



\$8,875.00

CUTTERMMASTER has been the best name in bench top End Mill sharpeners since 1972 and that tradition of quality continues with the new professional version. The Cuttermaster Professional CMX has been designed with new features to meet the demands of today's prototype and production shops, and provides superior flexibility and ease of use for tool regrinding and tool modifications.

Five Years in development, the Cuttermaster Professional CMX Tool Grinder has been designed as a bench top tool grinder. With the slow-speed, high-feed capability being smooth, quiet, and powerful, the CMX is the most capable bench top End Mill grinding center on the market today

The CUTTERMMASTER PROFESSIONAL CMX is manufactured in the United States and Canada.
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Canadian & US Patents Pending: Cuttermaster Professional, Radius Air Spindle, Corner Radius Systems.

FEATURES

- Grinds diameters and ends of standard End Mills in one setup within a few minutes. There are 9 different axis providing substantial versatility.
- Sharpen End Mills, roughing End Mills, carbide tools reamers, end gash, cylinder grind small rounds , or reamers(circumferential lands), reduced neck grinds, Weldon flats, Carbide and HSS Cut offs, side and face Cutters, Annular Drills, and Countersinks.
- The Air Bearing Fixtures are precision honed and capable of grinding close tolerances. The spindle sleeve is a replaceable bronze component.
- Toycen Radius Air Bearing has a 180 degree swivel base for corner radius grinding or other angular features. It takes standard 5c collets, with End Mill holders available that can hold shank sizes up to 2" x 6" in length.
- The CMX 11 base and motor tower are cast and aged Monolithic Grey Iron.
- The DC Motor comes standard with two spindles so motor/spindle assembly tilts to positive and negative angles and rotates 360 degrees. Cutting tool clearance angles can be adjusted as needed providing "real angle result" when setting angles.

Available in imperial graduations .0005.

Air Bearing stroke - 8.5" (266mm)

Air Bearing Standard 5C Collet

Cutting tool capacity - 2" shank, 9.8" O.D., 8.5" flute length T-slot dimension - .800x.500x.670 Table feed graduations - .0005

X-Axis table working space - 26.5"x5.5"

Y-Axis working space - 13"x6.5"

Z-Axis carrier travel - 6"

Wheels are standard 1-1/4" arbor. Cuttermaster Professional Wheels for Dry Grinding Optional.

Motor Tilt – Infinite; Motor - 250 Watt DC Reversing Variable, Two Year Warranty on Motor and Control

Net weight - 275 pounds

Dimensions – 30"D x 34"W x 26"H. Shipping dimensions - 36"x33"x29"

System Summary

1 Cuttermaster Professional CMX Universal Base

1 Toycen Radius Air Spindle

1 Cuttermaster Professional Infinite Twin Motor Tower with Control and Operating manual

Options:

-11V9 Cuttermaster Diamond, or CBN Resin Bond Wheel, or Cuttermaster Pro Poly Wheel (Diamond or CBN)

-Cuttermaster 1A1, 180 Grit Diamond or CBN wheels (for grinding reduced necks, flats, etc...)

-7 Piece 5C Collet 1,7/8,3/4,5/8,1/2,3/8,1/4, or Metric Available

-CMX Helical (Drill, Tap, and Countersink Grinding System)

-Airsindle Tailstock (for grinding reamer OD)

FOB Ottawa (Customs and Duty Paid), Freight quoted separately, Wire in Advance or Cash with Order, Shipment TBA