

Capability	<ul style="list-style-type: none"> -Card packaging -Print a variety of variables on the package -Capability to install a feeder on the card - Capability to connect to a variety of databases in order to received information -Capability to install the camera to precisely control the print on the card

CD-5260 Paper Plastic Packing Machine



Introduction:

It is an ALL in one automatic card blister packaging system (Form/ Cut blister form/Product feed/Card supply//Seal) designed to meet a wide variety of packaging applications with high efficiency at economical price.

Just in time blister forming eliminates pre-form blister inventory.The plastic forms are placed in a die which is 28(or 32) pieces consisted a crawler-type circle. Thus the machine can perform fast and steadily.

Each card is fixed by accurate alignment dowels.

On the sealing station, we use our unique type to make each pack sealed 2 times. The sealing result will be much firmer than the type of sealing 1 time.



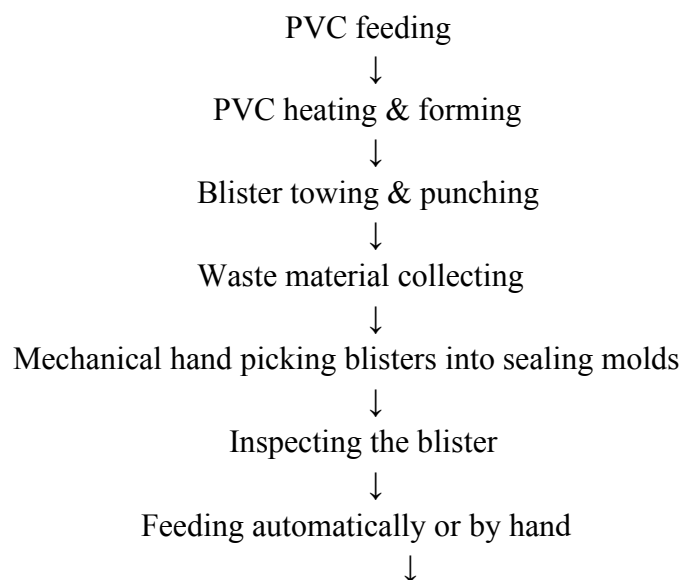
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The blister packing machine has installed the clutch to shut down the machine when any fault. So the machine never muddle up in production.

Application:

It is suit for daily use, stationery, minor hardware, cosmetics, medicines, as well as battery, toothbrush, pens, glues, plug base, bearing, etc. to improve the grade of the finished products.

Work flow:





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Feeding & inspecting cardboard



2 times heating under high pressure



Finished products

Technical specifications:

Item	Data
Speed	10-18strokes/min
Packing Material Size(PVC)	(180-520)*(0.3-0.6)mm Max.diameter 500mm, inside diameter 75mm Can be adjusted according to the products
Cardboard Spec.	600*150mm, 200~700g (Single side coated with hot melt adhesive)
Max.Forming size	Length 500*Width 220*Depth 30mm
Travel range	40~220mm
Compressed air	0.55-0.8Mpa (dry, no oil, clean air supply, prepared by customer)
Air consumption	0.5m ³ /min (prepared by customer)
Vacuum supply	Pumping rate > 240L/min
Total water consumption	18L/H (For cooling mold) Chiller 0.5KF (prepared by customer)
Power supply	380V 50Hz 3Phase 5wires
Total power	12KW 30A (will be different as to different configuration)
Setting environment	Relative humidity45~65%,Temperature < 40℃
Machine size	L6400×W1300×H1900mm (L*W*H)
Machine weight	Approx.4000Kg

**Electric components:**

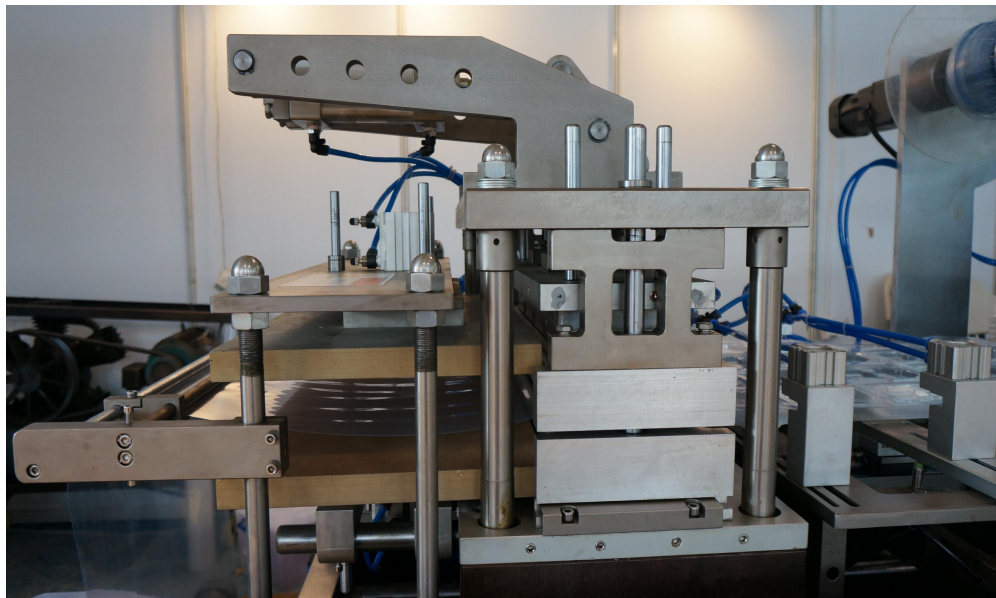
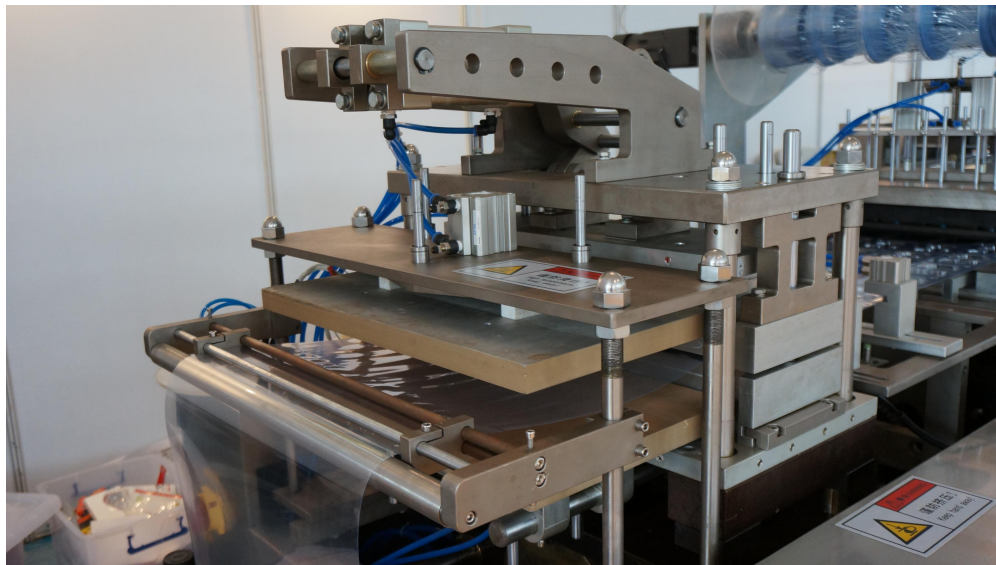
No.	Item	Model	Qty	Brand
1	PLC	PLC	1	Mitsubishi
2	I/O Expansion module		1	
3	Temperature detection module		1	
4	Touch screen	MT8010iMV	1	
5	Circuit	OSMC32N3C32		CHNT
6	Circuit	OSMC32N3C16		CHNT
7	Circuit	OSMC32N1C6		CHNT
8	Contactora	CJX2-1810/220VAC		CHNT
9	Thermal Relay	NR4-63/2.5-4A		CHNT
10	Miniature Relay	JQX-13FD		CHNT
11	Solid State Relay	SSR-25DA	6	CHNT
12	Radiating Plate	Four-way radiating plate	6	Huanan
13	Switching Power Supply	S-50-24	1	Chenglian
14	Main Motor	1.5KW	1	Taiwan
16	Proximity Switch			Ruixiang
17	Photoelectric Proximity Switch			
18	Emergency Stop Button	SB2-BS542	1	Schneider
19	Start Button	SB2-BS31	1	
20	Stop Button	SB2-BL42	2	
21	Inching Button	SB2-BS32	1	
22	Vacuum Solenoid Valve		4	SMC
23	Solenoid Valve		Several	SMC
24	Vacuum Pump	240L		Ruixu
25	Small Motor		1	ZBG
26	Thermocouple	WRNT-002/2500 (auger-type)		Chaoguang
27	Heating Tube			Customized

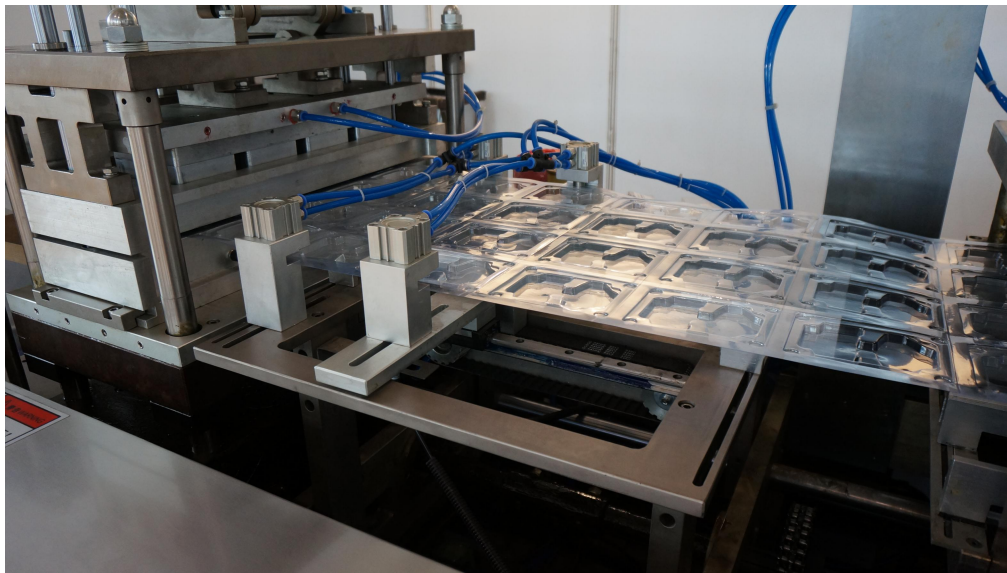
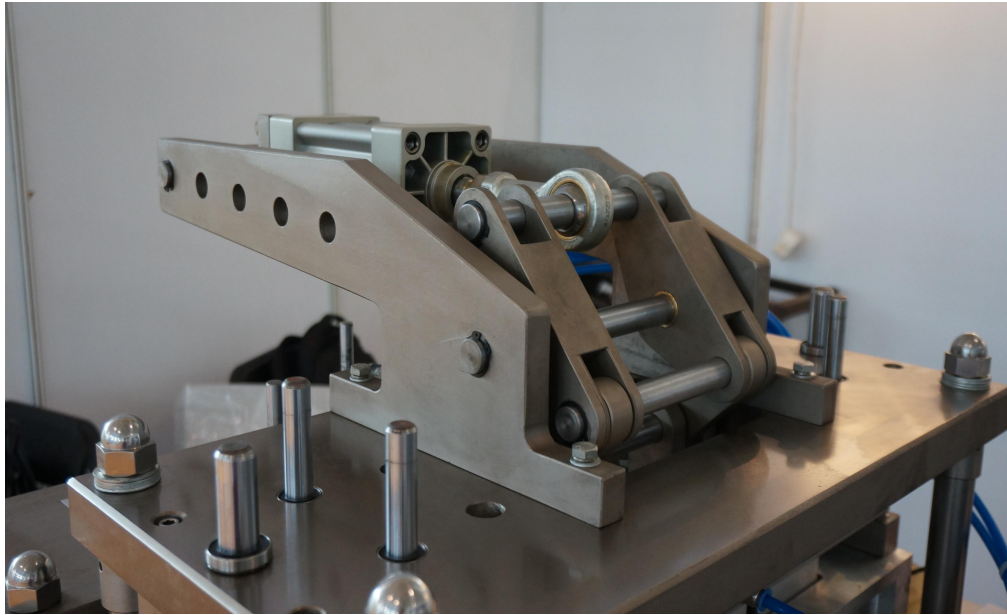


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28	Cylinder		Several	SMC
29	Encoder		1	OMRON
30	Servo Motor Kit	1.5KW		Yaskawa
31	Servo Motor Kit	750W		Yaskawa

Each Station Introduction:

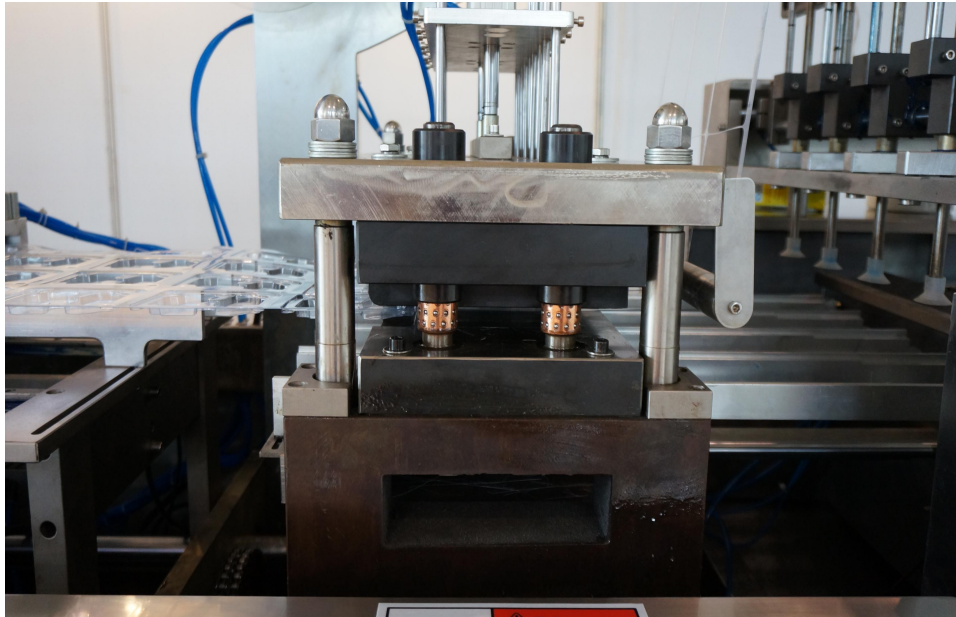




No.1: PVC preheating station. / Up and down heating / Blister forming station.



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No.2 PVC Traction Station.Servo motor driven.





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No.3 Blister Punching Station.





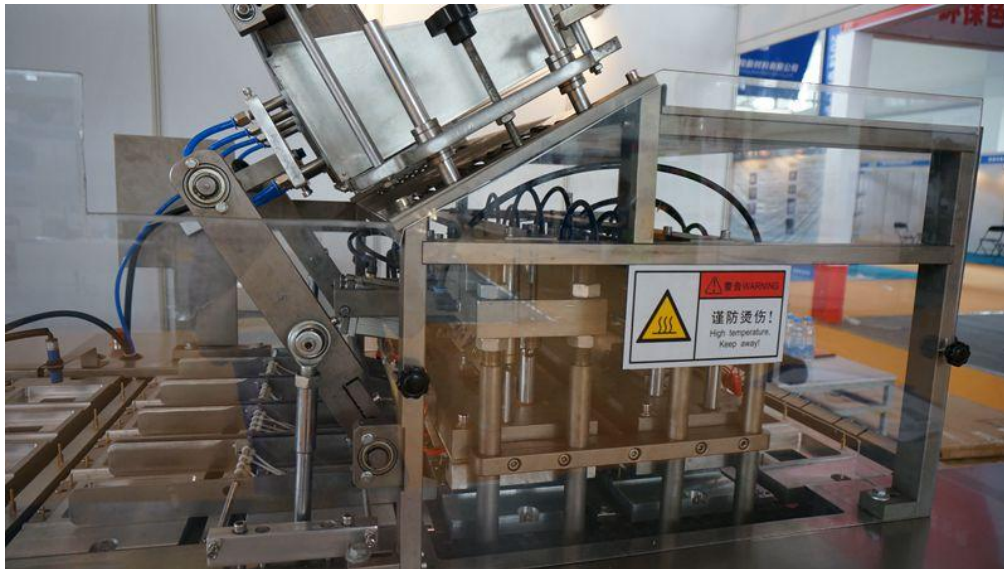
No.4 Blister Spreading Station



No.5 Loading Station.



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No. 6 Blister Card Heat Sealing Station