ROGRIND 13.49 E³ Hybrid Rail Head Profile Grinding Machine



One machine. Three modules.
Precisely ground face in a short time with intelligent use of energy.

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 power transmission 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

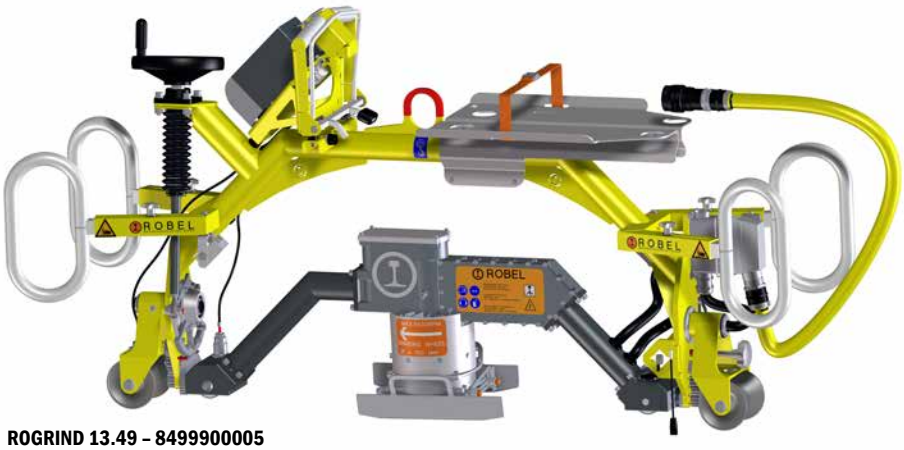
ACCESSORIES

5029900002 Hybrid drive unit with Honda GX200 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
7879900201 Charger 2300 Wh
5016060200 Extension cable (for battery 2300 Wh)
9000208017 Battery box for battery 2300 Wh
8490800002 Outrigger, gauge 1435 mm

Other gauges on request.

9002000690 Ø 150 mm central nut holder M20

Other cup wheels on request.



ROGRIND 13.49 – 8499900005
Outrigger – 8490800002



Battery 2300 Wh – 7839900001



400 Volt power supply – 5039900003



ROPOWER 70.02 – 5029900002