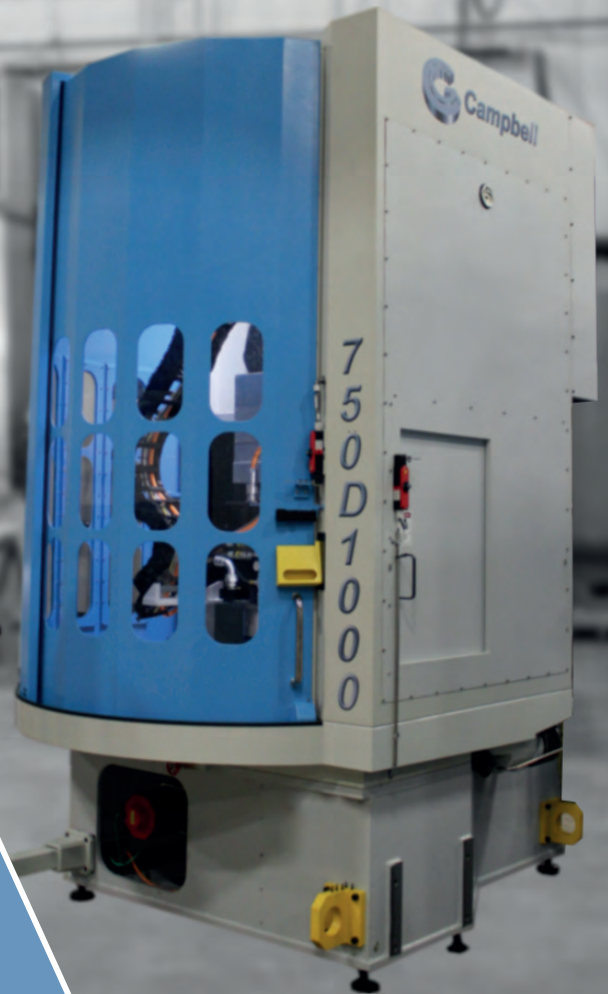


750 SERIES

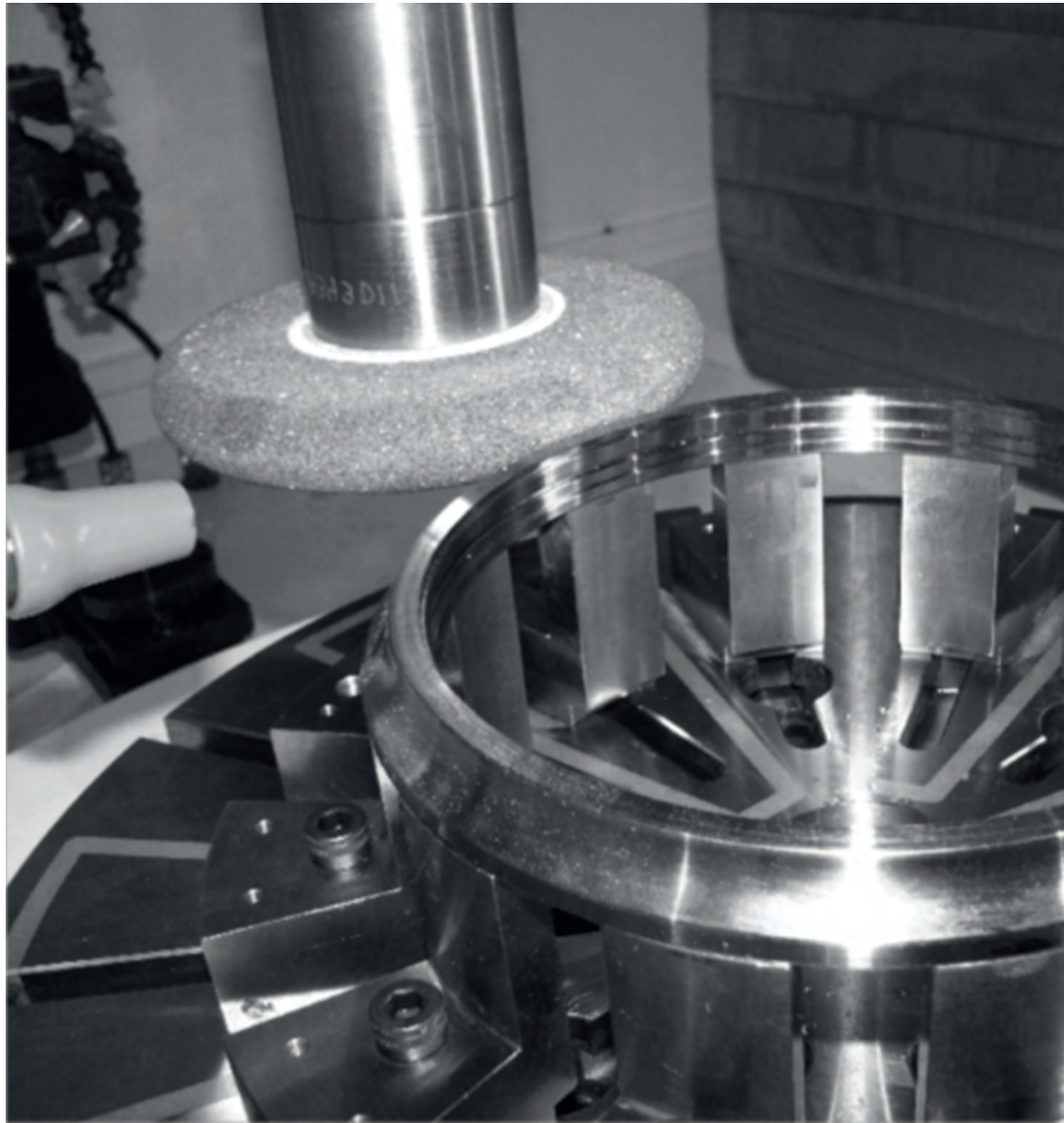
VERTICAL GRINDING MACHINES

We build Model 750 vertical grinding machines specifically to grind cylindrical parts. This proven design has been successful in the bearing, aerospace and power generation industries. The 750 ID/OD Cylindrical grinder is a highly rigid platform configured to machine a part with its axis vertical, which eliminates the need for a steadyrest or tailstock, enhancing accuracy and repeatability. The machine is available with up to five axes of motion and various options. An optional tool changer reduces the need to re-clamp the part for multiple operations thus reducing machining time.





SPECIFICATIONS



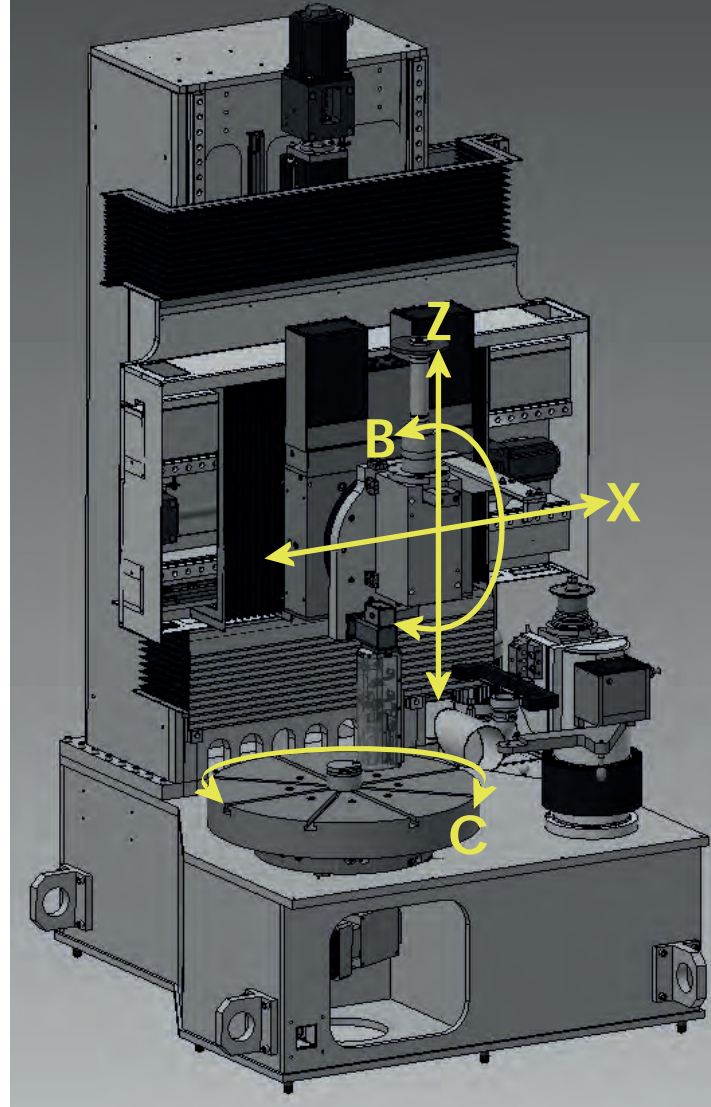
Version	750 D500	750 D1000
Dimensions	1.7 M x 2.79 M	2.00 M x 3.09 M
Table Diameter	500 mm	900 mm
Swing Diameter	600 mm	1100 mm
Part Height	550 mm	550 mm
Axis	X, Z	X, Z
Spindle	1500 - 7200 RPM	1500 - 7200 RPM
Table Drive	300 RPM	150 RPM

Z Axis: Accuracy: 5 Microns (0.0002")

X Axis Accuracy: 5 Microns (0.0002")



FEATURES



STANDARD

FANUC CNC Control Panel
 Precision Roller Ways - All Axes
 Ability To Use Any Abrasive

OD/ID Grinding Spindle
 Single Point Dresser
 High Precision Table Bearing

Linear Glass Scales - All Axes
 Full Machine Enclosure

OPTIONS

Disk dresser
 Roll form dresser
 CNC radius dresser for bearing grinding
 CDCF dresser
 Magnetic chuck
 Hydrostatic table bearing
 ID shoe for bearing grinding
 Wireless part probe
 Tool probe
 Laser part measuring

Turning
 Steady rest/Live Center
 Automatic shoes
 C-axis contouring rotary work table
 Spindle indexer
 B-axis (spindle swivel)
 Chiller with spindle loop
 Standard gap eliminator
 Acoustic gap eliminator
 Air knife

Multiple grinding spindles on the same head
 Tool and nozzle changer
 Wheel load assist
 Deburring spindle
 Numerous spindle power & RPM combinations
 Mist collector
 Dust collector
 Fire suppression system for oil coolant

Product Catalog

Campbell Grinder Company



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