

**CANTEK**

# ST152C

SINGLE END TENONER



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## Economical solution for cutting tenons for door and window frames.

The Cantek ST152C Single End Tenoner offers superior tenoning results in a economical solution. The 12" trim saw unit is mounted in front of the tenon heads and enables stock to be cut to the desired length. The two horizontal spiral insert knife tenoning heads are capable of producing a tenon up to 6" long. The heads are accurately adjusted using mechanical digital readouts. The spiral insert heads produce an extremely smooth finish result. The two opposed coping heads allow for long tenons to pass between to produce a profile to match your rail profile. The coping heads are also adjusted using precision mechanical counters.

### Key Advantages.

- Industrial cast iron machine frame for vibration free operation
- (5) working units to produce a wide range of tenons and profiles for door, window components, and furniture parts
- Accurate adjustment using mechanical digital readouts
- Spiral insert knife tenon cutterheads with scriber tips for superior tenoning results
- Opposed coping heads allow for profiling even with long tenons
- Vertical and horizontal pneumatic workpiece clamping ensures material is secure during tenoning operation
- Infeed and outfeed safety guards
- Sliding table rolls on precision machined "V" ways allowing for precise and smooth table movement
- Mechanical stops for precision length cutting
- Adjustable infeed fence determines stock removal length
- Dust extraction ports on each working unit
- Schneider electrical components to CSA standard

### Specifications.

Maximum tenon cut	Length	6"
	Width	14.5"
	Thickness	5"
Maximum tenoning cutterhead size		4.3" dia. x 6" long
Maximum shaping cutterhead size		Ø 6 3/8"
Maximum sawblade diameter		Ø 12"
Spindle diameter	Tenon spindle	1 1/4"
	Cope spindle	1 1/4"
	Saw spindle	1 1/4"
Spindle speed	Tenon spindle	3400 RPM
	Cope spindle	6000 RPM
	Saw spindle	2800 RPM
Motor horsepower	Saw & tenon heads	7.5 HP
	Cope heads	5 HP x 2
Sliding table area		50.4" x 17.7"
Net weight		1716 lbs
Machine dimensions (LxWxH)		66" x 73" x 46"

### Working Units.

#### Trim Saw

- 12" dia. driven from tenon heads
- 1 1/4" shaft diameter x 6" long
- 2800 RPM
- Saw position moved by changing spacers

#### Tenon Heads

- Carbide insert spiral tenon heads with scribing inserts
- 152mm (6") long x 127mm (5") diameter tenons heads
- 5HP motor drives both tenon heads
- 1 1/4" diameter spindle
- 3400 RPM
- 1" lateral adjustment of tenon heads
- 14 mm x 14mm x 1.5mm carbide insert knives

#### Coping Heads

- Max. dia. tooling: 6 3/8"
- (2) 5 HP motors
- 1 1/4" diameter spindle
- 6000 RPM
- 2 3/4" spindle length
- Independent adjustment each head
- (2) 4 knife wedge type cutterheads with chip breakers included (60° corrugated knives)
- Counterbore locknut allows both heads to move close together