



PRG

PISTON RING GROOVE GRINDING MACHINE

Essential machine for cost-effective operation
of piston chroming plant

- Operating range: piston diameters
250 - 1000 mm
- Stepless regulation of piston rotation speed
- Two grinding heads for the ring grooves,
third head for chamfering and external deposits
- Powerful grinding motors for fast and accurate
grinding
- Automatic groove measuring device and efficient
coolant band filter
- Rugged high-profile box shaped frame secures
superior grinding column stability
- Digital display of vertical and horizontal
positioning of grinding heads
- Proven in chroming plants worldwide



PRG

PISTON RING GROOVE GRINDING MACHINE

• PISTON DIAMETERS	Ø250 - Ø1000 mm
• PISTON GROOVE WIDTHS	> 5 mm
• VOLTAGE	3-PHASE 400 V 50 Hz
• POWER REQUIREMENT	10 kW
• COMPRESSED AIR SUPPLY	0.6 - 0.9 MPa (6 - 9 bar OR 85 - 130 psi)
• SIZE	H: 2700 mm, L: 2300 mm W: 2200 mm
• WEIGHT	~ 4500 kgs

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Machine control

Hand held control box for operations of all machine functions.



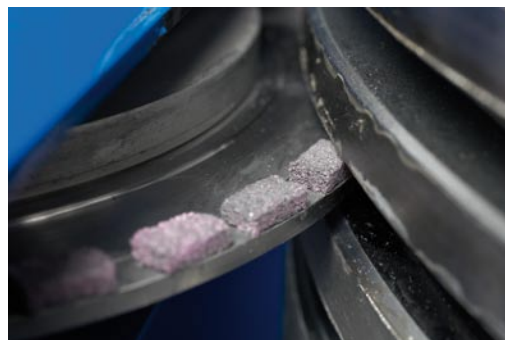
Groove width measuring

System for continuous measurement of groove width during grinding.



Chamfering

Grinding head for chamfering of groove edges.



Grinding wheel

Segmented grinding wheel for improved lifetime and high efficiency.