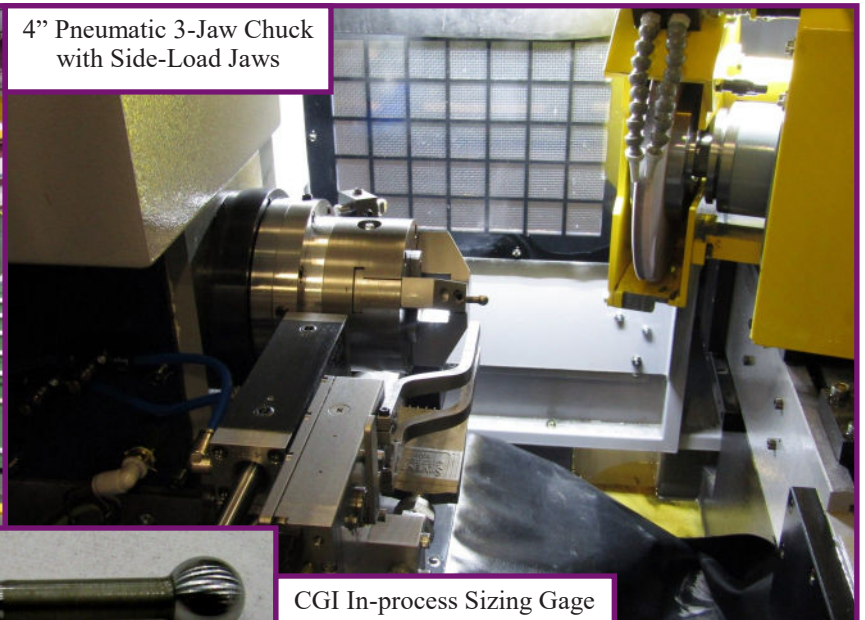


UGC OD Sphere Grinder

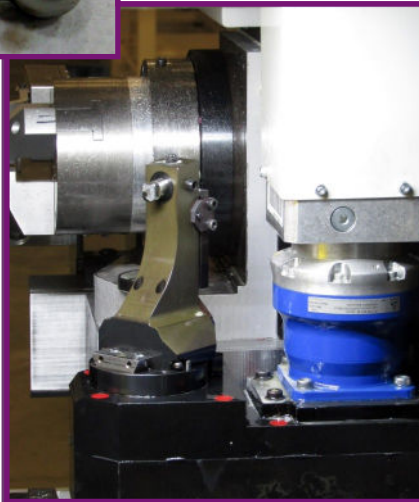


4" Pneumatic 3-Jaw Chuck with Side-Load Jaws

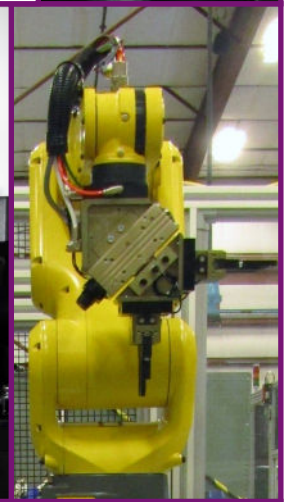


CGI In-process Sizing Gage

A South Carolina based aerospace manufacturer again selected Weldon Solutions for their unique sphere grinding applications. This robotically tended model UGC features an integral motor OD angular wheel spindle. Part presentation and exit is via a dual pallet station. Weldon designed adjustable part trays address a wide variety of part sizes. Coolant was straight oil, so to keep things safe, incorporated was a HFC-227A fire suppression system. To establish and maintain sphericity, the machine was equipped with a Weldon designed, servo controlled, sweep radius dresser.



Servo Controlled Sweep Radius Dresser



FANUC LR Mate 6-Axis Robot

System features: *Northfield* pneumatic sliding jaw chuck, *Grosite* liquid cooled OD spindle, *Barnes* magnetic/fabric coolant filtration system, *Turmoil* Spindle Chiller, *CGI* in-process gage, *FireTrace* fire suppression system, *Weldon* sweep radius dresser, *FANUC* LR Mate Robot & 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.

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