

DIE CUTTING & CREASING MACHINE

No. 0301

ZX800M Automatic die cutting and creasing machine

DESCRIPTION

1. ZX800m automatic diecutting and creasing machine is key equipment which is designed for die-cutting, creasing and cold embossing paper products such as paper cassettes, boxes and labels etc.
2. Unique drive gear are adopted such as high-precision indexing mechanism and pneumatic clutch to ensure stable and high speed running of the machine.
3. This machine is equipped with practical and reliable mechanisms such as secondary feeding device, speed changeable paper feeding mechanism, secondary delivery mechanism and pneumatic sampling device, which ensure the excellent performance of the machine.
4. Electrical components and driving element of international famous brands are adopted to ensure die cutting precision and reliability of running. Man-machine interface is also used to monitor and to display running status, trouble shooting and relevant help information to fully actualize man-machine communication.

Delivery part:

Delivery part with side even and back even devices ensures that paper delivered orderly. Turn-over hairbrush mechanism can stability the delivered sheets. The secondary delivery mechanism speeds up the efficiency of work by non-stop delivery. Pneumatic sampling mechanism can actualized the inspection of die cutting sheets at any time.

Feeding part:

The feeding device is designed for feeding all kinds of sheets with high speed. The secondary feeding mechanism can actualize non-stop constant feeding. Reliable separating device and four to eight suckers ensure better applicability of feeding. Convenience for adjustment of pressure reed and hairbrushes location ensures the reliable sheet separating and smooth feeding.



Specification

Max. paper size	800x620mm
Min. paper size	350x290mm
Max. cutting size	790x610mm
Max. cutting speed	8000s/h
Die. cutting precision	±0.1mm
Pressure	200T
Sheet thickness	0.1-1.5mm≤4mm
Net weight	9T
Total power	12.75kw
Overall dimension	4310x2100x1800mm

No. 0302

ZX1020C Automatic Die Cutting and Creasing Machine

DESCRIPTION

1. Programmable controller is incorporated to realize fully automatic feeding, die cutting, delivery, malfunction display and diagnose etc.
2. The unique designed cam intermittent device ensures a high die cutting precision as well as a smooth running of gripper bars.
3. The main motor is controlled by transducer, which can do steeples speed change.
4. The bearings and chains of main drive, PLC, transducer as well as electric switches are imported.
5. Many sensors and safety devices are set on the machine to ensure a safe operation.

Part introduction:

1. Feeder:

Fast, stable and easy to be adjusted, specialized design in inner kinetic componets, reliable sheet separating mechanism and 4-8 optional suckers ensure it works more stable and accurately even at high speed. Operators will operate with ease as air volume at each part is designed to be adjustable individually.

2. Paper Conveying Part:

The feeding and conveying paper is stable and precise in registration. Paper's position can be adjusted in the course of running. The paper registration adopts push or pull dual-way device.

3. Die cutting and Creasing Part:

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

4. Paper Delivery Part:

Paper's delivery is automatic and orderly. Efficiency can be greatly increased by non-stop piling system. Paper sheets sampling can be done without stop by sample taking devices.

5. Electric Control Part:

Computer control is adopted which can keep paper's feeding, conveying, die cutting and delivery in automatic control and on-line inspection. There are various safe guarding device (horn and light) and auto-stop system to ensure the safety of man and machine.

6. Main Chain Drive:

The main chain is imported from Germany. It has the feature of high loading, high precise, equal joints, and long wear and tear time. The intermittent system adopts parallel three-cam indexing mechanism with high precision. The curve of cam is designed specially and the cam stroll angle is big enough to achieve smoother running of gripper bars.



Specification

Max. paper size	1020x720mm
Min. paper size	400x370mm
Max. cutting size	1010x710mm
Max. cutting speed	6000s/h
Die. cutting precision	±0.1mm
Max. working pressure	250T
Max. feeding pile	1100mm
Max. delivery pile	1040mm
Sheet thickness	Cardboard 0.2-1.5mm Corrugated paper ≤4mm
Net weight	3.8T
Total power	17kw
Dimensions	4500x3730x1900mm

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!