

AUTOMATIC DIE-CUTTING MACHINE

MYP-1100/800

Automatic Die-cutting and Creasing Machine with Stripping



About the Machine:

This is a fully automatic die-cutting and creasing machine with stripping unit. During the production, after die-cutting/creasing the machine removes extra waste material in the stripping unit area. This greatly enhances the production efficiency of the machine. This is particularly beneficial for complex jobs. On one hand it increases the productivity and on other hand it reduces wastage and labor cost substantially.

MAIN FEATURES

1. During the production, after die-cutting/creasing the machine removes extra waste material in the stripping unit area
2. Stripping frame is pneumatically lifted. It also is equipped with center positioning device. It is easy to operate and also shortens the preparation time.
3. Pre-installation table is optional, it is equipped with center positioning device and has ease of stripping board installation.
4. Latest design of stripping process, no problem of loose versions in case of low speed stripping.

MYP-1100/800

Automatic Die-cutting and Creasing Machine with Stripping

SPECIFICATIONS

MODEL	MYP-1100	MYP-800
Max. Paper Size	1100x780mm	800x640mm
Min. Paper Size	400x370mm	320x260mm
Max. Die-cutting Size	1090x770mm	790x620mm
Max. Die-cutting speed(s/h)	7000	8000
Max. Stripping speed (s/h)	6000	6500
Max. Pressure (T)	350T	200T
Die-cutting Precision	±0.1mm	±0.1mm
Max. Feeding Pile Height	1350mm	1230mm
Max. Delivery Pile Height	1200mm	1000mm
Sheet Thickness (mm)	Corrugated Paper 4 Cardboard: 0.1-1.5	Corrugated Paper 4 Cardboard: 0.1-1.5
Weight (T)	16.5	10.5
Total Power (kw)	20.15	13.0
Dimensions	5800x2070x2250mm (without pedestal)	5000x2100x1800mm (without pedestal)

With the continuous products improvement of technical configuration, data, appearance can change.

LSQ-1100/800

High Speed Two Seater Waste Removing Machine

MODEL	LSQ-1100	LSQ-800
Max. Paper Size	1100x780mm	800x640mm
Min. Paper Size	400x150mm	400x150mm
Max. offline specifications	400 X 400mm	400 X 400mm
Min. offline specifications	40X 60mm	40x60mm
Stripping speed (s/h)	1-25/min	1-25/min
Max. working Pressure	2 T	2 T
Total Power (kw)	2.5kw	2.5kw
Weight	2000kg	1900kg
Dimensions	3700 x 1400 x 2200mm	3000 x 1400 x 2200mm

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LSQ-1100/800

High Speed Two Seater Waste Removing Machine



ABOUT THE MACHINE

LSQ-1100/800 High Speed Two Seater Waste Stripping Machine is designed according to international standards keeping in view the design of various waste stripping divided box machines and after weighing their advantages. This is a new generation machine with cross platform, X,Y two axis servo motor, strong power and maintenance free. Precision ball screw allows accurate and efficient waste cleaning.

MAIN FEATURE

1. The frame is made of steel plate with laser cutting. The steel plate is thick which prevents body trembling. The thick steel plate makes the machine more strong and stable.
2. Die cutting board eliminates the need to add stripping scrap knife, paper integrity is improved. It also improves the pipeline speed.
3. Less paper bending during waste stripping process, easier to order, reduces the box folding following process work.
4. High speed of waste stripping.
5. High quality blanking and waste stripping work. Prevents the finished product from scratch, press break, deformation and uneven corners.
6. Greatly reduces the labor cost and increases the productivity.

1. **Speed** : Waste stripping speed 25/min, the speed of the waste stripping depends on the speed of the operator taking off the product.
2. **Precision**: Positioning high-precision: 0.05mm, weight accuracy: 0.05mm, the above parameter accuracy depends on the type of printing, material composition, material thickness and shape.
3. **Operating system**: mPLC numerical control data.
4. **Power supply**: Three phase 380V



Stripping Bottom Frame guide: Adopt Taiwan famous linear guideway brand, instead of the traditional linear bearing and copper sleeve, which makes the stripping frame moves smooth, stable and greatly improve its service life, the service life of the linear guideway is 10 times of linear bearing or copper sleeve.



Stripping unit: humanized design, using three frame structure, stable, easy operation. In addition, the upper and lower frame can be minor adjustment, more practical and operable.



Main drive. The material of the worm gear use the high quality wear-resisting alloy copper, by the precision machine tool processing, the senior technician fine scraping, small wear and high precision High-frequency quenching treatment for crankshaft with chromium steel, long service life. The pendulum pole is cast by the ductile iron, high strength, wear-resisting durable.



Gripper bar: Adopt Hard aluminum alloy to make the gripper bar, strong and light, can deliver the paper stable under high speed. Unique designed gripper bar positioning with cam curve low noise, long life.



Electrical unit: The whole machine adopts the Japanese OMRON PLC program control, frequency conversion speed regulator. Various electrical components, testing switches are used with Japan, France, Taiwan and other companies famous brand. Accurate operation control with stable performance.



Feeder: It adopts European technology, four-suction and five-send for cardboard, corrugated dual-use. All kinds of suction angle can be adjusted without stopping the machine to ensures stable suction and applying to different thickness of paper.



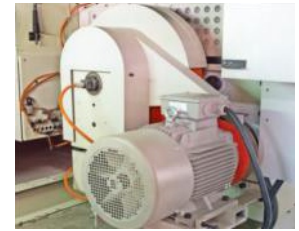
Man-machine interface: This machine uses the imported high resolution human-machine interface to carry on the Man-machine exchange, can carry on the real-time dynamic monitoring display to the machine's running state, make the machine adjustment and the breakdown elimination convenient fast, safe reliable.



Worm: The material of the worm adopts German high quality alloy structural steel, and processed by Taiwan Precision tool, manufacturing by the special heat treatment craft. High precision, long service life and little wear.



Worm gear : The material of the worm gear is Taiwan precision casting alloy bronze, with good abrasion resistance and adhesion. Precision processing by the senior technicians fine scraping. High precision, no noise and little wear.

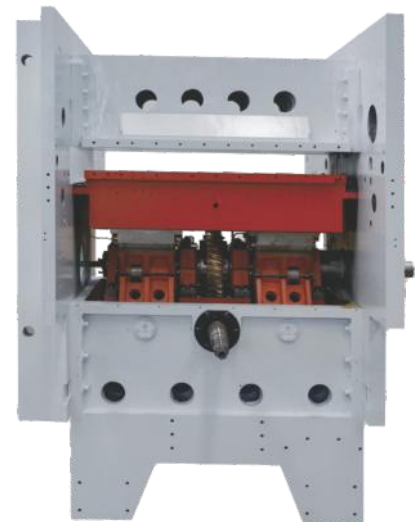


Pneumatic clutch: Imported pneumatic clutch, long life, low noise, stable braking, clutch fast, large transmission force, comply with the European export standards.

SPECIFICATIONS

MODEL	MY-1100	MY-800
Max. Paper Size	1100x780mm	800x640mm
Max. Die-cutting Size	1090x770mm	790x620mm
Min. Paper Size	400x370mm	320x260mm
Max. Die-cutting Size	7000 sheet/h (cardboard) 6000 Sheet/h (corrugated)	8000s/h
Sheet Thickness	Cardboard 0.1-2.0mm Corrugated < 5mm	Cardboard 0.1-1.5mm Corrugated < 4mm
Max. Pressure	350T	200T
Die-cutting Precision	±0.1mm	±0.1mm
Max. Feeding Pile Height	1350mm	1230mm
Max. Delivery Pile Height	1200mm	1000mm
Total Power	18kw	12.75kw
Weight	14.5T	9T
Dimensions	5450x2320x2200mm (without pedestal)	4310x2100x1800mm (without pedestal)

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