

The background of the entire page is a photograph of industrial machinery, specifically a coil processing line. It shows large rollers and a continuous sheet of metal being processed. The lighting is bright, creating a clean and professional atmosphere. The machinery is partially obscured by a large, stylized graphic element in the bottom right corner.

# Coil Processing Expert



**TOA DR  
ENTERPRISE**

[www.slitterline.com](http://www.slitterline.com)

## ABOUT US

Chairman Chou Tao Chen established Tao Chen Industrial Enterprise in 1972 and changed the company name into existing Toa Dr Enterprise Co., Ltd. in 1983, converting his business from processing services to a product-making plant. With 52 years of continuing progressing, the company has now become increasingly specialized in the manufacturing of metal slitting machines and relevant whole plant sales in Taiwan. The company has also enjoyed several patent rights of its product lines as a result of continued research and development.

Toa Dr Enterprise Co., Ltd. do manufacture precision slitting machine and slitter knife, and to be highly praised and appreciated by our customers. To meet customers' requirements, we supply various type of slitting machines, slitter knives, spacers, and slitting relative accessories. All kinds of metal, bi-metal coils, SUS, titanium, CRGO, CRNGO and non-iron metal coils are easily slit by Toa Dr made slitting machines.



## Major Industries

To meet customers' requirements, we supply various type of slitting machines, slitter knives, spacers, and slitting relative accessories. Above products are made by "TOA DR". Slitting machine's capacity is 0.03mm thickness up and can slit all kinds of metal, bi-metal coils and non-iron metal coils easily. In order to raise ratio of utilization, we can manufacture customized slitting lines ( make-to-order. )

- Stainless steel, cold/hot rolled coils, aluminum, and copper alloy
- Metal coil processing plants
- Rare precious metal precision slitting, Titanium, Nickel alloy
- Silicon steel slitting in electrical industry

# Slitting Machine

## TDS-600



Type	TDS-400/500/600
Material Width	Max 415/515/615mm
Material Thickness	0.05 mm~1.0mm
Material Weight	Max 5,000Kg
Speed	customized
Cutting Method	cut-drive with two loops

## Slitting line Peripheral Products



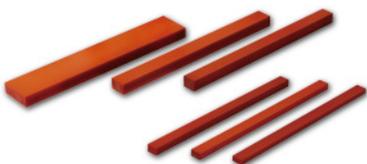
### Slitter Knives

Slitter knives are manufactured from a wide range of fine materials including Tool Steel, High Speed Steel, and Tungsten Carbide. Suit to process coils of ferrous, non-ferrous and rare metals in high speed slitting, such as carbon steel, stainless steel, titanium, nickel, aluminum, and silicon steel coils. TOA DR is good at quality and precision controlling. Knives can be produced to guaranteed thickness tolerance of  $\pm 0.001$  mm /  $\pm 0.00004$  inches with precision ground surfaces.



### Slitter Spacers

Slitter spacers are manufactured from carbon steel and alloy steel and are heat-treated to improve durability. Corrosion resistant spacers are available. Precision spacers can increase operating efficiency. The thickness tolerance of spacers are  $\pm 0.001$  mm /  $\pm 0.00004$  inches with ground surfaces.



### Bakelite Finger

Bakelite finger is set between slitter knives and to make processing coils out of knife-edge smoothly.

## TDS-400



Type	TDS-400
Material Width	415mm
Material Thickness	0.1 mm~2.5mm
Material Weight	Max 1,000Kg
Line Speed	60 M/min
Cutting Method	cut-drive with one loop



### Hydraulic Nuts

Hydraulic nuts are set onto slitter arbor with even pressure to maintain accurate clearances, and in order to increase efficiency.



### Separator Discs

Separator discs are manufactured from high carbon steel and alloy steel, and can be chrome plated after grinding to reduce friction between disc and slit edge.



### Stripper Rings & Rubber Spacers

Stripper rings are produced from Polyurethane, wear resistant and highly flexible. Rubber spacers are made from steel bonded with Polyurethane. Make processing coils out of knife-edge smoothly. Materials, dimensions, and hardness are made-to-order.



### Arbor for Resharping

Made-to-order



### Back-Glued Velvet

Back-glued velvet is used to stick on bakelite finger to protect coils surface.



### Wool Felt

Wool felt is set between tension pads to maintain tension and protect coils surface at the same time.



### Automatic P.E. Wrapping Machine

Model	Width	Internal Dia.	External Dia.
30	25~300mm	Ø350mm up	Ø500~1200mm
40	30~400mm	Ø400mm up	Ø600~1400mm
50	70~500mm	Ø500mm up	Ø650~1600mm
60	250~600mm	Ø500mm up	Ø700~1800mm



### Paper-core Cutting Machine

- » Paper-Core Dia : Ø300mm~Ø600mm
- » Paper-Core Thickness : 10mm~25mm
- » Paper-core Length : 1,220mm



### Automatic Reversing Machine

- » Automatic reversing machine mainly is used to turn coils in metal work industry.
- » Loading Weight : 5 tons & 10 tons



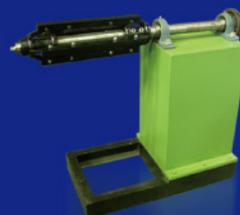
### Paper Sleeve Machine

- » Model : TDP-400 / 500 / 600
- » Loading Weight : Max 120 kg
- » Function : Gathering / feeding paper



### Turnstile

- » Made-to-order



### Small-type Uncoiler Machine

- » Jaw is expanded and shrunk by manual.
- » suitable for coming materials with an internal diameter of Ø200 mm ~ Ø300 mm; upright and reverse turnings are available.



## TOA DR ENTERPRISE CO., LTD.

☎ +886-2-2995-7607  
☎ +886-2-2995-5048  
✉ sales@slitterline.com

📍 No.24, Lane 30, Sec. 1, Guangfu Rd.,  
Sanchong Dist., New Taipei City  
241019, Taiwan, R.O.C.

dun & bradstreet

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