



Pride Air Bearing Grinder 30A

INNOVATION ONE 1,000,000TH OF AN INCH AT A TIME.

TIGHTER TOLERANCES.
HIGHER QUALITY FINISHES.
BETTER TOOLING PERFORMANCE.

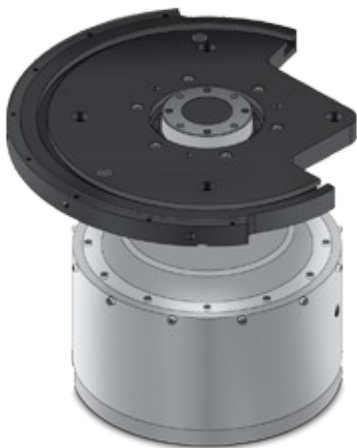
Three simple step operation with precision accuracy. Absolute scales always know where they are without referencing. Closed loop feedback means no accumulated errors between scales and control.

Four inches of solid granite secures both spindles. Air suspension eliminates low-frequency

vibration disturbance. Planetary roller bearings guide the digital linear actuator for oscillation of CNC contouring.

FRAMELESS TORQUE MOTOR. NO GEARS, JOINTS OR CHAINS. SMOOTH AND ACCURATE.

When work and wheel head spindles are mounted together on a floating granite surface, true roundness is realized. True roundness is how you make better cans and more of them while extending the life of each die. With new, tougher air bearings you can feed as aggressively as with mechanical grinders while greatly surpassing the tolerances and surface finishes they can achieve.



PRECISION IS IN THE AIR.

Air makes grinding ironing dies, redraw dies, pilot dies, redraw sleeves and trimmer blades even better with an extra long air bearing that allows you to feed as aggressively as mechanical grinders.



**Rotary accurate to .00008" roundness
delivering a 2 μ in surface finish.**

EASY TO USE SO CANS ARE EASIER TO MAKE. The Air Bearing Precision Grinder runs on Windows™ and comes set up and ready to go. The grinder then moves automatically to the correct positions and the open architecture enables new programs to be added easily.