

Volmas Packaging

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Item Introduction

Model: 1050E

Automatic die cutting machine



Machine introduces:

In order to meet various request of printing and packing market, we designed 1050E Automatic 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 could crease and die cutting after printing products, such as more than 80g/m² paper, cardboard, corrugated paper below 4mm, pasting paper, laminating paper and so on.

Good quality and design make machine work stably and safety when machine's speed reach 7500 sheets/h. This machine will provide you to enjoy the comfortable operation and faster return on investment.

Machine Parameters	
Max. Paper Size	1050×750 mm
Min. Paper Size	400×360 mm
Max. Cutting Size	1040×720 mm
Inner Chase Size	1080×745 mm
Steel Plate Size	1080×736 mm
Processed Materials	Cardboard: 80~2000 g/m ² Corrugated Paper: ≤4mm
Max. Pressure	300 N/cm ²
Gripper Margin	8 mm
Max. Working Speed	7500 s/h
Total Power	20 kw
Total Weight	16.0 T
Dimension (L×W×H)	6000×4200×2100 mm

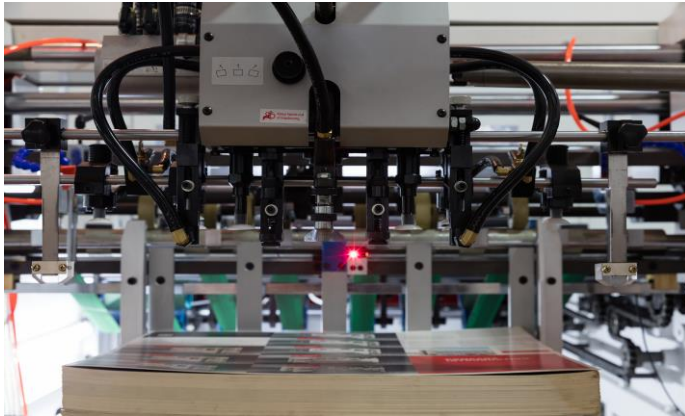
Configuration:

No.	Accessory	Brand	Place of Origin
1	Photoelectric Switch	SUNX	Japan
2	HMI	WEINVIEW	Taiwan
3	Button	SCHNEIDER	France
4	A.C. Contactor	SIEMENS	Germany
5	PLC	MITSUBISHI	Japan
6	Electric Horn	QLIGHT	Korea
7	Magnetic Valve	SMC	Japan
8	Oil-water Separator	AIRTAC	Taiwan
9	Motor Breaker	SIEMENS	Germany
10	Main Motor	TECO	Taiwan
11	Gear Motor	CPG	Taiwan
12	Oil Pressure Switch	ARK	Korea
13	Pneumatic Clutch	OMPI	Italy
14	Paper Feed Clutch	MIKIPULLEY	Japan
15	Torque Limiter	JASU	Taiwan
16	Indexing Drives	TAN TZU	Taiwan
17	Vacuum Pump	EUROVAC	Taiwan
18	Feeder	YONGCHUAN	Taiwan
19	Feeder Nozzle	SILENT	Sweden
20	Tooth Row Drive Chain	RENOLD/IWIS	Britain/Germany
21	Other Drive Chain	TYC	Taiwan
22	Tooth Row	JASU	Taiwan
23	Bearing	FALA/IKO	Germany/Japan
24	Rotary Joints	DEUBLIN	America
25	Timing Belt	MEGADYNE	Italy
26	Paper Feed Belt	CODONBELT	Switzerland
27	Mould Coil Spring	TOHATSU	Japan
28	Worm&Worm Wheel	LIMING	Taiwan
29	Oil Temp.Conditioning System	WLP	Taiwan
30	Cooling Fan	SUNON	Taiwan
31	Pull lay	JASU	Taiwan
32	Lubrication Pump	JIGUANG	Taiwan
33	Encoder	OMRON	Japan
34	Sealing Ring	CTY	Germany
35	Frequency Converter	HPMONT	Joint-venture
36	Body Material	Ductile Iron QT600-3	

Note: the accessories of machines can be changed in the process of upgrading, with no less than the existing brand quality, the seller will reserve the right, no longer separate notification.

Machine features:

1. Feeder/Feeding Section



- * Taiwan imported high precision Feeder
- * Four suction nozzles, four sending nozzles, ensure feed smoothly.
- * Suction angle and height is adjustable
- * Non-stop paper feeding device
- * Import screw air-blowing device, it could make the sheet send smoothly.

The design of stacker preparatory stage was improved, it could use prepared car sheet piling. Also could use ordinary hydraulic car sheet piling to stacker directly.



2. Feeding Positioning Section



The incline-type paper moving table top is more suitable to high-speed thin paper and location. Side location adopt dual purpose side device with pull guide and push guide, accounting to paper choose, it makes switch easier. It could switch front rise position arriving reduction of speed device, it is benefit of thin paper's location.

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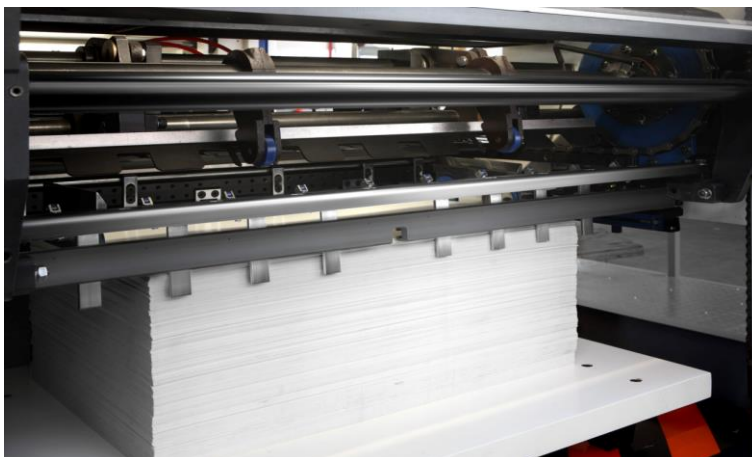


3. Die Cutting Section



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

4. Delivery Section



Delivery section add tester into security system. It is equipped with inset counter. Using subsection could adjust brush and sheet air-blowing device, so the finished product of delivery section could product stably. Gripper drive train expanded buffer device. NON-STOP PAPER DELIVERY BRING HIGH RETURN!

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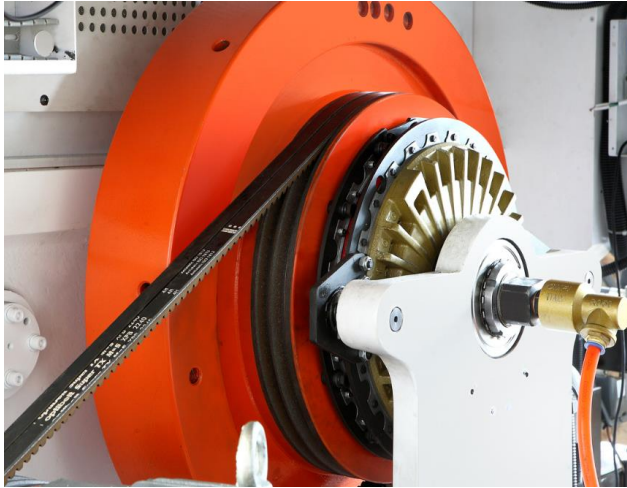
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Other important features:



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. Air Pump

Adopt imported equipment, improve the stability of the machine, low noise, high performance, long service life.

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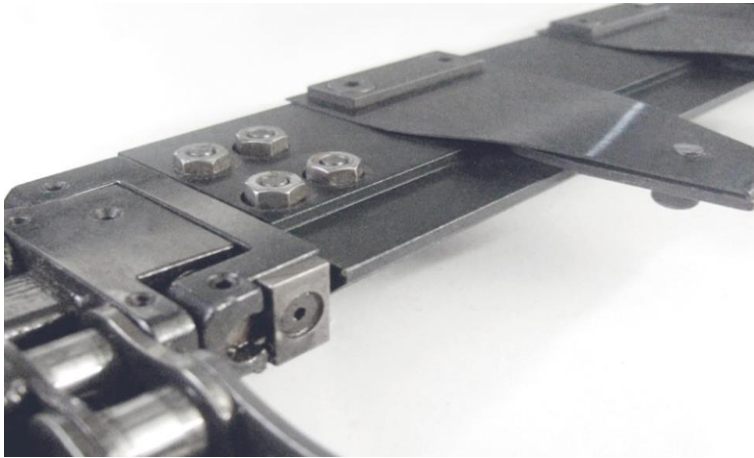
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4. Gripper and Chain



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