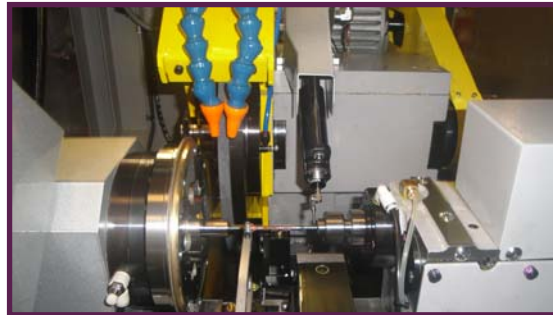


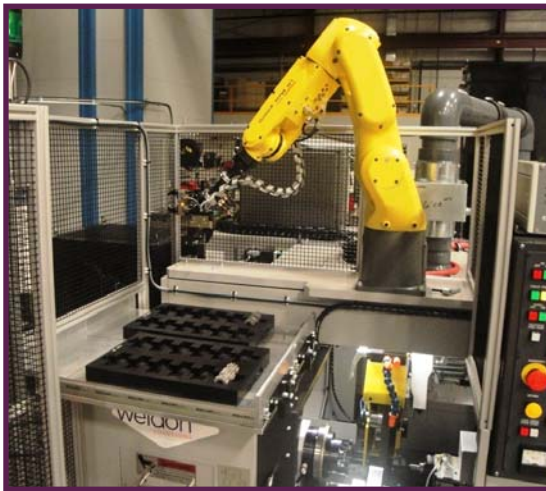
# AGN4 Straight Wheelhead Grinder with Automation

*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 LR Mate 200-**



This Weldon model AGN4 incorporates a full turnkey for over forty different part numbers. Machine tending automation features a 6-axis robot and 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 work-head 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.



**Authorized  
System  
Integrator**

**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  
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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**