

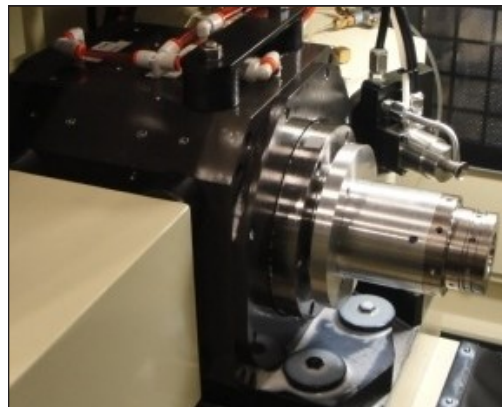
UGC Dual Spindle ID/OD Grinder



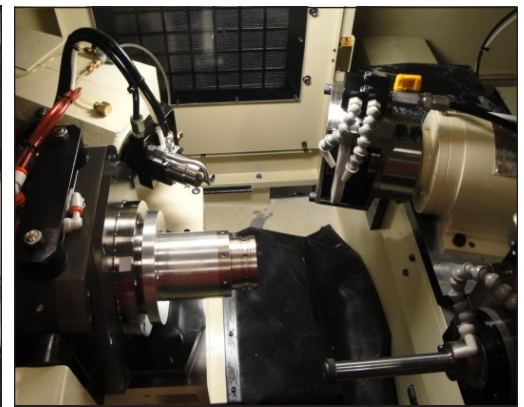
Unique grinding application demands sub-micron tolerances. Major manufacturer of precision spindle components selects the Weldon UGC for a challenging application. This project involves OD, ID, and face grinding on a various spindle shafts. With this machine configuration multiple operations or rough and finish grinding can be accomplished in a single set-up. The system features custom work holding, **GMN** high-frequency grinding spindle, **Setco** low frequency grinding spindle, **Spindel** and **Toshiba** variable speed drives, **Turmoil** spindle chiller, **Vogel** spindle lubrication, and **Meister** rotary dresser.



Operator panel featuring a FANUC 21i CNC control



Integration of precision air bearing spindle workhead for sub-micron cylindricity



Angular OD wheel for precision shoulder and face grinding



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.

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