



# MEREEN-JOHNSON

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## Model 1105 CNC Dovetailer



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**PRODUCTION, ACCURACY, FLEXIBILITY, AND QUICK CHANGEOVERS**

# HIGH PRODUCTION - EVEN WITH SINGLE PIECE BATCH SIZES

Mereen-Johnson's CNC Dovetailers offer the quality construction, precision, reliability, and low cost of ownership you've come to expect from this industry leader. This unique machine offers production flexibility and lightning fast changeovers providing high production, even with custom order demands.

The Model 1105 CNC Dovetailer features a 5 HP motor driving five spindles.

Cartridge type spindles are individually replaceable.

Exclusive dual cutting path virtually eliminates tearout and allows for joint fit adjustability through cutter compensation feature.

Spindles equipped with sealed double angular contact top and bottom bearings which never need lubricating and provide longer spindle life and greater reliability.

Spindles and router bits have wrench flats for ease of tool changes.

Dual phenolic chip breakers to minimize tearout.

Automatic partial tenon removal (No special tools required).

Changeovers between sides and fronts/back are made in seconds from the operator console.

Resharpened bits easily accommodated using cutter compensation.

Tenon/mortise fit is easily adjusted from the operator console.

Part thickness changeovers are made in seconds from the operator console.

Knowledge of machine tool programming is not required.

## CNC ADVANTAGES

No cams to wear  
Drawer size flexibility  
Cutter compensation

More accurate cuts  
Fast and easy set-ups  
Menu driven operator's console

## SPECIFICATIONS

### CAPACITY:

Maximum width capacity 15"  
(Optional 25" width capacity with Model 1105-25).

1/2" to 3/4" material thickness.

1" thickness on lipped fronts with 3/4" overhang.

1-3/4" to 15" drawer height.

5" to 48" drawer width.

7" to 28" drawer depth.

### SPINDLES:

5 HP air tensioned belt driven spindles to 20,000 RPM.

Wrench flats for tooling changes.

### CARRIAGES:

AC brushless servo motors.

THK type linear rails.

### CLAMPS:

Permanently mounted.

Pneumatic actuation.

Adjustable phenolic chip breaker.

### INTERFACE:

Industrial PC with 15" touch screen.



## SETTING THE STANDARD

