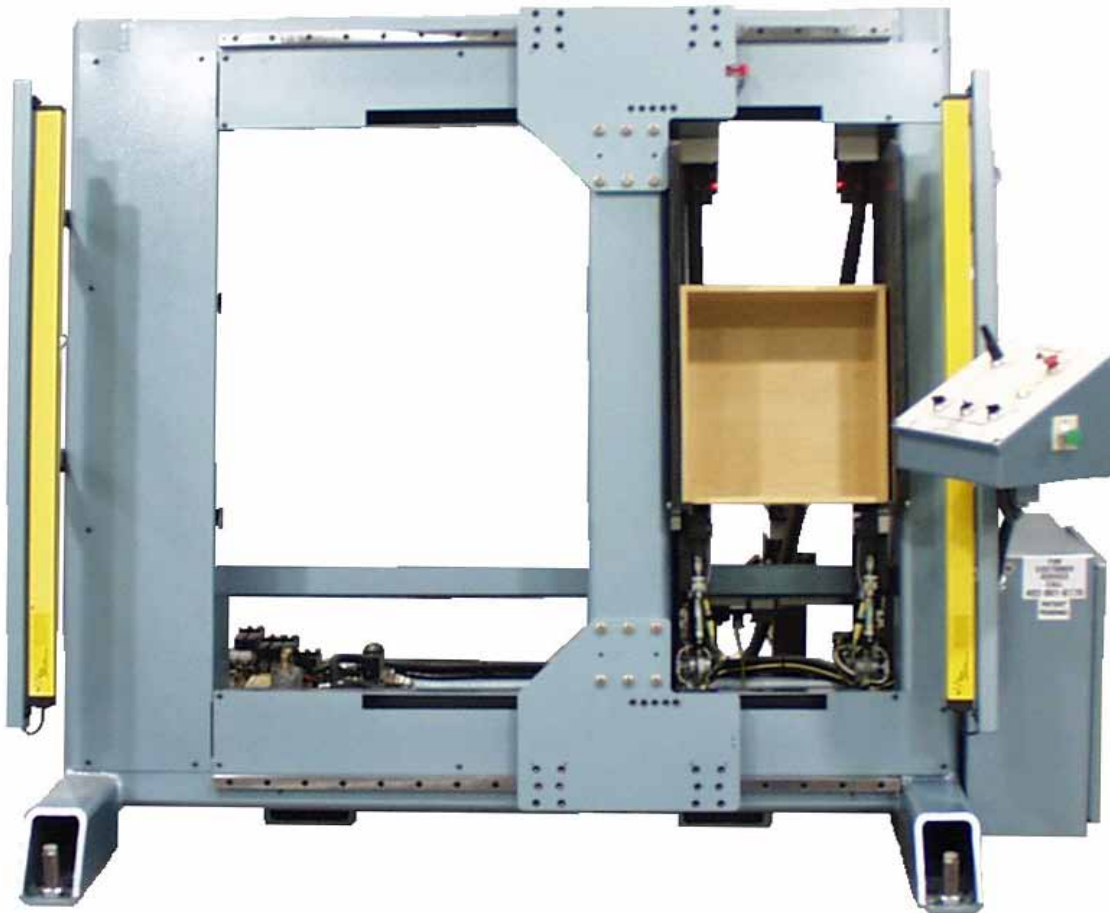


PREMIER DOVETAIL DRAWER MACHINE



The CSE Automation, LLC **Premier Dovetail Drawer Machine** is an affordable system that squares and clamps a variety of interlocking joint style drawers. Designed for fast material placement and finished product removal.

- *Increase Productivity*
- *Improve Product Quality*
- *Increase Profits*
- *Improve Safety*



- Heavy Duty Frame
- Low Maintenance
- Powered Size Adjustments
- Precision Linear Bearings
- Programmable Controller

The **Premier Dovetail Drawer Machine** is designed to assemble drawer boxes that use dovetail, box or doweled style corner joints. The boxes need to be loosely preassembled before clamping in this machine to ensure proper joint engagement. This machine is capable of producing 800 to 1,200 drawers per eight hour shift depending on the options selected. Standard joystick operation allows for quick and accurate size adjustments. Clamping is performed by an air motor, gear box and ball screw configuration providing the clamping force needed for a single cycle sequence. Front predrills and undermount glide clearance routers can be added as options. The frame is ergonomically designed at an angle for easy placement of sub-assembled drawers and fast removal of the finished product. Operating controls are simple and convenient to minimize training time. Machine functions are air powered with programmable electrical controls for accurate and reliable operation.



Rear view of the machine showing under mount drawer slide notch routers



Drawer front multi-position center and corner drilling.

SPECIFICATIONS:

***STANDARD SIZE CAPABILITIES:**

Minimum: 6" wide x 7" long x 1" deep
 Maximum: 38" wide x 30" long x 12" deep

Special Sizes Available Upon Request

***MACHINE CYCLE TIME:**

Approximately 6-15 seconds,
 depending on options selected

***ELECTRICAL REQUIREMENTS:**

6 amps @ 110 VAC

***AIR REQUIREMENTS:**

80 cfm @ 90 psi

***WARRANTY:**

6 Month Limited Warranty

***OPTIONS AVAILABLE:**

- Drawer Subfront Corner Drilling
- Drawer Subfront Center Predrilling
- Stationary Drawer Subfront Predrills
- Light Curtain
- Light Curtain Cycle
- Safety Fence
- Rear Undermount Drawer Slide Notch
- Routing with Vacuum Connections

**Specifications subject to change*

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