

# Single End Tenoning Machine

## FEATURES:

### TENON CUTTER HEAD

Both top and bottom tenon heads can be individually or simultaneously vertically adjusted. Individual cross adjustment in 1" distance. Helical and straight tenon cutter heads on the 152 series provide excellent quality results on a range of materials.

### COPE HEAD

For fitting with pattern cutter producing various end patterns. Cope spindle may be vertically or crosswise adjusted. Vertical movement distance is 140mm, Forward and backward movement distance is 100mm.

### CUT OFF SAW

The saw mechanism is mounted in front of tenon heads for cutting stock to the desired length. Sawblade may be vertically adjusted. Saw head accepts 12" maximum blade diameter.

### SLIDING TABLE

Table slides on precision machined "V" ways, precise sliding accuracy is assured. The bearing support permits for effortless hand moving of table.

### EXTENDABLE ALUMINUM RULER

Equipped with two work stops for convenient repetitive cutting.



**YL-152C**

Choice of cutter heads for best results:

- Helical cutterhead is best for hard materials.
- Straight cutter head is best for soft materials.



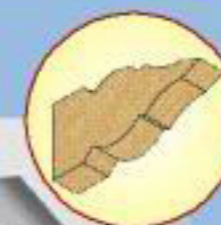
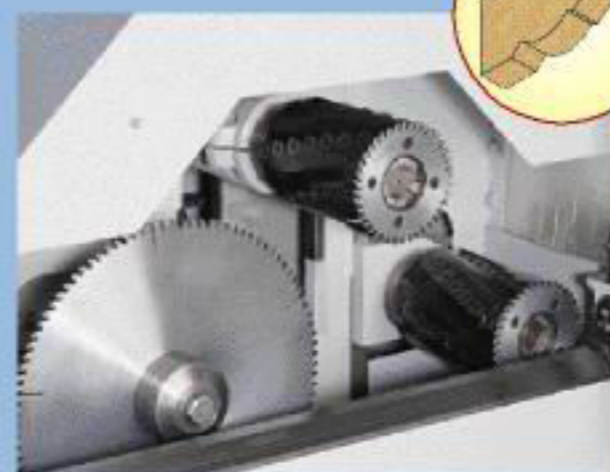
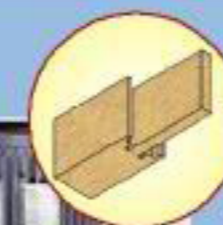
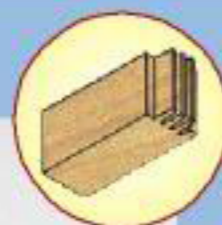
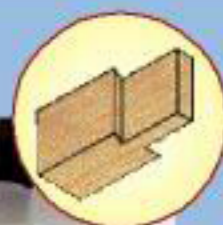
**HELICAL TENON CUTTER HEAD**

- With scribing saw



**STRAIGHT TENON CUTTER HEAD**

- With scribing knives



### YL-152A

- Especially suited for cutting tenons for window and door frames, chairs, but not ideal for cutting general joint-tenons.
- Cope spindle is directly driven by motor, 3600 RPM spindle speed.
- Handles maximum 10" diameter cutter.

### YL-152B

- The ST-152B tenoner is similar to ST-152A, but features a cope spindle.
- Suited for cutting tenons for window and door frames, and cutting general joint tenons.
- Cope spindle is driven by pulley providing 6000 RPM, allowing for faster spindle shaper production.
- Cope spindle accepts general shaper cutters.

### YL-152C

- The most powerful feature of the 152C is the two cope spindles fitted with a cope cutter head.
- Upper and lower cope cutterheads included standard, fitted with four 60° corrugated stock knives.
- Permits for cutting long and complex tenons, such as door casements.

### YL-152P

- The two tenon spindles are offset arranged for upgrading cutting accuracy.
- No cope spindle
- Excellent for picket fence production
- Heavy cutting capacity

### EXTENDABLE ALUMINUM RULER

Use the extendable aluminum ruler to measure the required length of the workpiece. Two work stops are used to set the desired length.

### SAWBLADE GUARD & DUST FILTER

An added sawblade guard offers added safety for the operator. A filter screen is provided in front of the dust hood to prevent chips from entering into the dust collector.