

# & TENONER & MORTISER

Safety. Accuracy. Durability.



C1-K6



C1-02



**STONEWOOD**  
Industrial Machinery

# CI-K6 FEATURES & BENEFITS

## AUTOMATIC TWIN TABLE ROUND-END TENONER

### Cutter-Running Type

- Two-table configuration permits machining and workpiece loading at one time for higher efficiency operation
- Pneumatically operated table and the action of machine on the inside of the protecting guard
- Tenon machining is performed by a traveling cutter with stationary table, ensuring high machining accuracy
- Tenon depth can be conveniently adjusted without removing the door
- Convenient setup of tenon directions at horizontal, vertical, and 45° angles
- Table tilts +5° - 20°. Machine can produce various tenons such as straight, miter, dovetail, beveled, round, and T-shape
- Centralized control panel provides convenient operation
- Designed for producing various types of tenons; production rate up to approximately 800 tenons per hour
- Variable cutter feed speeds suit all types of wood material; automatic cutter brakes while it stops
- Comprehensive cutter guard for operator safety
- Cutting area is equipped with a rubber dust guard and rubber below to prevent dust from entering machine
- Equipped with safety switch and pressure switch for safety protection



MODEL	CI-K6
Tenon Width	Max. 3.937"+ thickness
Tenon thickness	Max. 1.181"
Tenon Depth	Max. 1.969"
Hourly Production	600~800 Tenons
Table Area	12.362" X 14.095"
Table Tilt (Forward)	+5° ~ -20°
Table Tilt (Lateral)	15°
Workpiece Fence Swiveling	45°
Cutter Rotation	9,000 RPM
Cutter Motor	5 HP (3.7 KW)
Cycling Motor	0.5 HP (0.4 KW)
Machine Dimensions (LxWxH in ft.)	4.101' X 4.495' X 4.429'
Net Weight	1675.51 lbs.

*All specifications and designs subject to change without notice*



The machine can produce straight, miter, dovetail, beveled, round, and T-shaped tenons

Throw-away-type cutter



# CI-02 SERIES FEATURES & BENEFITS

## AUTOMATIC TWIN TABLE SLOT MORTISER

### Machine Features

- Two tables built at both sides of the machine permit two operators working simultaneously. Product rate up to approximately 800 mortises per hour
- Produces horizontal and beveled mortises
- Air hydraulic combination cylinder assures extremely smooth motion
- Mortise length and depth are conveniently adjusted
- Mortise length adjustment mechanism has a mechanical digital readout
- Mortise slot depth is controlled by a proximity switch, which employs high-quality pneumatic parts for dependable motion control. In case of insufficient air pressure, machine will stop for safety protection
- Cutterhead traverses on precision round bar, assuring maximum wear resistance, long service life, and long-time accuracy
- Adjustable table height
- Chisel bit oscillating speed is variable
- Equipped with safety switch and pressure switch for safety protection



MODEL	CI-02
Tenon Width	Max. 4.724"
Mortise Slot Thickness	Max. 1.181"
Mortise Slot Depth	Max. 3.147"
Hourly Production	500~800 Slots
Table Area	10.827" X 18.976"
Table Tilt (Horizontal)	0° ~ -20°
Table Vertical Movement	0"-3.937"
Spindle Rotation	9,000 RPM
Oscillations Per Minute	67~400 Strokes
Spindle Motor	3 HP (2.2 KW)
Oscillation Motor	0.5 HP (0.37 KW)
Machine Dimensions (LxWxH in ft.)	2.789' X 4.265' X 4.167'
Net Weight	992.08 lbs.

All specifications and designs subject to change without notice



*Machine is equipped with disco motor and frequency systems that control the variable cutter speed precisely*



Table can be tilted 0° to 20° horizontally, permitting the production of beveled mortise slots

Mechanical digital readout on the mortise slot length adjustment mechanism provides accurate length setting





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