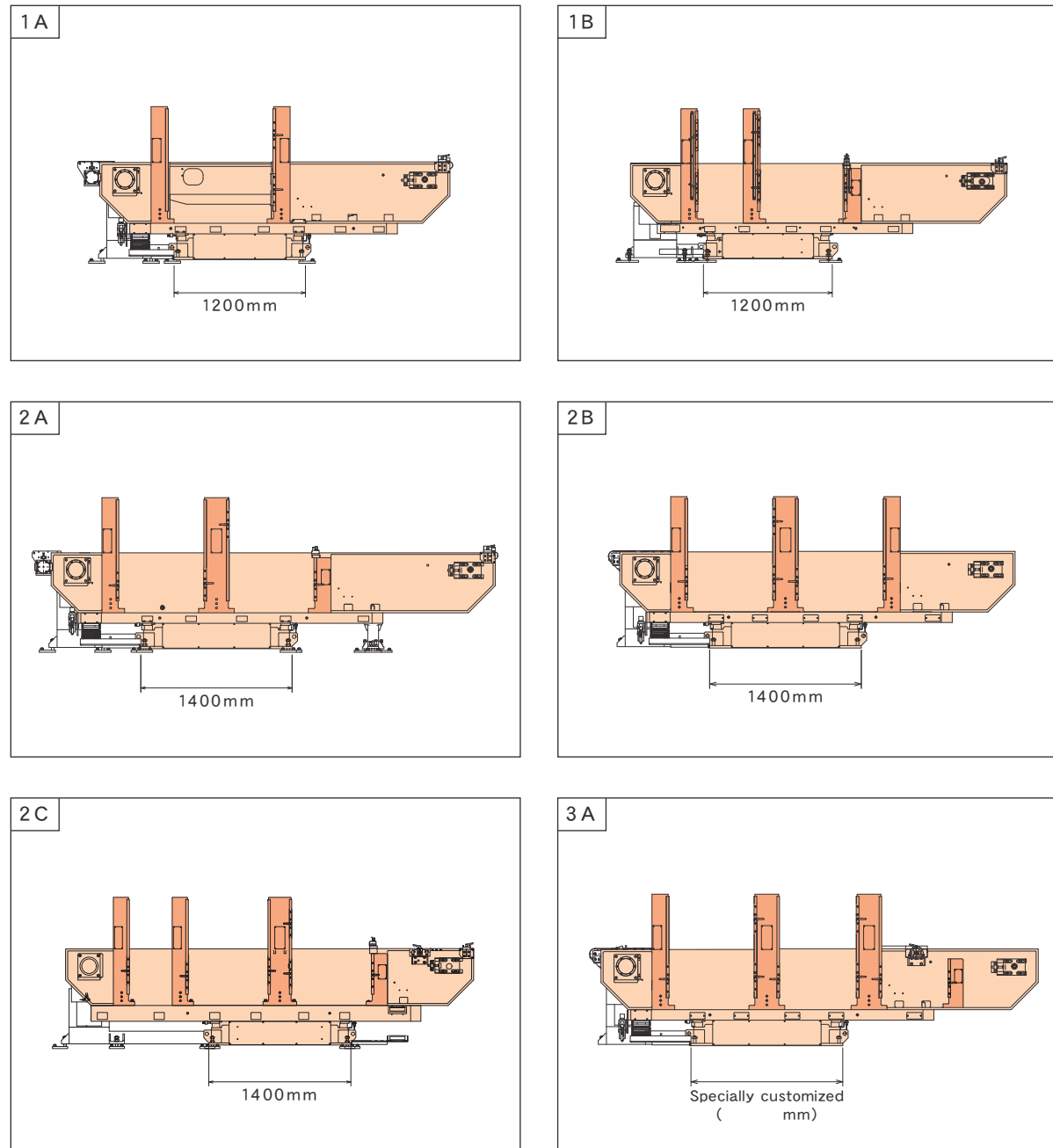


## Specifications



1S : Size of bed : 1200mm / Configuration of pillars : Specially customized  
 2S : Size of bed : 1400mm / Configuration of pillars : Specially customized  
 3S : Size of bed : Specially customized / Configuration of pillars : Specially customized  
 4S : Size of bed : Specially customized / Configuration of pillars : Specially customized



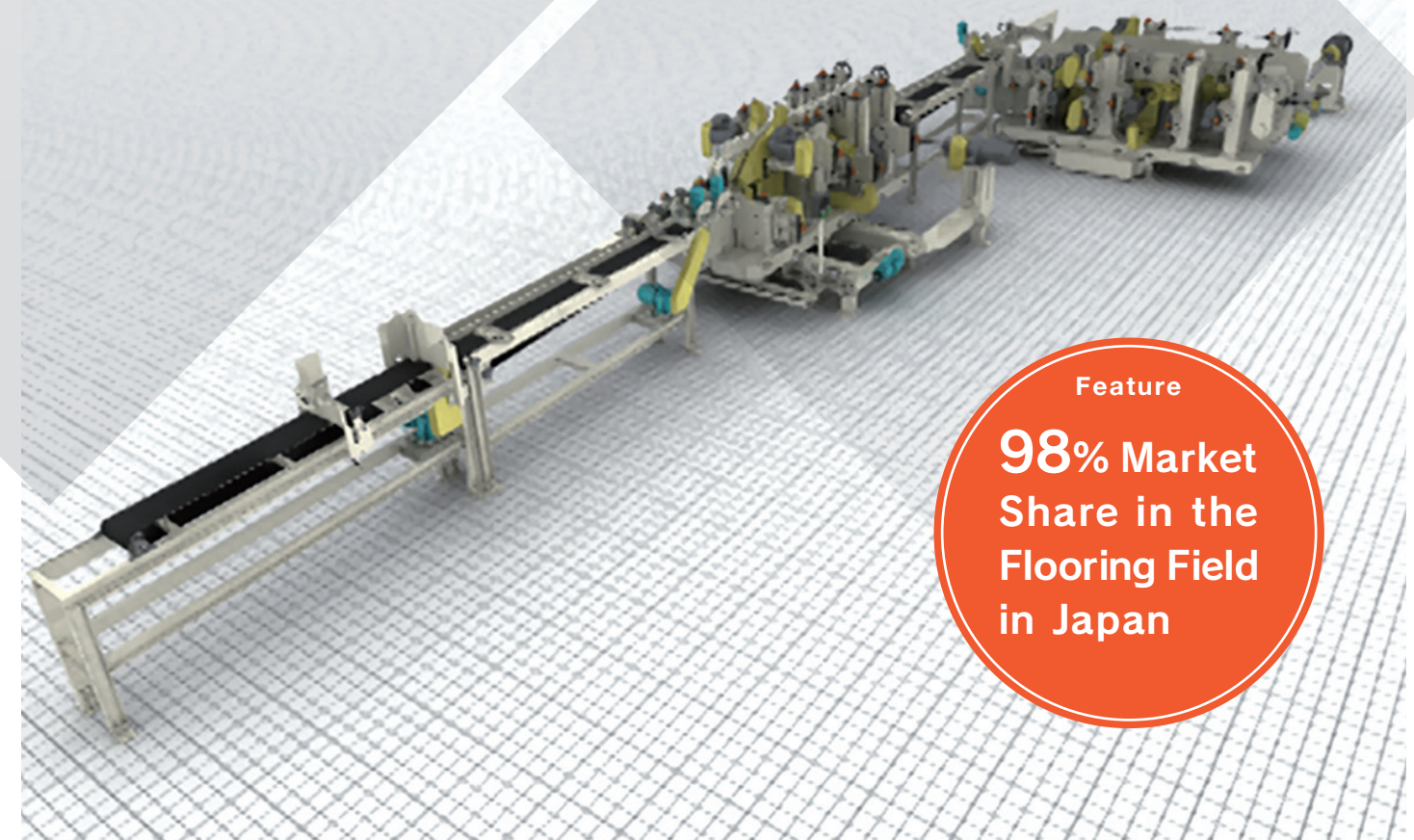
<http://www.yasuda-corporation.com>

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 TEL : +81-533-93-3500 FAX : +81-533-93-6277 E-mail : info@yasuda-corporation.com

## IST Series Double End Tenoner

- Choice of Many of Models & Mechanisms
- Many Kinds of Various Caterpillar Chains
- Beveling and Slope Processing by Inclined Spindles
- Excellent Durability
- Body Cover(Optional)



Feature

**98% Market  
Share in the  
Flooring Field  
in Japan**



## Product

# Double End Tenoner IST Series

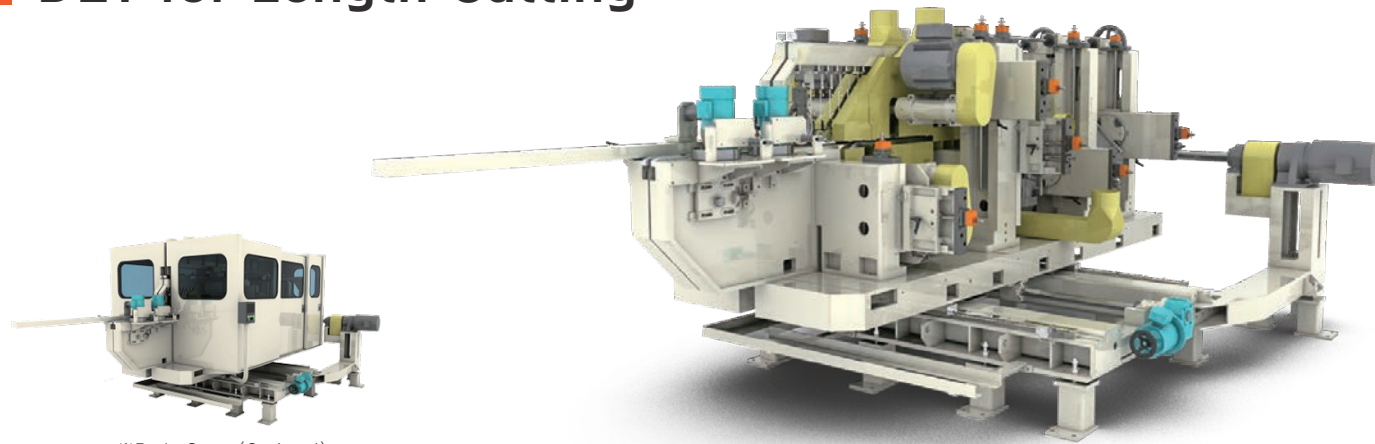
This machine processes tenon on both sides of materials with feeding materials on the caterpillar chain. It also processes various profiles, such as sizing, beveling, shiplapping with high accuracy and efficiency.

Moreover, our DET has excellent productivity and durability. Continuous operation for 24 hours is possible. Many customers use our DET for over 30 years with proper maintenance. Durability is one of our DET's strong points.

Our DET has a **98% market share** in the flooring field in Japan.

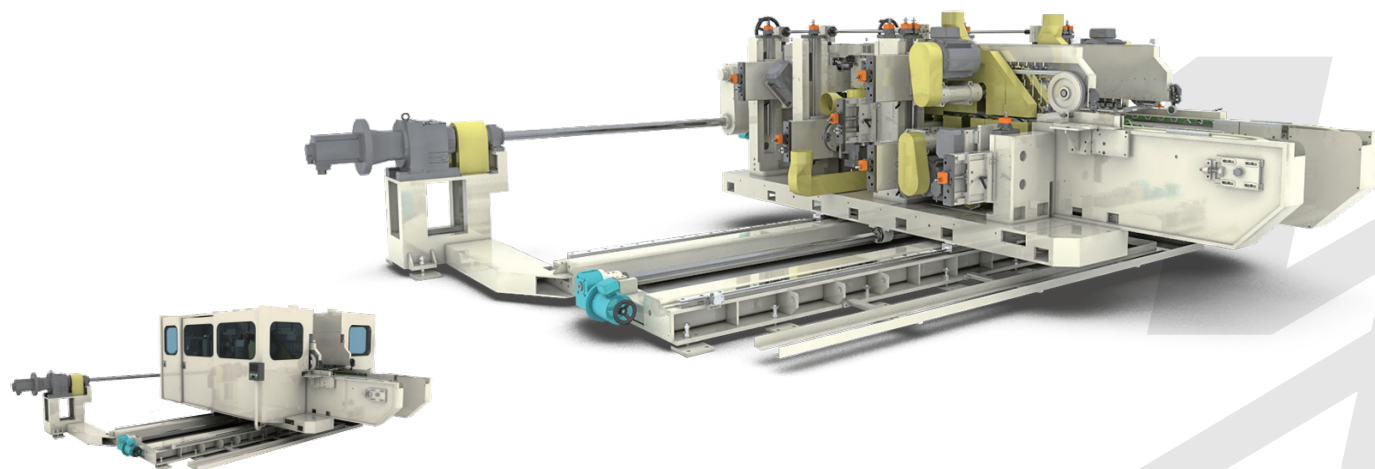
As to specifications, our products are made to order. Specifications would be determined by needs.

## DET for Length Cutting



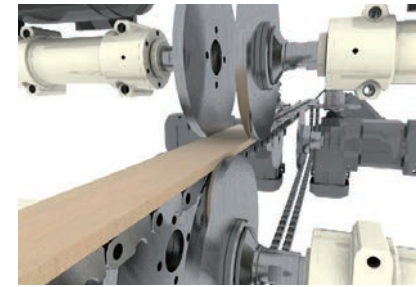
※Body Cover (Optional)

## DET for Cross Cutting



※Body Cover (Optional)

## Functions



### Various Main Spindles

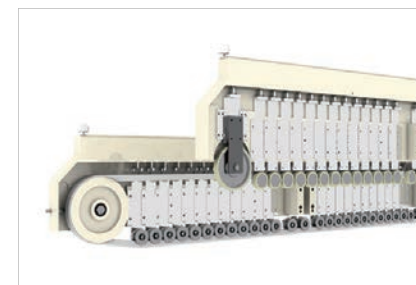
Various spindles specialized for hogging, molding and grooving. It's possible to achieve high accuracy in cutting by positioning the materials & caterpillar chain closest to the cutting surface.



### Caterpillar Chain

There are four different kinds of caterpillar chains, 75mm, 35mm, 30mm, 25mm. You can choose the width appropriate to materials' width. This is unique to our company not available from our competitors. It achieves to process with high accuracy.

\*The 25mm-width caterpillar chains are specially customized parts (negotiable).



### Hold Down Unit

Air Cushion Style keeps the maximum pressing and pushing allowance without deviation. You can choose from roller or pressure belt which depends on materials. This is an example below.

Roller Type — It's often used by DET for length cutting.

Belt Type — It's often used by DET for cross cutting.



### Inclined Spindles

Direct drive spindles can change angles.

In addition to beveling, it processes many different angles.

You can change angles easily with an inclined scale.



### Main Spindle Motors

You can choose a high frequency motor of direct drive type or belt drive type. As to a high frequency motor of direct drive type, you can easily change revolution speed by an inverter. (An inverter is an option) The belt drive type's speed is set by the pulley ratio.



### Dog Feed

As to cross cutting, it will be dog feeding on the long side basis. Each material is fed with two dogs on both sides of the caterpillar chain, so that the machine enables to be right angle processing with high accuracy.