

**ROGRIND****13.49 E<sup>3</sup>****Hybrid Rail Head Profile Grinding Machine**

# ONE MACHINE. TWO MODULES.

## Simple ergonomic grinding.



ROGRIND 13.49 E<sup>3</sup> - 8499900003  
ROPOWER 70.02 - 5029900002  
Outrigger - 8490800002

### THE ADVANTAGES. YOUR BENEFITS.

#### Precisely ground face in a short time

- Faster working due to constantly high grinding power
- High grinding quality and clear view of the grinding area due to compact, low-vibration electric motor
- Patented ROBEL finish-grinding procedure for localised away from the operator reworking

#### Intelligent use of energy

- Loss-free energy conversion from electric motor straight to grinding spindle
- ROBEL supercap in power pack: Excess energy stored during idling of grindstone – released during load peaks
- Other drive versions (battery, power supply) available

#### Smart positioning, smooth grinding

- Easily transport grinding unit and power pack separately
- Effortless operation due to split machine weight of less than 60 kg each
- Comfortable handling of machine due to ergonomic telescopic handles which are individually adjustable

#### Greater work safety, higher efficiency

- Low hand-arm vibration
- Optimum view of the display at an ergonomic angle of the compact, low-vibration electric motor
- Integrated dust and spark protection due to air exhausted
- Work at a safe distance from exhaust gases, heat and engine noise

## SPECIFICATION

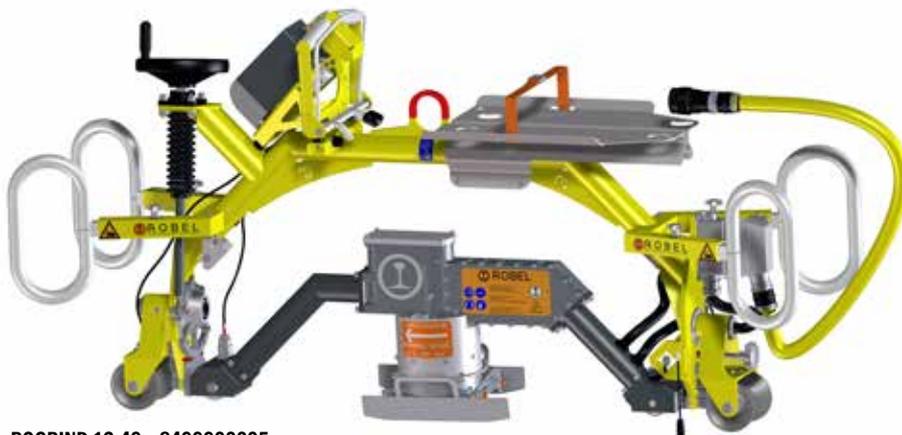
Drive	BLDC electric motor
Continuous rating	6.6 kW (ROPOWER 70.03 + ROBATTERY 71.02) 3.0 kW (ROPOWER 70.02)
Maximum power	7.0 kW (ROPOWER 70.02)
Circumferential speed	50 m/s
Cup wheel diameter	150 mm
Speed	5000 rpm
Roller spacing	1000 mm
Depth feed of grinding spindle	electric
Dimensions (L x W x H)	1950 x 460 x 850 mm
Without telescopic handles (L x W x H)	1750 x 410 x 850 mm
Weight machine	from 56.5 kg
Weight outrigger	from 8.5 kg

## ACCESSORIES

- 5029900002 Hybrid drive unit with Honda GX 200 four-stroke engine
- 5026930001 Discharging box for discharging the supercaps for maintenance work
- 5039900003 Power supply 400 Volt (incl. shoulder strap)
- 7839900001 Battery 2300 Wh
- 7879900001 Charger 2300 Wh
- 5016060200 Extension cable (for battery 2300 Wh)
- 8490800002 Outrigger, gauge 1435 mm

Other gauges on request.

- 9002000690 Cup wheel 150 mm, M20 central nut holder



**ROGRIND 13.49 - 8499900005**  
Outrigger - 8490800002



**Battery 2300 Wh - 7839900001**



**400 Volt power supply - 5039900003**



**ROPOWER 70.02 - 5029900002**