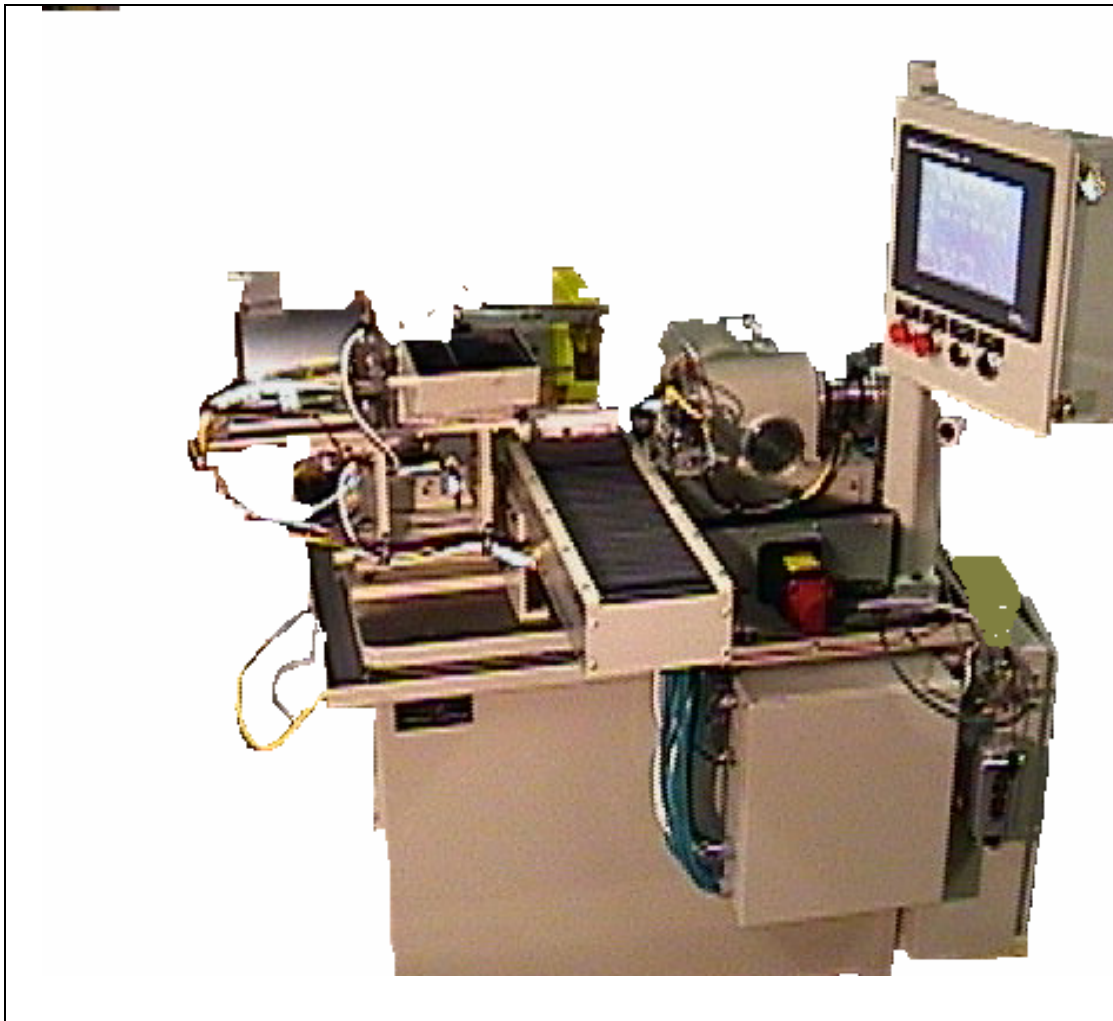


Precision Abrasive Machinery, Inc.

14200 WEST COMMERCE ROAD - DALEVILLE, IN. 47334 - USA

(765) 378-3315 - FAX (765) 378-3316

www.precisionabrasive.com



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Model 2004 Automatic Plunge Grinder

For Grinding Carbide, Ceramic, or Other Hard Materials

Manufacturing specifications

Tool Size Range 1/8 to 1/2 in diameter range up to 6" length

Angular adjustment for head + or - 3 degrees

Average cycle times for grinding 3/8 blank to 1/8 cutting diameter 50 sec.

Hopper fed machine with Precision Abrasive Auto-Load System

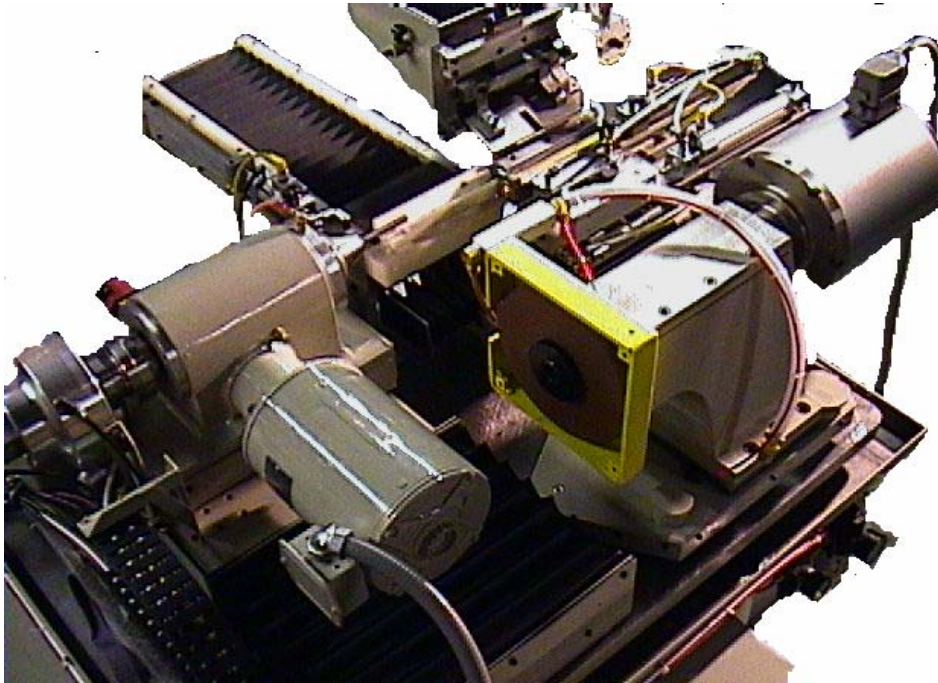
Grinds double end cutters automatically, one end and then the other end

Size 4" by 4' by 4' tall **Weight** 1850 lbs.

Features constant surface speed grinding and variable Y feed movement

Can use water based or oil coolant.

will utilize a variety of grinding wheels, including Vitrified diamond



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FEATURES

- *Microprocessor controls G.E. Fanuc 90-30
- *Servo Drive on Y axis
- *Worm Gear driven work head fitted with Schublin Collets
- *3 Hp Direct Drive grinding Spindle with Air Purge Variable speed Drive
- *10" touch screen with full programming
- *Designed to work with 8" grinding wheels $\frac{1}{2}$ to 1 $\frac{1}{4}$ wide.
- *Tool Retrieval system designed to minimize chipping
- *Tool support system with automatic retraction. (Diamond)

For more information about this or any of our complete line of hard metal support equipment. Please contact us by phone or visit our website.

Note: This machine is also available with an extra servo drive on the "X" Axis for plunging multiple diameter steps on drills or special tools.

Manufacturer reserves the right to make changes at any time without notice.