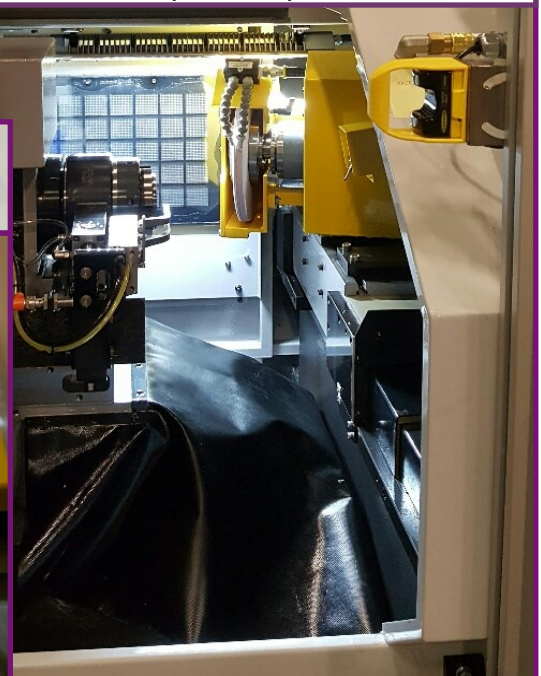


UGC OD Sphere Grinder



3,600 to 7,200 rpm OD spindle.

A Carolina based manufacturer selected Weldon's model UGC grinding machine in a single spindle configuration, with Grosite liquid cooled 3,600 - 7,200 rpm OD spindle. Workholding for the variable sized parts was accomplished with an Hardinge Flex C quick change chuck with custom collets. Also provided was a FANUC LRMate to load and unload the parts and utilized a CGI sizing gage to keep parts in check. Coolant was straight oil, so a CO2 fire suppression system was provided for safety. Sphericity was maintained with a Weldon designed automated sweep radius dresser.



System features:

Hardinge Flex C chuck, **Grosite** Liquid cooled OD wheel spindle & chiller, **Barnes MPE-10** coolant filtration system, **Turmoil Spindle Chiller OC-50R**, **Renishaw** lateral locator, **CGI D500** in-process gage, **Fire-trace** fire suppression system, **FANUC LRMate 200-iD** Robot & **0i TD** CNC control.



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 a new CNC grinder can enhance your manufacturing operation, and increase efficiency and profitability