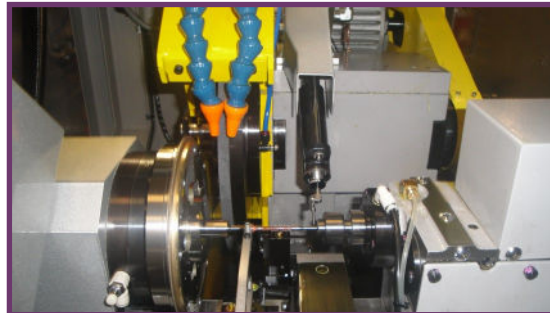


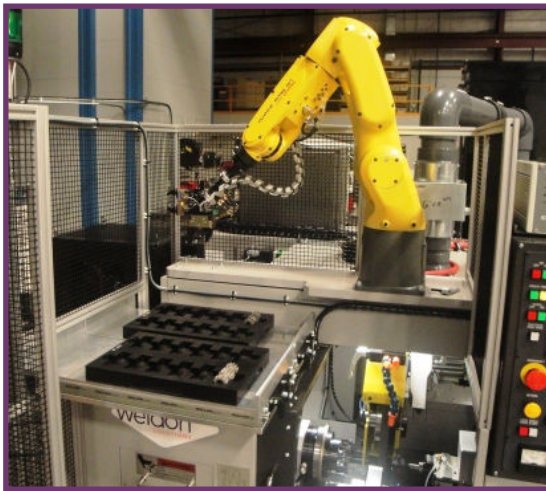
AGN4 Automated Straight Wheelhead Grinder

Major Aerospace Component Supplier.....selects Weldon for precision OD, radius, and shoulder grinding turnkey for proprietary work parts.



System features:

- **FANUC** model 0i-TB CNC Controller
- **Renishaw** lateral locator, wheel head mounted
- **PRAB** PFA-80 coolant system
- **Airflow** MP4 media type mist collector
- **SBS** automatic wheel balancer
- **Dittel** acoustic sensor system
- **CGI** model D100 in-process gage system
- **FANUC** 6-axis LRMate 200-iD robot



This Weldon model AGN4 incorporates a full turnkey for over 40 different part numbers. Machine tending automation features a 6-axis robot & a dual pallet tray system for part presentation and exit.

Vitrified CBN abrasives are used in this application, conditioned with a Weldon design ring dresser mounted on the workhead spindle.

Straight oil coolant was specified for maximum wheel life. A chiller is included to address thermal variations and a fire suppression system is included for safety.



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.

www.weldonsolutions.com - info@weldonsolutions.com
425 East Berlin Road, York, PA 17408 - 717-846-4000

Contact Weldon today to find out how a new CNC grinder can enhance your manufacturing operation, and increase efficiency and profitability