

# Phoenix OD / ID Polygon Grinder



Weldon's **Phoenix** is selected to replace a Jig Grinder for OD and ID polygon grinding. This machine features a custom 18" pneumatic chuck for Impeller OD & Pinion ID work support. Jig grinder accuracy and high productivity rates were made possible through the use of X and Z axis linear motor technology. Enclosure modifications helped address the need for 25.5" swing capacity.

## **System features:**

**Setco OD Spindle, GMN ID Spindle, Weldon Heavy Duty Programmable Gear-drive Workhead, Turmoil Dual Chiller for Linear Motors, Grinding Spindles, and Coolant, Microcentric 3-Jaw Pneumatic Chuck, Barnes Coolant Filtration System, Airflow Mist Collector, Dittel Acoustic Sensor, Renishaw Probe, FANUC 32i-BT 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.**

## **QUALITY, Over and Over Again.**

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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**