

1632 GOLD OD/ID CNC Grinder

Superior Technical Ceramics again chooses Weldon to enhance their CNC grinding capability. In this application STC needed additional swing and grind capacity and a more automatic cycle. Weldon responded with a precision riser package allowing them to grind parts up to 24" in diameter. In addition, a Renishaw swing-out probe was supplied for omni-directional probing cycles.



The machine features a **programmable heavy-duty live spindle work-head**, swing-down ID housing with **30,000 RPM spindle**, and an embedded **Renishaw probe** for automatic lateral positioning.

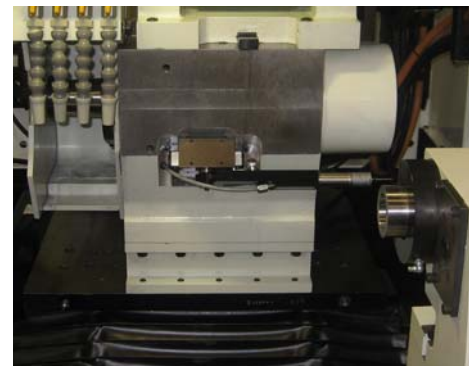
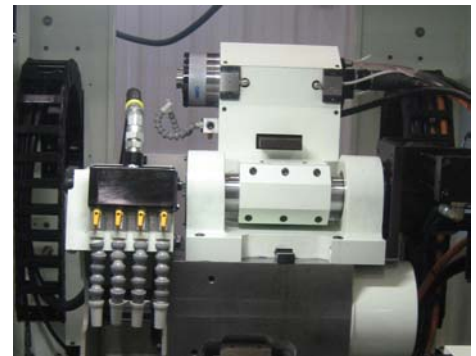
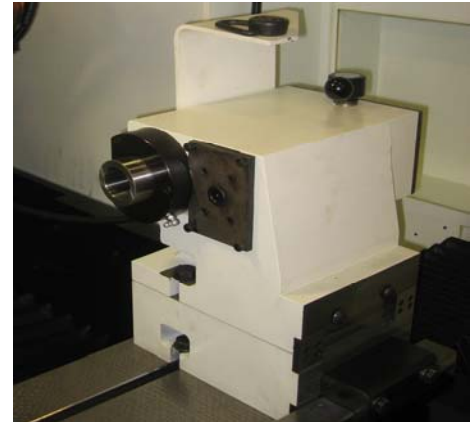
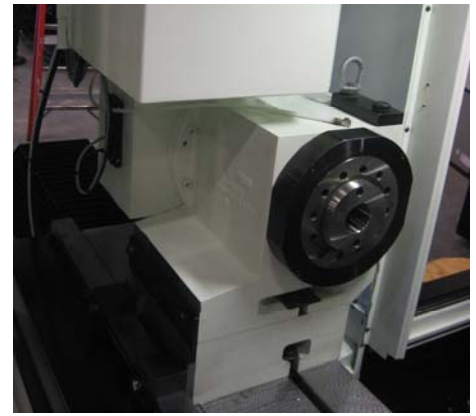
In this application, the 1632 GOLD will perform in a ceramic job-shop environment grinding a very wide variety of parts on an as-needed basis. This will include OD, ID, profiling, and non-round components. The non-round is possible thru the use of a programmable C-axis featuring a precision rotary glass scale that is coordinated with a precision linear scale applied to the X-axis slide, allowing for convex radial shape grinding automatically.

Weldon Solutions offers a full line of CNC OD, ID, and combination grinders. As a Fanuc Robotics integrator Weldon can also address your machine tending, material removal, material handling, and packaging/palletizing needs



QUALITY, Over and over again

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Contact Weldon today to find out how the 1632 GOLD can enhance your manufacturing operation, and increase efficiency and profitability