## TOYCEN CUTTERMASTER Professional® Tool and Cutter Grinders

**CUTTERMASTER Professional Tool Maker, Twin CM-01P** 

The CUTTERMASTER Professional Tool Maker Twin, End Mill and Tool Grinder has been designed to get the job done. Easy to use use and fast to set up with the dual wheel, variable speed, reversing DC motor head. Ideal for tool making, regrinding or tool modifications (switch between wheel types on the fly).

- Infinitely positionable twin motor tower
- Radius air bearing for sharpening bull nose and ball nose end mills
- Sharpen end mill ends, flutes, inside roughers, annular cutters, HSS and carbide cut off Grind flat set screw flats, neck
- Attachments for countersinks, step drills and more

## **Operations and Accessories**



Corner Radius (Bull and Ball Nose)



Coutersinks



Flat Set Screw Flats / Chamfers / Neck Reduction



Easy Ends and Flutes



x-axis Lever Slide



Hog Roughers

Air Bearing Stroke	6.5" (10.5" optional)
Air Bearing Collet	Standard 5C
Cutting Tool Capacity	2" shank, 9.8" O.D.
Flute Length	10.5"
Working Space /Travel	0.8" x 0.5" x 0.67"
<i>x</i> -Axis Table Size	16.5" x 5.625" table
y-Axis Table Size	16.5" x 5.625" table
Tool Grinding Wheel	Any
Motor Tilt	Infinite
Motor	400 - 4000 rpm, 500 W

CM-01P Tool Maker Single complete with Toycen Base, Toycen Radius Air Spindle, Variable Speed DC Reversing Infinite Whisper Drive Tower and Control, 7 Piece 5C Collet Set, Maintenance Tool Set, Operators Manual, Toycen Book on End Mills. Grinding wheels not included ......\$7,745.00

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