Model 1105-H CNC Dovetailer

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 though 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 easy tool changes.

- Dual phenolic chip breakers to minimize tearout.

- Automatic partial tenon removal (No special tools required).

- Changeovers between sides and fronts/backs 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.

SPECIFICATIONS

CAPACITY:
Maximum width capacity 15".
(Optional 25" width capacity with Model 1105-25).
5/8" 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.
Reciprocating bearing linear rails.

CLAMPS:
Permanently mounted.
Pneumatic actuation.
Adjustable phenolic chip breaker.

INTERFACE:
Industrial PC with 15" touch screen.

CNC ADVANTAGES:
- No cams to wear
- Drawer size flexibility
- Cutter compensation
- More accurate cuts
- Fast and easy set-ups
- Menu driven operator's console

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