Codar
Printing Equipment

AUTOMATIC

DIE CUTTING MACHINE

LH-800E

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The LH-800E is fully automatic die-cutting machine can reach a maximum speed of 7000 sheets/hour, suitable for 0.1-2mm paper and corrugated paper below 4mm. The equipment introduces advanced technology from Taiwan, China and Switzerland, and adopts high-end software and hardware configuration.

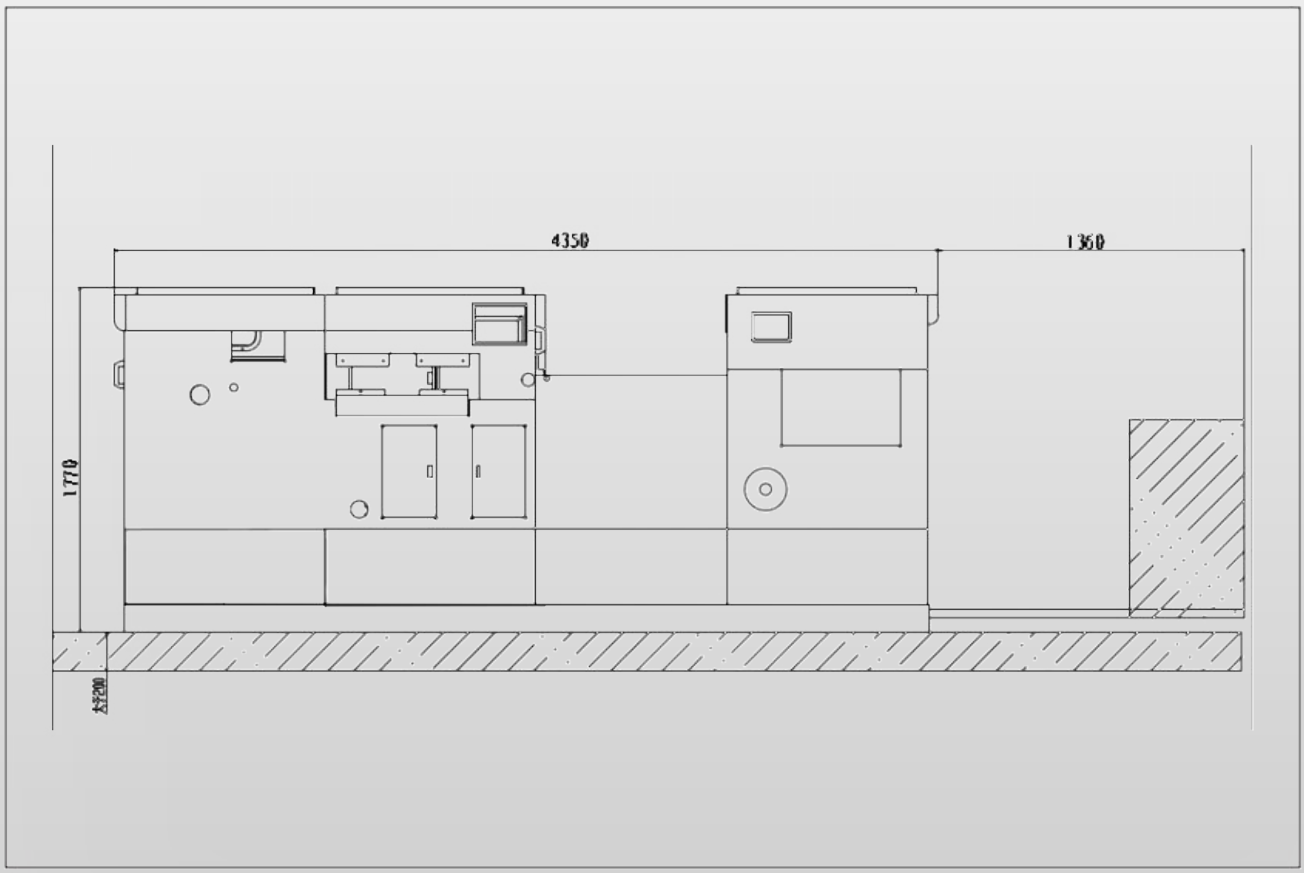
The entire machine is equipped with a middle line fast positioning and non-stop paper feeding and receiving device, which brings fast economic returns with shorter order changing time and continuous productivity.

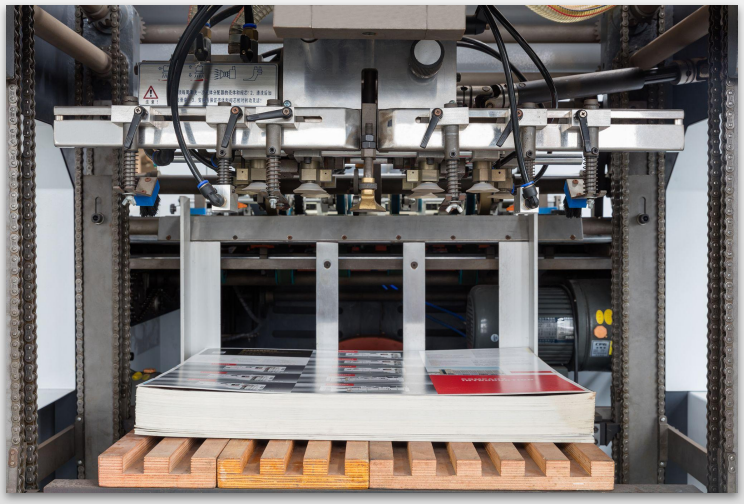
The transformation of equipment automation has reduced the increasing labor costs for you, and also solved the shortcomings of traditional manual indentation machines such as slow speed and low safety factor, allowing you to experience the charm of high-speed and safe production. In the era of meager profits, seize the opportunity for you and grasp every minute that determines the outcome.

Specifications

Processed materials		
Carton	Range	0.1-2 mm
Corrugated board	Max.	4 mm
Capability		
Sheet size	Max. Min.	800 x 620 mm 340 x 260 mm
Cutting Size	Max.	770 x 600 mm
Speed		7000 s/h
Precision		±0.1mm
Cutting force		200 N/cm²
Pile height		
Feeder	Max.	1150 mm
Delivery	Max.	1000 mm
Dimensions & weight		
Dimensions		4350×2000×1690 mm
(Length+preload rail * Width+platform * Height)		
Net weight		8.5 tons
Electricity and Air Consumption		
Main Motor Power		12.75KW
Total Power		380V 50HZ 3-phase
Air Consumption		0.6—0.8 MPa ；0.36m³/min
Others		
Gripper Margin	Min.	8 mm
The height of knives		23.8 mm
Distance Between the first knife to the wooden edge		
Inner Chase Size		820×628 mm
Bottom Steel Size		826×628 mm

LH-800E Ground Plot





HIGH SPEED FEEDER

1. High speed feeder head with 4 suction and 4 feeding nozzles. The paper feeding is stable and smooth, and the height and angle of suction nozzle can be adjusted accordingly

Feeder head can be slightly adjusted in front and back

2. The non-stop paper feeding system can realize the continuous operation of the machine without stopping the machine to load paper

3. Equipped with Japanese Mitsui paper feeding clutch, the operation is faster and more convenient

4. Double sheet detection device

5. Electric fine adjustment of paper feeding pile, left and right fine adjustment

6. The front gear can be switched and the front speed reducer is in place, which is conducive to the positioning of high-speed tissue paper

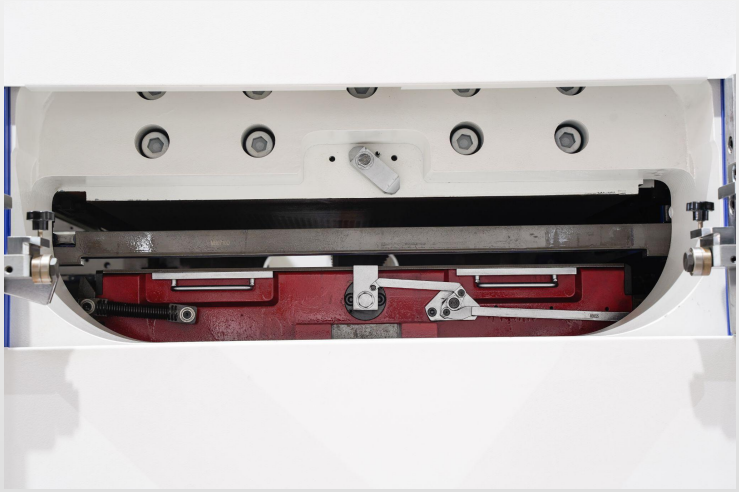
FEEDING POSITIONING SECTION

1. The deceleration mechanism before the paper feeding positioning of Feeder, ensures the positioning accuracy of the paper feeding position

2. The side positioning adopts Taiwan's original push-pull side gauge device, which is selected according to the paper, and is easy to switch

3. Inclined paper feeding table design is more suitable for high-speed paper conveying and positioning

4. Front gauge positioning can be adjusted individually



DIE CUTTING SECTION

1. Electric pressure regulation, Japanese Omron pressure control system, with higher accuracy

2. The fast positioning of the middle line makes the plate change faster and saves the plate change time

3. Pneumatic fast locking plate

4. The main parts of the heart (crankshaft, worm, worm gear, elbow shaft) are made of imported high-grade alloy materials

5. The die-cut steel plate hardness HRC45-47 is accurate and durable, and adopts the lock close to one side

DRIVING SYSTEM

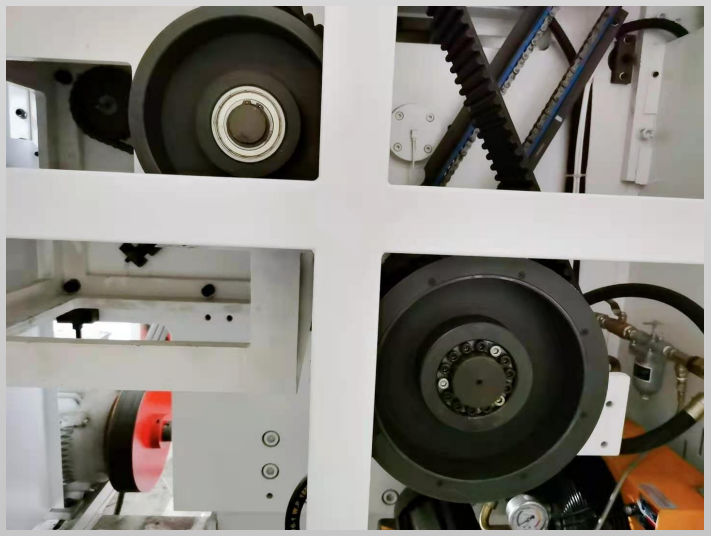
1. High precision indexing driving box

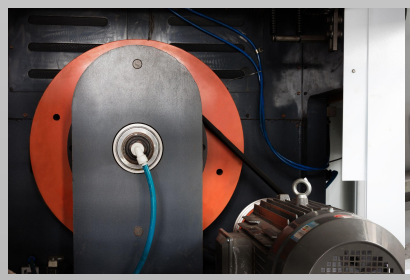
2. Torque limiter protection system

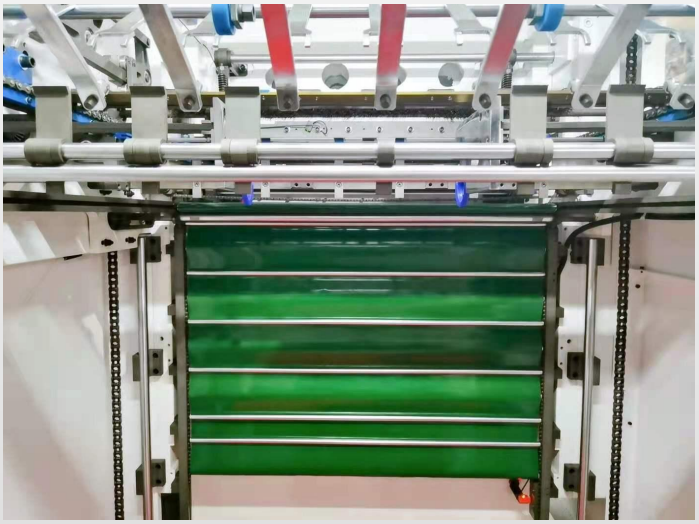
3. TECO Brand motor from Taiwan

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

5. Belt driving system







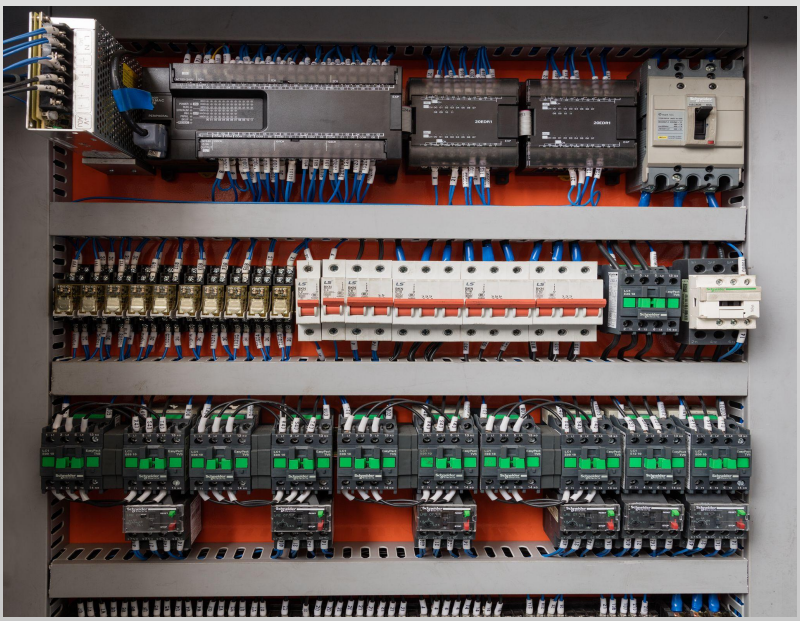
DELIVERY SECTION

1. Non-stop delivery device
2. The flat and down air blowing is adjustable, and the finished product of the paper receiving section is stabilized by using the segmented adjustable brush and the paper flattening blowing device
3. Paper return detection device
4. Optional labeling machine
5. Main chain automatic lubrication system
6. Pneumatic sampling

ELECTRIC CABINET

1. PLC controls the operation of the whole machine and the fault monitoring system

2. Advanced European and American national safety standards (CE standards) are adopted for electrical components and electrical circuits



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