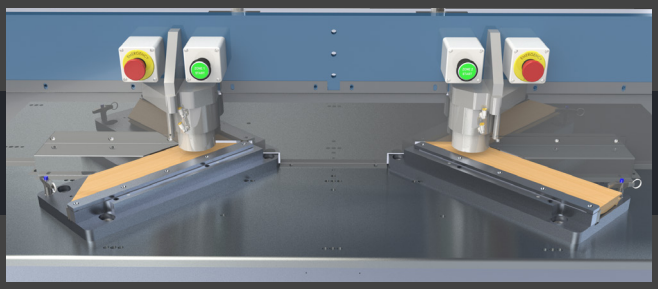
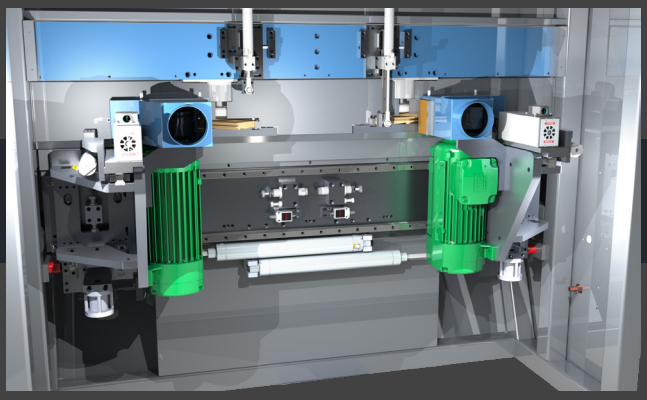
PILLAR MACHINE

FJ

FINGER JOINT MITER

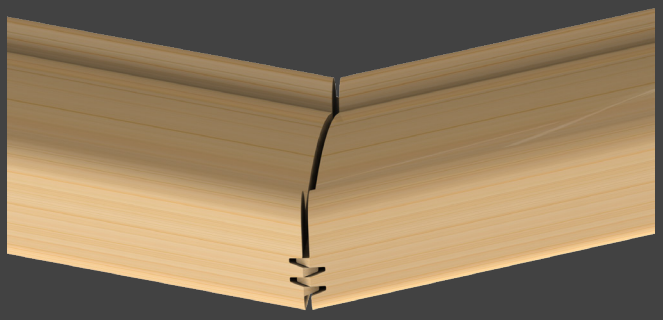
The FJ is a dual spindle PLC machining center used for producing high quality finger joint miter parts used in cabinet door manufacturing. It includes two 5 HP motors for cutting the miter, two 1 HP spindles for drilling dowel holes. There is a hogging tool to remove the majority of material before the finger joint is cut. This saves on tooling costs for finger joint tools. The FJ is driven and controlled by a Galil PLC. This means there is no potentailly complicated computer to operate. This machine is controlled by PLC, pneumatics and relays. Because this machine has two independent carriages it can simultaneously cut two parts at one time making it extremely fast. It can produce between 250-350 doors per 8 hour shift with one operator.





Standard Features:

- 2 PLC Driven Carriages
- 2 Work Zones
- Dual 5 HP Direct Drive Motors
- Dual 1 HP Dowel Hole Drill Spindles
- Top and Side Clamps
- Material Width: 1 1/2” to 3 1/2”
- Material Thickness: 5/8” to 1”
- 250-350 Doors Per 8 Hr Shift



Options:

- Diamond Tooling

SIZE	PSI	POWER	PORTS	CFM
W x D x H	Air	Requirement	Dust Collection	Dust Collection
75 X 32 X 54	90 - 110	220 v 3 Ph	4” (2X)	700

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