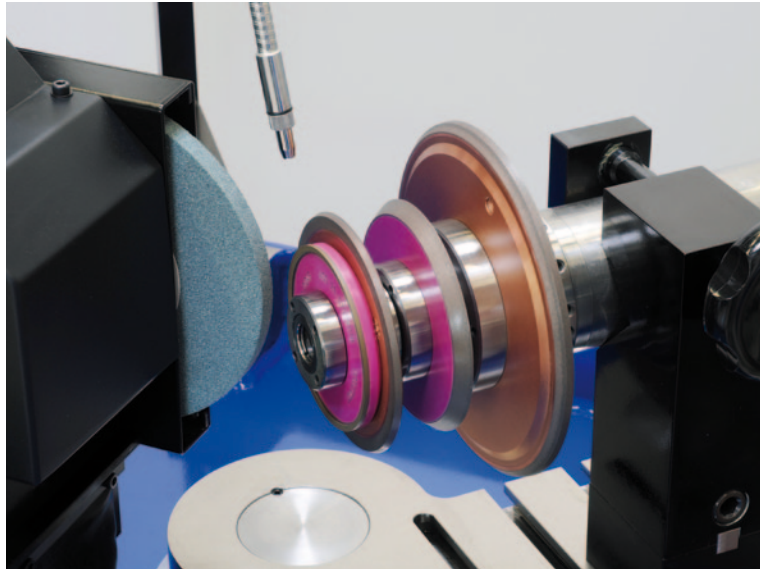


FRP250 - Wheel dresser

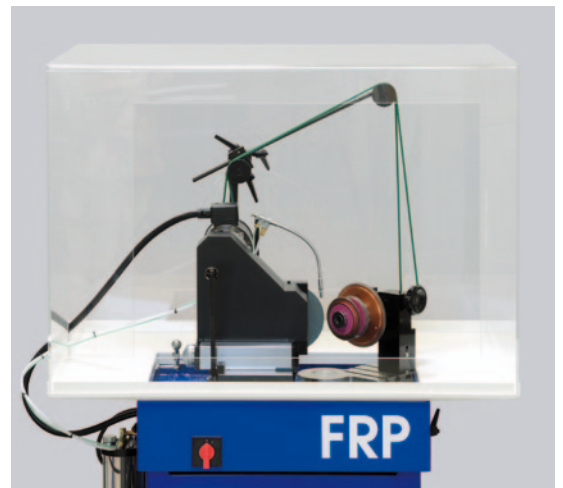


ROLLOMATIC'S GRINDING WHEEL DRESSER - FRP250

The FRP250 is a perfect fit for tool manufacturers and machine shops with superabrasive grinding operations. Designed as a compact, manual wheel truing/dressing machine, the FRP250 will maximize your efficiency and cost-effectiveness, while providing precision and accuracy. The FRP250 provides consistent wheel quality and TIR which translates into better grinding efficiency, less heat and material damage, higher metal removal rates, better finish, less deflection and therefore higher accuracy in grinding.

The best possible results in terms of wheel concentricity and the resulting benefits during grinding are achieved by leaving the wheels or wheel packs on their arbor and removing the arbor from the machine's spindle. The FRP250 has a simple V-type holder which can accept a dressing spindle from various manufacturers in order to accomplish this.

The FRP250 uses a silicon-carbide or aluminum-oxide dressing wheel with a diameter of 150 mm (6"), and is designed for linear truing and dressing of super abrasive grinding wheels (diamond and CBN) up to 250 mm (10") diameter. A mist-spray unit operated by a foot pedal assists in keeping the dressing wheel clean and free-cutting. The FRP250 is operator-friendly, easy to set-up and allows truing and dressing of linear profiles and angles on the sides and the periphery of an entire wheel pack or a single wheel.



FRP250 - Wheel dresser



SPECIFICATIONS

APPLICATION

Profiling for diamond and borazon grinding wheels with a maximum diameter of 250 mm (10")

- Spindle Ø Ø 70 mm / Ø 80 mm / Ø 100 mm (2.75" / 3.1" / 3.9") (Optional)
- Grinding wheels Ø 20 – 250 mm (.8" – 10")
- Setting of the wheels 0 – 180°
- Carborundum grinding wheel Ø 150 mm (5.9"), width 10 mm (.4"), bore 20 mm (.8")
- Slides strokes 45 mm (1.8")
- Motor power 0.37 kW
- Motor RPM 2700 r.p.m.
- Dimensions 800 x 350 x 1700 mm (31.5" x 13.8" x 67")
- Weight 200 kg net, 230 kg in crate for transportation
- Power supply 3 x 400 V/50/60Hz

* Specifications are subject to change without notice

OPTIONS

Machine variants

Input voltage 220V/50/60Hz

Macroton protection enclosure

Bracket for spindle Ø 70 mm (2.75") with fixture accessories

Bracket for spindle Ø 80 mm (3.1") with fixture accessories

Bracket for spindle Ø 100 mm (3.9") with fixture accessories

Color option green for FRP