

Technical Specifications

Max. Paper Size	: 1050×750 mm	Horizontal foil stamping section performance specification
Min. Paper Size	: 400×360 mm	Max. Foil Width : 600 mm
Max. Cutting Size	: 1040×720 mm	Min. Foil Width : 25 mm
Max. Foil Stamping Size	: 1020×600 mm	Max. Length of Pull Foil : 1020 mm
Inner Chase Size	: 1080×745 mm	Max. Diameter of Foil : Φ200
Steel Plate Size	: 1080×736 mm	Foil stamping system&other comprehensive performance specification
Processed Materials	: Cardboard : 80~2000 g/m ²	Stamping temp. adjustable range : 0°C~200°C
	Corrugated Paper : ≤4mm	Heating zones : 12
Max. Pressure	: 300 N/cm ²	Heated Plate Power : 24
Gripper Margin	: 8 mm	Total Power : 57
Max. Working Speed	: 7500 s/h	Voltage Requirements : 380V
Total Weight	: 16.8 T	Air compressor : 0.8 Mpa, 0.36m ³ /min
Dimension (L×W×H)	: 7060×4200×2230 mm	
Max. Feeding Pile Height	: 1550 mm	
Max. Delivery Pile Height	: 1400 mm	
Foil Shaft	: V3+H2	
Vertical foil stamping section performance specification		
Max. Foil Width	: 1020 mm	
Min. Foil Width	: 25 mm	
Max. Length of Pull Foil	: 700 mm	
Max. Diameter of Foil	: Φ 240mm	

Features at a Glance

1. Pneumatic Clutch

The high quality pneumatic clutch reduces noise and minimizes impact when stopping the machine at a high speed.



2. Lubrication System

With a programmable lubrication system, the accurate control of PLC ensures balanced lubrication of the machine.



3. Vacuum Pump

Imported system, reduces noise, provide high performance and long life.



7. Gripper and Chain

The grippers are made of special extra hard aluminum alloy, with anode treatment on the surface, ensuring accurate die cutting and embossing, etc. at high speed. The adjustment mechanism, patent design guarantees very accurate control. An imported chain is used for the main gripper transmission and 45% increased strength for accuracy and stability.



8. Quick Changed Foil Device

Vertical under foil frame could be pulled out of machine, so that it could make the foil work more convenient.



4. Segmentation & Torque limiter

High Precision Segmentation and Torque limiter prevent the damage from outer force of the gripper.



5. Electrical Cabinet

All Electric Component are top of the line product with world class quality standard.



6. Plates Quick Change Device

Shorten the time for changing Plate, Improve the production efficiency.



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**EXTRA
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& Die Cutting Machine**

Automate your Packaging Line with Autoprint Dextra 105 HF

Autoprint in order to meet various request of printing and packaging market, we designed Dextra 105 HF Automatic Foil Stamping Die Cutting Machine, which is the greatest research and development and manufacturing of new equipment with a higher degree of intelligence. This machine adopts numerous advanced pneumatic and servo driving processing technology from abroad. After the strict assembly quality control, it has advantage of simple operation and safe reliable. It can do creasing, kiss cutting, Foil Stamping and die cutting. It can work with substrates such as paper, cardboard, corrugated paper below 4mm, pasting paper, laminating paper from 80 GSM - 2000 GSM Machine builds quality and Design ensures that it works stable and safely even at 7000 sheet per/hr.



MACHINE FEATURES:

1. FEEDER/FEEDING SECTION

- * Imported high precision from Taiwan.
- * Adjustable suction height and angle.
- * Non stop paper feeding device.
- * Imported air blowing device ensuring smooth paper travel.
- * Pre piling option Available.

2. FEEDING POSITIONING SECTION

Incline type paper moving table is suitable for thin paper to travel at high speed .

Pull type and push type side-lays available which can be used according to paper type.

3. CUTTING SECTION/HORIZONTAL AND VERTICAL FOIL STAMPING SYSTEM

The system adopts advanced technology with a single gripper position, allowing precise front-and-back registration adjustment. Both horizontal and vertical hot stamping units are equipped with dual-axis mechanisms and feature waste foil collection on the operator side, ensuring convenient and efficient operation. The system includes 12 electric heating zones, each with an independent pneumatic timing temperature controller for precise heat regulation. A servo-driven foil-feeding system, integrated with a motion controller, enables real-time tracking to match machine speed variations—ensuring smooth and accurate foil delivery.



SAFETY, QUALITY & PRODUCTIVITY

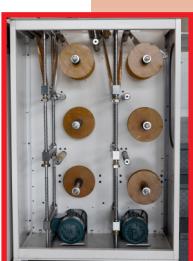
4. FOIL STAMPING/ DIE CUTTING SECTION

The driving gear ensures high speed of die cutting. The pneumatic locking mechanism and air clutch are fast and stable. The die cutting frame will prevent the die cutting plate from drooping or separating effectively.



5. REWINDING DEVICE

The device features a brush-type foil rewinding function and is equipped with a re-coil waste foil collection unit. The buffering mechanism helps prevent foil breakage during operation.



6. DELIVERY SECTION

Equipped with set counter. Adjustable brush and sheet air blowing device to enable neat filing. Non stop paper delivery allowing max productivity.

