TD DOUBLE FOLDER

From a modern long folding machine, customers demand high throughput, low manufacturing costs, high folding precision and flexibility.

The TD double folder offers customers just that. Automatically, efficiently and fast. The TD folds in both directions, up and down.

Based on Thalmann's unique kinetic control shaft technology, the TD ensures a high level of performance and synchronous force distribution over the entire length of the machine. Faster and smoother folding processes – without any loss of folding precision – are guaranteed by the exclusive dynamic folding technology (DFT).

- **TD DOUBLE FOLDER** models:
  125 | 150 | 200 | 250

- Maximum **FOLDING CAPACITY**:
  1.25 mm | 1.50 mm | 2.00 mm | 2.50 mm (at 400 N/mm²)
  0.049 in | 0.059 in | 0.079 in | 0.98 in (at 400 N/mm²)

- Standard **WORKING LENGTHS**:
  3.20 m | 4.20 m | 5.00 m | 6.40 m | 8.20 m | 10.00 m | 12.00 m
  10.5 ft | 13.8 ft | 16.4 ft | 21.0 ft | 26.9 ft | 32.8 ft| | 39.4 ft

- Maximum **INSERTION DEPTH**:
  1250 mm | 4.10 ft

MODULAR TOOL GEOMETRY

The curved clamping beam tool provides customers more freedom and variety in sheet metal profile production. With the additional folding clearance, profiles with an aspect ratio of e.g. 1:2 (height to depth) can be easily produced.

DOUBLE GRIPPER UNIT

For folding short sheet metal parts, TD models can be equipped with additional gripper units. Each single gripper can be extended by an additional gripper to a double gripper unit.

ELECTRIC LONGITUDINAL SLITTER

The decoupling of the longitudinal slitter from the folding beam provides more geometrical freedom and relieves the entire mechanics. Additionally, the decoupling increases the flexibility for the use of the hemming and roll former units.

EXTENDABLE HANDLING TABLE

Thanks to the extendable handling table, both very long and multiple sheets can be loaded, bent and removed simultaneously by just one operator. Sheet metal parts handling is simplified and the entire manufacturing process is accelerated.

DYNAMIC FOLDING TECHNOLOGY (DFT)

The simultaneous movement of several machine axes enables faster folding processes without loss of precision. DFT creates the conditions for high productivity, increased capacities and a smooth folding process.

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TAPERED GRIPPER FUNCTION

Even several tapered sheet metal profiles, that can be seamlessly sleeve into each other, can be produced quickly and easily at the same time.

Additional features, benefits and machine accessories can be found on www.**thalmann-ag**.ch. The door at Thalmann is always open for customers for a personal demonstrations and consultations.