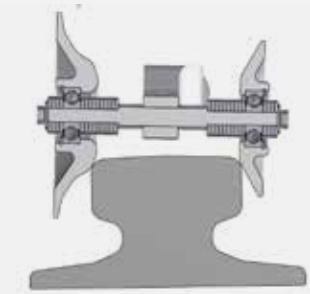
5158930001	Multiroller carrier (2 required)
5158931002	Extension arm for frog noses
5158930014	Crane lifting eye

Cup wheels

9878081000	Ø 90 mm conical for frog noses and switches, central nut holder M20 (also suitable for the running surface of grooved rails)
9002000330	Ø 90 mm cylindrical for built-up welds, central nut holder M20
9002000687	Ø 125 mm central nut holder M20
9002000688	Ø 125 mm screw fastening 4xM8, pitch circle Ø 90 mm

Other cup wheels on request.

9000200182	Steel wire brush e.g. for removing rust from rails (not to be used without centring nut)
8931002007	Centring nut, fixings for steel wire brush



5150850003



7839900001



5039900003

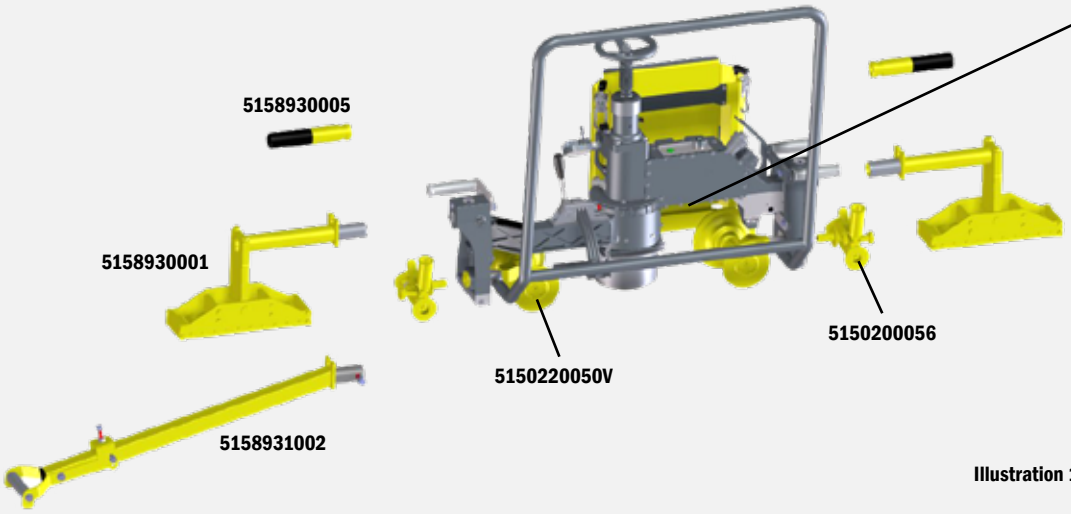


Illustration 13.45MD – Right-hand design

Do you require a different design?
Please get in touch with your ROBEL contact.