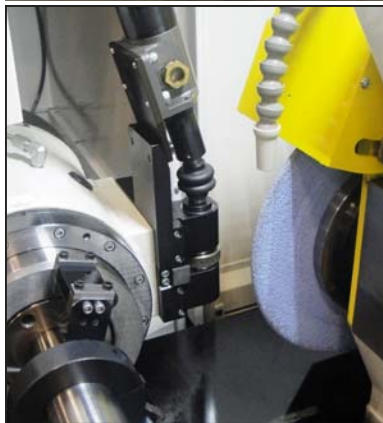
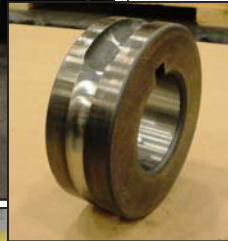


# 1632 GOLD Tubing Roll Grinder



A world leader in the production of titanium tubing for the Aerospace and Medical industries selects **Weldon** for roll die pass grinding. This complex CNC grinding process was originally developed on the users first Weldon grinder; installed over twenty five years ago and still in production today. The improved hardware and faster controls have combined to increased productivity up to 50%.



Weldon designed cross-axis pneumatic rotary dressing system generates a full radius on conventional abrasives.

Renishaw probe is used to establish lateral position with part mounted on a custom between centers arbor. The probe is also used to measure the OD for automatic depth control.

This unique application requires grinding of the roll pass surface for 270 degrees of the diameter, with an increasing radius value through the full pass length.

System features:

**SBS** automatic wheel balancer, **Weldon** pneumatic rotary dresser, **Dittel** acoustic emissions sensor, **Heidenhain** rotary and linear glass scales, **Renishaw** probe/locator, **Fanuc 32i AT** CNC control.



**FANUC**  
Robotics

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  
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