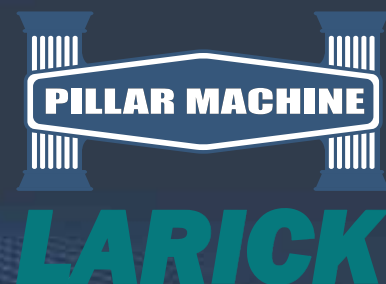
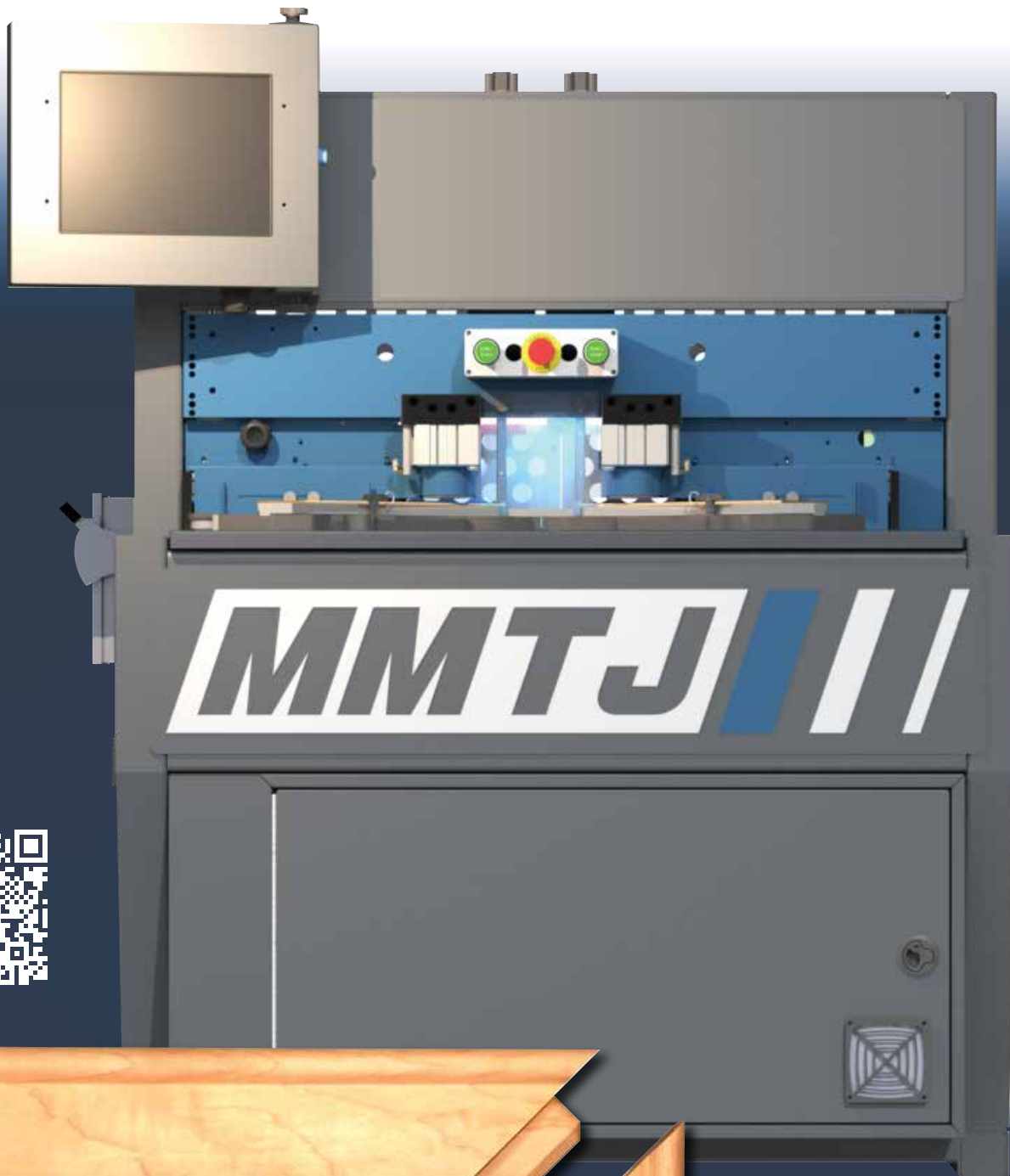


Mortise & Tenon Machine



Commercial Woodworking Machinery
pillarmachine.com



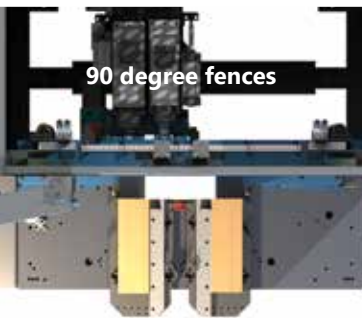
narrow part



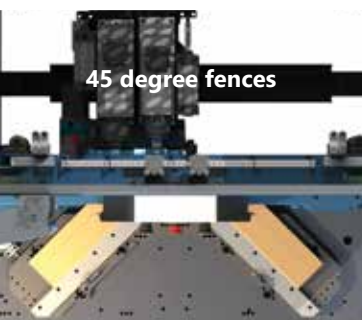
table chip blowers



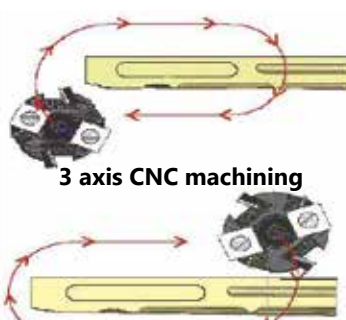
material backstops



90 degree fences



45 degree fences



3 axis CNC machining

MMTJ

Mortise & Tenon Miter

The MMTJ is our most popular machine designed for creating Blind Mortise, and Tenon joints on a Mitered angle. It is a full 3 axis CNC machine. The table top is V-shaped to allow machining of two parts at one time. Referencing is done on both the outside and face of the profile for accurate joints. The computer controls the size of the mortise and tenon. Programs are stored and recalled as needed. Changing from program to program is accomplished in seconds. Small runs as well as large batches may be done on this machine. This machine produces between 200-275 doors per 8-hour shift with one operator.

The MMTJ is built on award winning technology. It won the "Challengers Award" at the 2004 IWF tradeshow in Atlanta, Georgia.



Commercial Woodworking Machinery with CNC Precision

| Standard Features | Options |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • 7.5 HP Miter and Tenon Spindle • 3 HP Mortise Spindle • True 3-Axis CNC Machining • Table Chip Blowers • Dual 45 Degree Machining • Square Rail Bearings • Unlimited Program Storage • 2 Working Zones • Side Pressure Clamps • Material Backstops • Material Width: 1 1/2" - 3 1/2" • Material Thickness: 5/8" to 1" • 200-275 Doors Per 8 hr Shift | <ul style="list-style-type: none"> • Straight Tenon • Long Board Support • Keyed Electronic Interlock • Grooved Tenons • Automatic Oiler • Miter Diamond Tenon Tool Package • Extra Miter Diamond Tool |



SIZE
W x D x H
54 x 44 x 68



PSI
Air
90



POWER
Requirement
230v 3 phase



PORTS
Dust Collection
4" (2X)



CFM
Dust Collection
696

Comparison Matrix

| | M45 | MMTJ | MMTX |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| MACHINE NAME | M45 | MMTJ | MMTX |
| Doors Per 8 Hrs | 150-175 | 200-275 | 400-500 |
| CNC Axis' | 2 | 3 | 6 |
| Work Zones | 2 | 2 | 4 |
| Material Width | 1 1/2" to 3 1/2" | 1 1/2" to 3 1/2" | 1 1/2" to 3 1/2" |
| Material Thickness | 5/8" to 1" | 5/8" to 1" | 5/8" to 1" |

