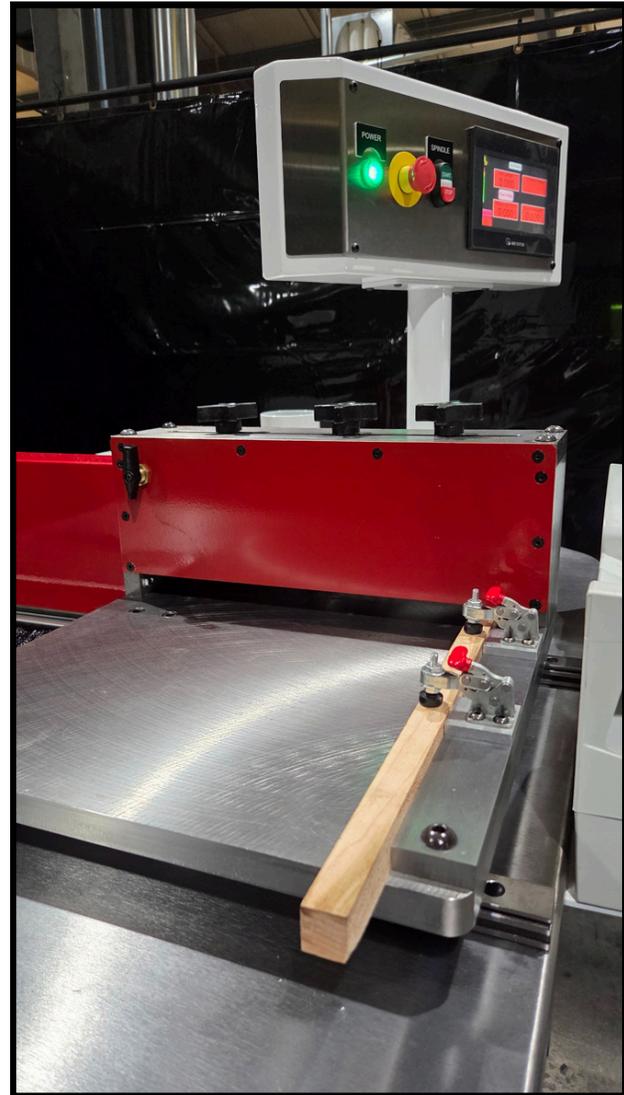




# IDEAL MACHINE

# CM500S

## Single-Spindle Cope Machine



**IDEAL MACHINE**

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Gordonville, PA 17529

[idealmanufacturingllc.com](http://idealmanufacturingllc.com)

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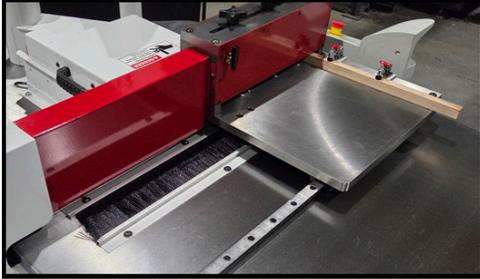




# IDEAL MACHINE

# CM500S

## Single-Spindle Cope Machine



### Servo-Driven Material Sled

The CM500S table-top material sled smoothly runs your parts past the cutter head for precision coping.



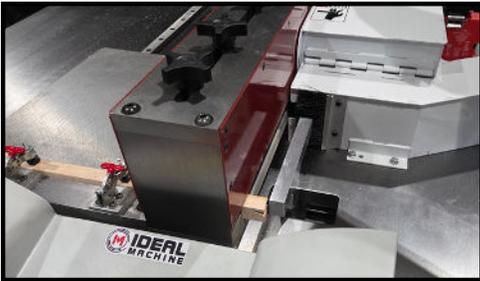
### HSK Quick Change

HSK quick change tool release allows you to change profiles with the push of a button. Changeovers take less than 1 minute.



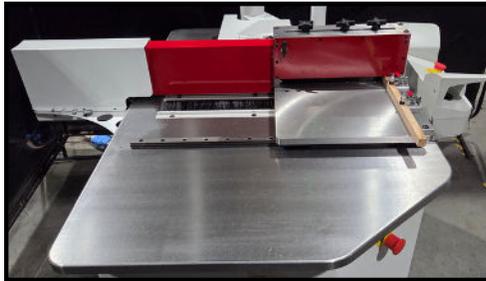
### PLC Touchscreen Controls

Use the PLC touchscreen controls to digitally adjust settings on your machine for fast and easy changes.



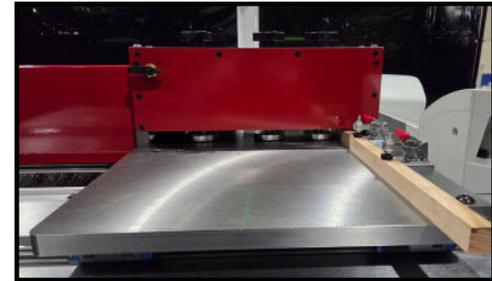
### Digitally Adjustable Material Stop

Use the digitally adjustable material stop for sizing and clamp your tear out piece in place to prevent chipping and splintering on your copes.



### Solid Polished Steel Table Top

The solid steel table tops on woodworking machine from Ideal Machine ensure accurate and repeatable material processing.



### Pneumatic Material Clamps

The pneumatic clamps secure your material in place ensuring accurate and consistent end copes.

## CM500S SPECIFICATIONS

- 8 HP at 12,000 RPM
- 230 volt or 480 volt
- Variable spindle RPM (Up to 12,000 RPM)
- Variable material feed speed: 10-40 Feet per minute
- Part length max: none
- Part width max: 12"
- Part length min: 5"
- Tool diameter: 5" (up to 7" available upon request)
- Dust collection: 1x outlet at 4"
- Compressed air required: 80 PSI

## CM500S FEATURES

- HSK Quick Change End Coping Machine
- HSK QC Direct Drive Electric Spindle
- HSK Quick Change Tooling
- Single Spindle Machine
- Digitally Set Material Stop For Increased Accuracy
- Servo-Driven Feed Table
- Pneumatic Material Clamping
- PLC Touchscreen Controls



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