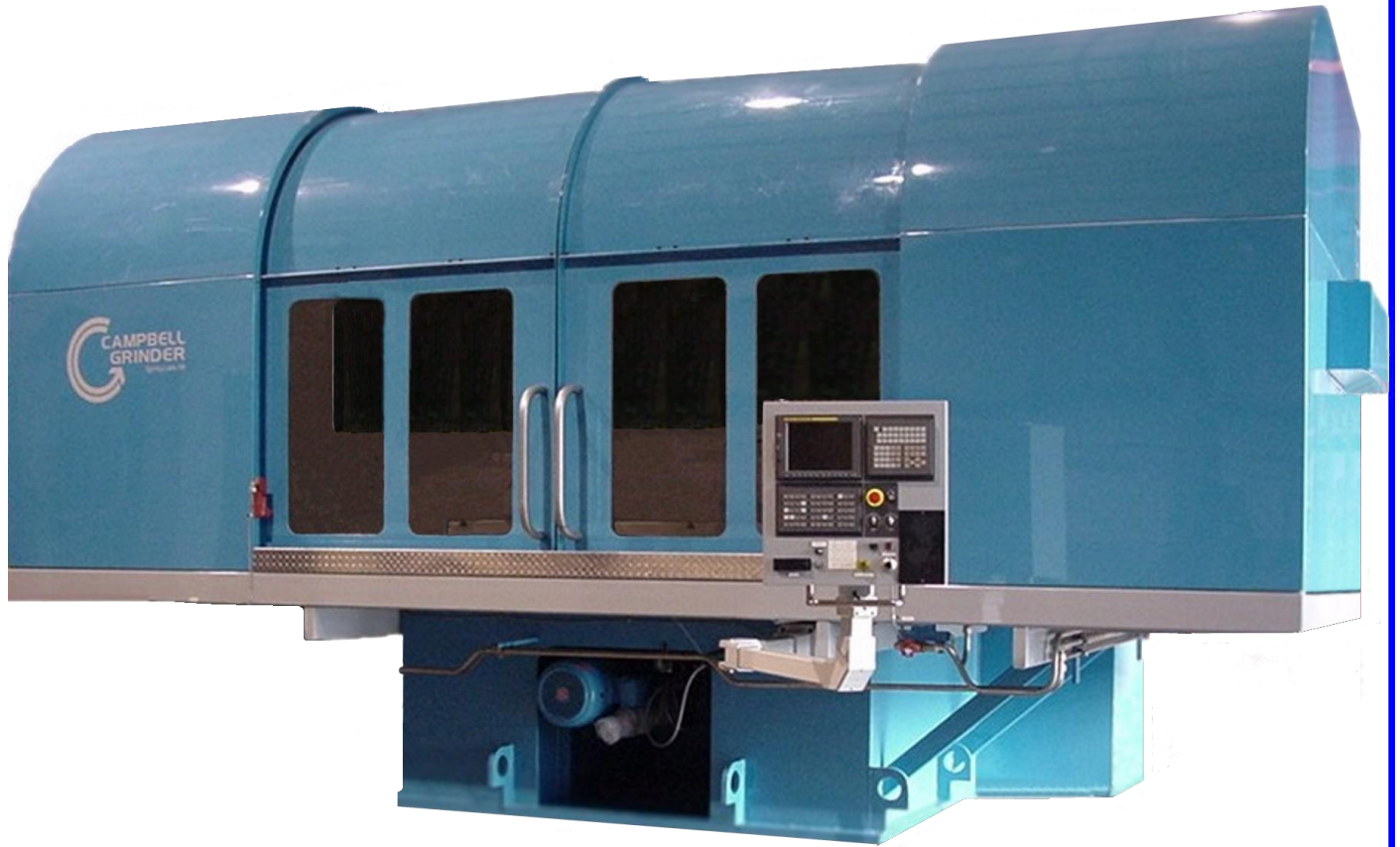


Campbell Grinder Company



MODEL 3000

The 3000 Model is a bridge style grinding machine. It can be configured with up to (9) axis and table sized for large low profile parts. It can include dual motorized grinding spindles mounted on combination vertical and horizontal slide assemblies. This machine's excellent accuracy makes it an industry leader with the bearing, optics, and other industries. These machines are customized around each customers requirements, insuring maximum benefits.

Standard Features For 3000 Model

- Fanuc CNC Control
- Precision Roller Ways – All Axes
- Ability To Use Any Abrasive
- Grinding Spindle
- Single Point Dresser
- Linear Glass Scales – All Axes
- Full Machine Enclosure With World Class Ergonomics
- Table Top and all Axes increments are custom designed to fit your parts requirements

Accuracy

Z Axis: Accuracy 5 Microns (0.0002 inch)

X Axis: Accuracy 5 Microns (0.0002 inch)

C Axis (Table Spindle): Run out 2.5 Microns (0.0001 inch) both radial and axial, measured 305mm (12 inches) above the table top CL

(Optional) Y Axis: Accuracy 5 Microns (0.0002 inch)

(Optional) B Axis Spindle Swivel: Run out 5 Microns (0.0002 inch) radial and axial, measured 305mm (12 inches) above the table top CL, Accuracy 20 arc seconds

Optional Features For 3000 Model

- Disk Dresser
- Roll Form Dresser
- Spindle Mounted Dresser
- CNC Radius Dresser For Bearing Grinding
- Magnetic Chuck
- Wheel Balance System
- Hard Wired Part Probe
- Wireless Part Probe
- Tool Probe
- Laser Part Measuring
- Steady Rest
- Spindle Indexer
- B Axis (Spindle Swivel)
- Turning
- Standard Gap Eliminator
- Acoustic Gap Eliminator
- Power Chuck
- Tool and Nozzle Changer
- Wheel Load Assist
- Part Load Assist
- Mist Collector
- Chiller
- Automatic Shoes
- Live Center
- Hydrostatic Table Bearing
- Thru the Table Hydraulics / Pneumatics for Fixturing
- ID Shoe Gripper For Bearing Grinding
- Multiple Grinding spindles on the same head
- Spindle(s) - Numerous HP & RPM Available
- Deburring Spindle
- Fire Suppression System - Oil Coolant
- Many Other Options Available

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