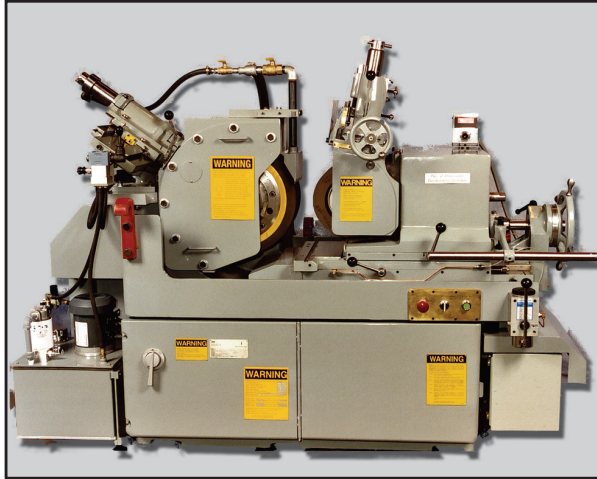


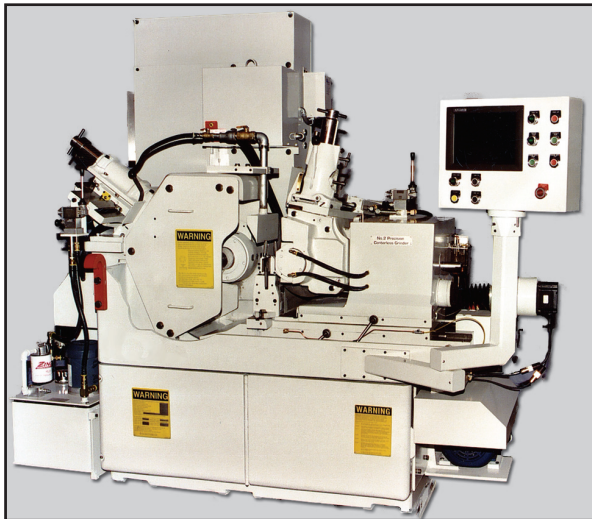


# GRINDERS & AUTOMATION, INC.

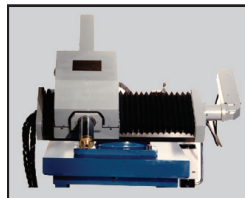
## NO. 2 PRECISION CENTERLESS GRINDER



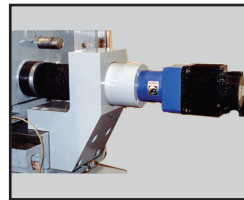
*8" Machine*



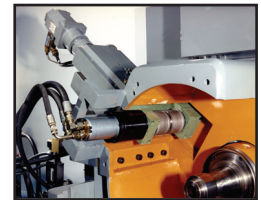
*10" CNC Machine*



*2 Axis CNC Dresser*



*X-Axis CNC Servo Infeed*



*Diamond Roll Dresser*

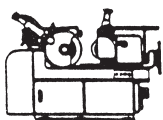
New No.2 Precision Centerless Grinder is most reliable, repeatable & efficient grinder. It is a general purpose grinder used for Infeed or Thrufeed grinding jobs. Numerous applications that can be handled by this versatile grinder like grinding pins, valve stems, bars, carbide blanks, shafts, pistons, automotive parts, rods and many others. These parts could have straight, tapered or multiple diameters.

The precision hydrodynamic spindle is supported by two sets of five shoes of bearings. The bearings are mounted directly in the sturdy grinder base for maximum rigidity. Each bearing shoe works on the principle of high pressure wedges created between the shoes and the rotating spindle, which helps in maintaining constant center of rotation irrespective of the direction of force of the load.

RSS Grinders & Automation is authorized manufacturer of standard manual grinder along with hydraulic dressers on grinding and regulating wheels. CNC or Diamond roll dressers can be supplied as an option. The regulating wheel has a AC variable speed drive for precise control and reliability. The speed is displayed on a Digital Tachometer. The grinder hydraulic unit is placed on the side for ease of maintenance.

No.2 grinder is designed with manual infeed. Infeed grinding is achieved through the manual lever which provides stroke up to 0.038" using single pitch lead screw. Options are available for greater stroke with double pitch (0.076") lead screw or quadruple pitch (0.152") lead screw. Option of replacing with a precision ground ball screw is also available.

No.2 Grinder can be offered along with; CNC Two Axis Grinding wheel dresser, CNC Two Axis Regulating wheel dresser, CNC X-axis Servo (infeed) attachment, CNC Servo Regulating wheel drive, Automatic Loaders / Unloading units. All accessories & spare parts are readily available for immediate deliveries to make the grinder highly productive while retaining ease of operation.



**RSS GRINDERS & AUTOMATION, INC.**

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