PG-9DOD

OD FORM GRINDER

The Glebar PG-9DOD is a compact OD grinding machine designed to handle small components requiring a tight concentricity such as rollers, pins, bushings, and other engine components. Designed to grind high-performance engine components, it can be simply adapted to process equally challenging parts where the concentricity specification is critical. Parts can be staged on a precision arbor fixture ready to be loaded into the machine. Applications include bearings, rollers, pins, bushings, and other engine components.

KEY FEATURES

- Granite machine bed coupled with a high precision twin grip spindle holds extremely tight concentricity specs.
- The servo driven arbor attachment provides part control during the plunge grinding operation.
- Fully customizable and capable of processing high-volume components using a precision arbor as a fixture.
- Outperforms conventional OD grinders by using the full face of the wheel to grind the part.
- The wheel shape can be controlled finitely using a template tracing work wheel dresser.
- Remote connectivity simplifies troubleshooting and maintenance.
- Adaptable to full automation for a complete turnkey solution.

SPECIFICATIONS

Roundness: 0.000020”

Work Wheel Length: 10.125” (257mm)

Work Wheel Power: 7.5HP (5.6kW) - 15HP (11kW)

Work Wheel RPM: 2,400

Electrical requirements: 480VAC, 3PH, 60Hz, 40A

Air requirements: 80-90PSI, 3CFM

Machine Footprint: 66” x 54” x 94” (168 x 137 x 239cm)

Resolution: 0.1µm (0.000004”)

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