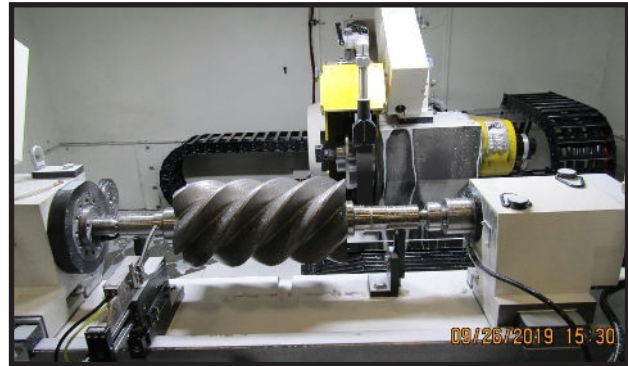


Altaira Rotor Shaft Grinder



The US division of a major compressor company selected the Weldon Altaira for grinding shaft diameters and shoulders on both ends of a rotor in a single cycle. This was accomplished using a straight approach vitrified CBN grinding wheel, relieved on both sides.



The Weldon Altaira has a compound slide design allowing it to grind parts up to 40" (1m) long while maintaining a small footprint. The Z-axis features a FANUC linear motor and the X-axis can be a linear motor or ballscrew drive depending on the application.

System Suppliers:

FANUC 32i BT CNC control, **Dittel** acoustic emissions monitoring, **Renishaw** probe, **Gil** electric rotary dresser, **CGI** in-process sizing gage, **Barnes** coolant filtration system, **Absolent** mist collection, **SBS** automatic wheel balancer.



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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