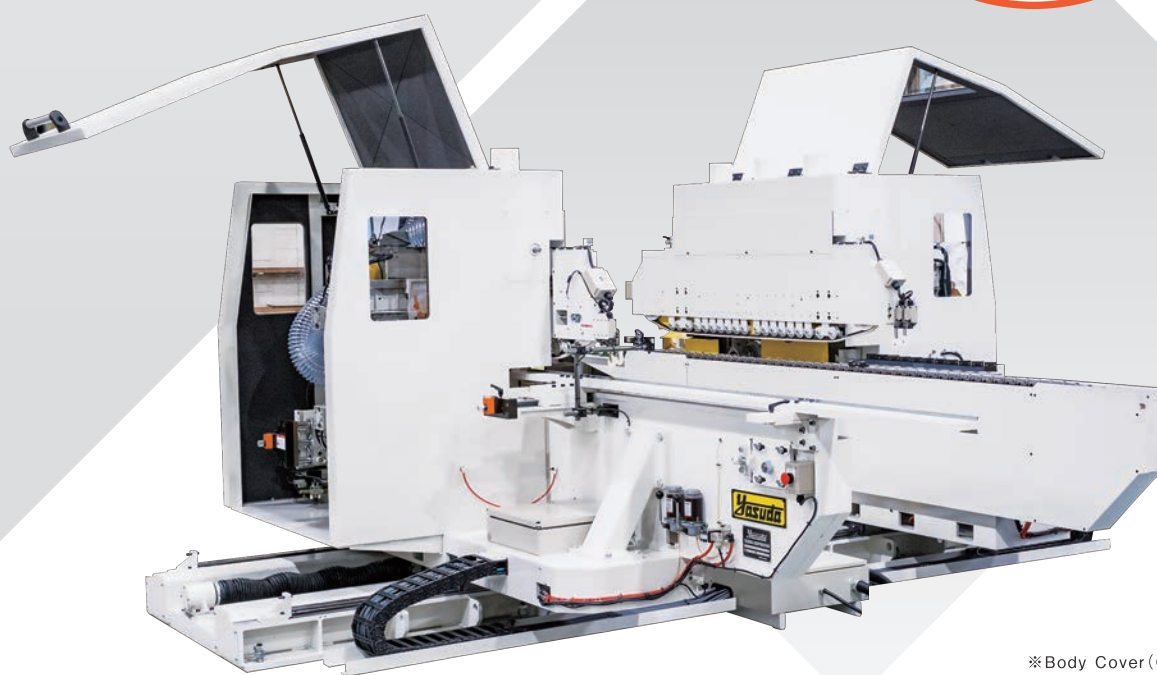


# IST Series Auto Return Tenoner

- Array of Various Main Spindles
- Reduces Significantly the Setup Time
- Digital Touch Panel
- L/R Columns Open & Close with High Speed
- Ability to Process Length & Cross Cutting by One Machine & One Employee

Feature

**Space-Saving,  
Energy-Saving**



※Body Cover (Optional)

## YASUDA CORPORATION

413 Kamishinkiri, Ichinomiya-cho, Toyokawa City,  
Aichi 441-1231, JAPAN  
TEL : +81-533-93-3500  
FAX : +81-533-93-6277  
E-mail : info@yasuda-corporation.com

<http://www.yasuda-corporation.com>

Your Nearest Agent

# Auto Return Tenoner IST Series

This machine enables processing length and cross cutting by one machine & produces small-volume production in great varieties. After processing & discharging materials, caterpillar chain reverses and materials come back to the operator who can work independently (cutting tools retract automatically). Both columns open & close at 20m/min at high speed. The design is simple, making a drive shaft unnecessary on the upper discharging side.



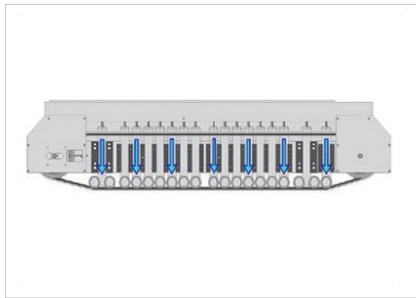
Functions



## ■ Digital Touch Panel

The screen shows a drawing of the product, so you can input working dimensions with ease on the touch panel.

Also you can operate by the touch panel columns' positioning, spindles' control, power supply for motors and so on. Trouble-shooting is easily accomplished as any problem is displayed on the touch panel.



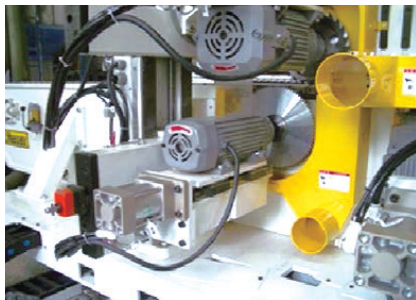
## ■ Hold-Down Unit

Air cylinders keep materials pressing consistency.

They prevent materials from deviating, rebounding, over-running.

The air cylinders support processing with high accuracy.

There are pressure sensors on L/R hold down units. When air pressure malfunctions, the machine stops immediately.



## ■ Main Spindles Array

You can choose spindles array depend on profiling.

Spindles array is determined by needs.

Our products are made to order.

We will supply you the machine which best meets your demands.



## ■ Feed Drive

**Two servomotors, one installed on each L/R column and individually energized, working under synchronizing control**

Without any typical driving shaft, a pair of two servomotors, one installed on the outer side of each column, work together under the synchronizing control to feed the caterpillar chains on each track.

Although the phase difference between two caterpillar chains on L/R tracks may arise from a long-term operation, the operator can correct the phase difference just by a numerical input on the touch panel.

Note: If the operation time of the caterpillar chains exceed the limit of usage, the overhaul of the caterpillar chains is necessary.