

# ONE MACHINE. TWO MODULES.

Simply ergonomic high-frequency grinding.



## ITS BENEFITS. YOUR BENEFITS.

### For a better surface pattern of the rail

- Less working time thanks to consistently high grinding performance
- High grinding quality and unobstructed view of the grinding area due to compact and low vibration e-motor
- Finishing achieved with a fine-grinding method patented by ROBEL

### Intelligent use of energy

- Energy conversion without a loss from e-motor onto grinding shaft/grinding wheel
- ROBEL Supercap in the Power pack: Excessive energy is collected and stored via the generator directly in compact electrolytic capacitors (Supercaps) and released during peak loads

### Smart positioning, smooth grinding

- The grinding unit and the Power pack are two separate units. Transport is therefore easy and ergonomic.
- Effortless operation thanks to split up machine, weight of less than 60 kg each unit
- Comfortable handling of the machine due to O-handles with telescopic function and individual settings

### More work safety, more efficiency

- Low hand/arm vibrations
- Optimum view onto the display in an ergonomic angle
- Integrated air guide carries dust and sparks down and outward
- Operator is exposed to significantly less exhaust gas, heat and noise

➔ [More info on ROBEL.com](http://www.robel.com)



## TECHNICAL SPECIFICATIONS

## ROGRIND HF Head

Drive	Electric motor
Type	Brushless DC motor
Continuous output	3 kW
Peak output	7 kW
Circumferential speed	~50 m/s
Cup wheel	150 mm
Grinding disc speed	~5000 rpm
Power Supply	230 V
Grinding base/roller spacing	1000 mm
Depth adjustment of grinding spindle	electrical
Dimensions (L x W x H)	1950 x 460 x 850 mm
Without telescopic handles (L x B x H)	1750 x 410 x 850 mm
Weight	~56.5 kg
Weight, outrigger	~8.5 kg
Weight, connection cable	~5.0 kg



More information: [Energy/Lighting](#)