

DZH-120

Automatic Cartoning Machine

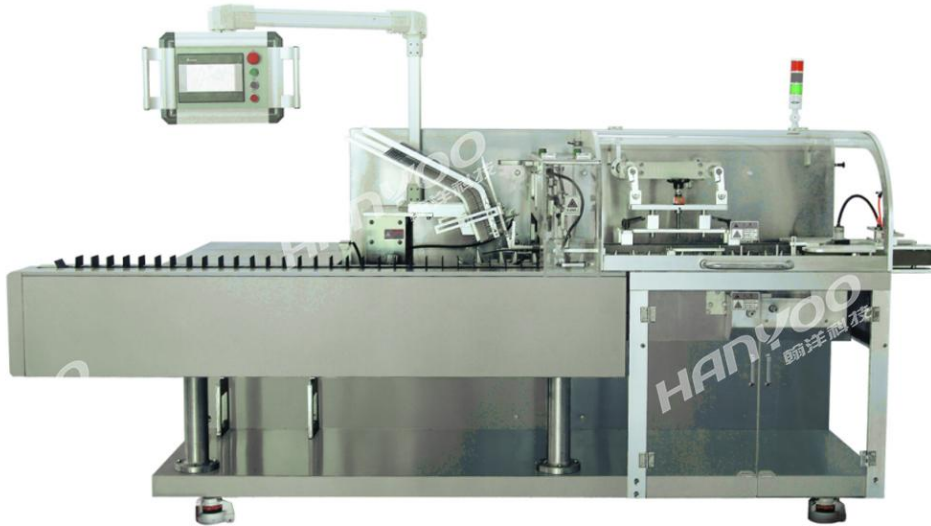


**EQUIPMENT
TECHNICAL PARAMETER**

南京翰洋智能设备有限公司
NANJING HANYOO PHARMATECH CO., LTD.



DZH-120 Automatic Cartoning Machine



INTRODUCTION

The DZH-120 horizontal automatic cartoning machine is a high-tech integrated product that combines mechanical, electrical, pneumatic, and optical technologies. It is suitable for automatically cartoning blister-formed capsules, tablets, blister boards with aluminum-plastic packaging, and similar items. Its working process includes the conveyance of medicine boards or items (multiple boards at a time, adjustable), the conveyance of drug leaflets (with automatic folding up to 4 folds), automatic forming and conveying of paper boxes, simultaneous insertion

of medicine boards and folded leaflets into the paper boxes, and automatic completion of tasks such as batch printing and sealing the ends of the paper tongues. This machine can be connected in line with blister packaging machines and labeling machines to form a packaging production line (can be equipped with a hot melt glue machine).

MACHINE FEATURES

1. PLC automatic control, variable frequency speed regulation, internationally renowned electrical components are used.
2. Equipped with a human-machine interface operating system.
3. Automatically displays faults, box packing speed, and finished product count.
4. Automatically detects missing packaging or rejects for medicine boards (products) and instructions.
5. Stable performance, easy and understandable operation.
6. No suction of instructions without products, no suction of paper boxes without instructions.
7. When there are no products or insufficient product supply, the machine will idle without pushing products. It will automatically resume operation when the product supply is restored, and it will stop automatically if the product is not properly placed in the box.
8. Automatic machine stop when there are no paper boxes, and continuous absence of instructions will also trigger an automatic stop.
9. Convenient for changing different product specifications.
10. The main drive has overload protection device.
11. This machine can be used independently or linked with blister packaging machines, labeling machines, and other equipment to form a complete production line.

TECHNICAL PARAMETER

Item		DZH-120L
Packing Speed		30-120box/min
Carton	Quality Requirement	300-350g/m ²
	Size Range(L x W x H)	(70-210) mm× (30-135) mm× (20-65) mm
Leaflet	Quality Requirement	60-80g/m ²
	Open Size Range(L x W)	(90-300) mm× (90-200) mm
	Folded Size Range(L x W)	(90-200) mm× (20-40) mm
Compressed Air	Working Pressure	0.5-0.7mpa
	Air Consumption	120-160L/min
Power Source		380V 50HZ
Main Motor Power		1.5kw
Dimension (L x W x H)		3860mm×1200mm×1800mm
Weight		About 1500kg

ELECTRONIC PART LIST

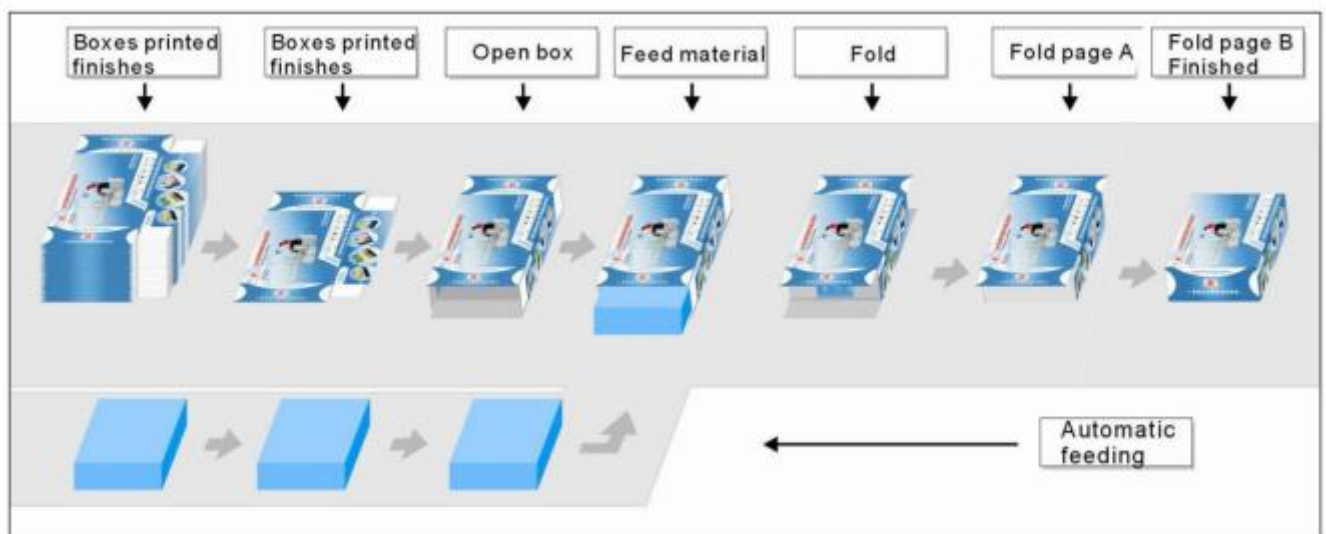
NO.	NAME	MODEL	QTY	BRAND
1	Main Motor	1.5KW/380	1	Zhejiang Libang
2	High-Precision Encoder	GJC-83-4L-150	1	Wenzhou Yizhong Technology
3	Three-Phase Protector	XJ3-G	1	China Delixi
4	Alternating Current (Ac)	CJX2-1810	1	CHINT
5	Air Switch	NXB-63	1	CHINT
6	Emergency Stop Button	ZB2-BE102C	1	CHINT
7	Power Switch	PMC-24V050W1AA	1	Taiwan Delta
8	Touch Screen	DOP-107BV	1	Taiwan Delta

NO.	NAME	MODEL	QTY	BRAND
9	Plc (Programmable Logic Controller)	DVP-12SA2	1	Taiwan Delta
10	Plc D/A Module	DVP-16SP	1	Taiwan Delta
11	Frequency Converter	VFD7A5MS21ANSAA	1	Taiwan Delta
12	Photoelectric Sensor	GTE6-N1212 1051784	3-5	Germany SICK
13	Square Proximity Switch	TL-Q5MC1-Z	1	Japan Omron
14	Cylindrical Proximity Switch	LJ12A3-4-Z/BX	1	Wenzhou Xinou
15	Solenoid Valve	4V21008B	2	Taiwan AirTAC
16	Electromagnetic Valve	VQ21A1-5G-C8-F	2	Japanese SMC
17	Vacuum Valve	ZH20DSA-03-04-04	2	Japanese SMC
18	Encoder	E6B2-CWZ6C	1	Japan Omron
19	Filter Pressure Reducing Valve	GFR300-100	1	Taiwan AirTAC
20	Active Guide Rail	HIWIN	1	Bank of Taiwan
21	Suction Cup	ZP32 CU	1	Japanese SMC

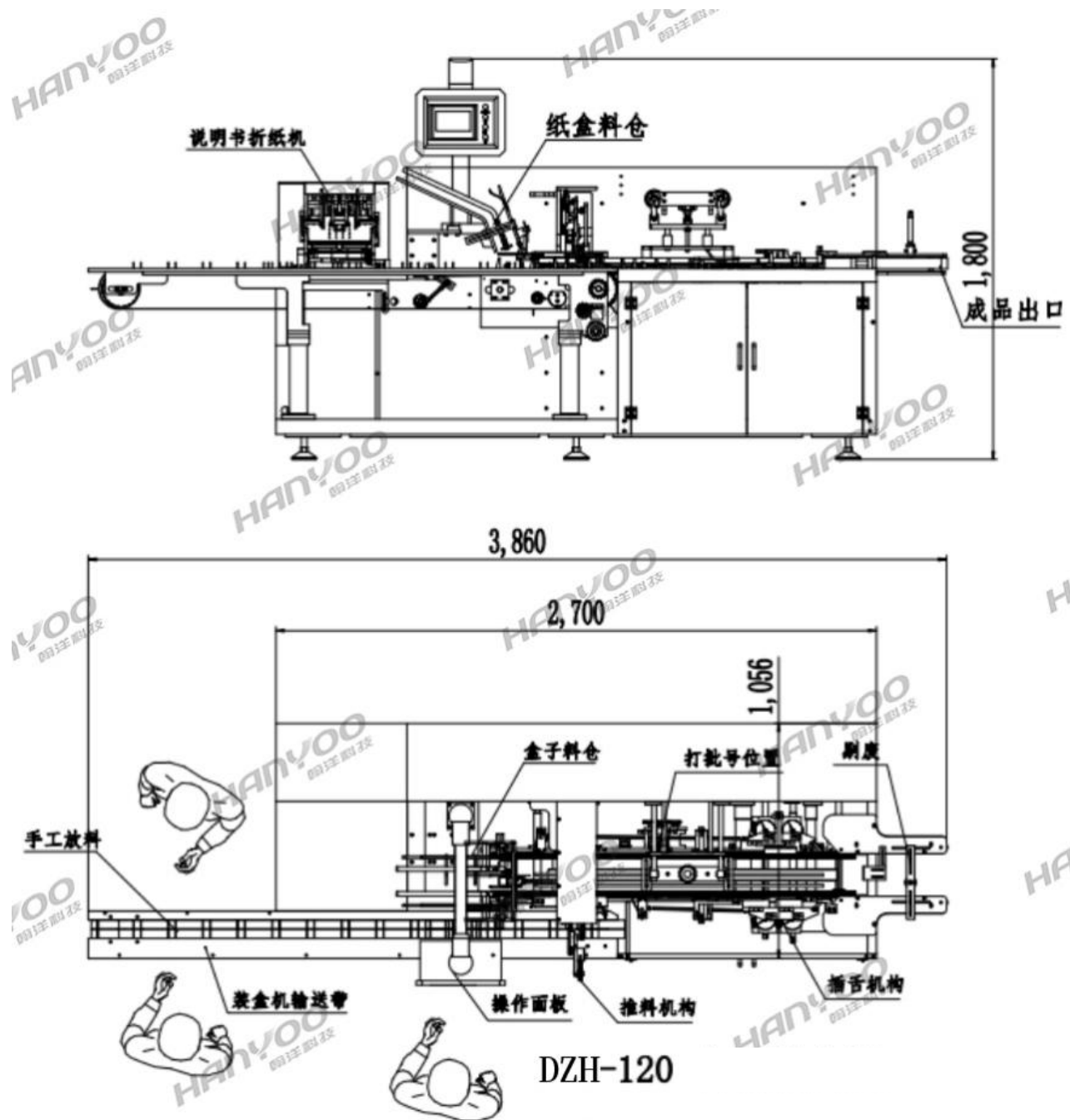
SAMPLE



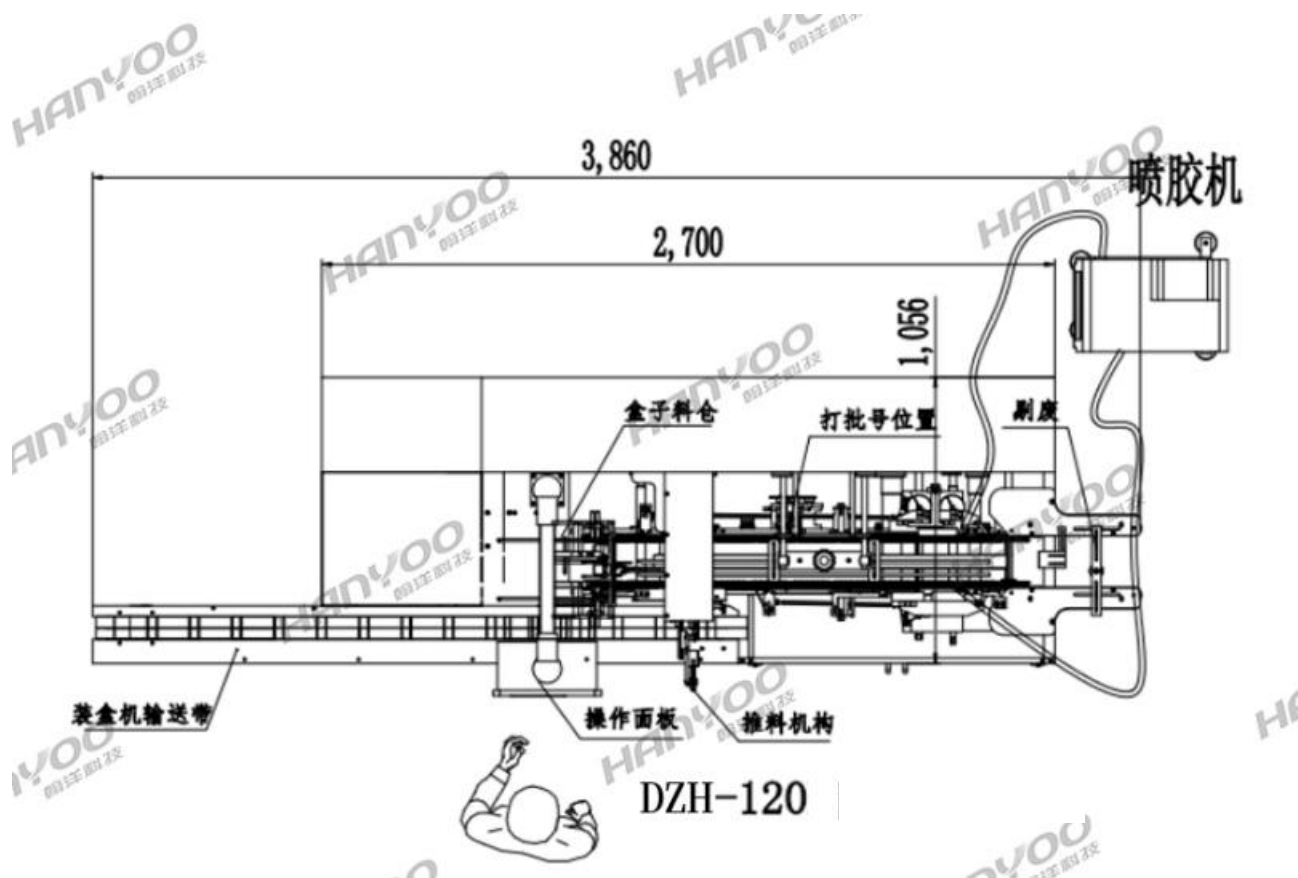
PACKING PROCESS



WORKING DIAGRAM



SCHEMATIC DIAGRAM OF GLUE SEALING



The banner features a dark blue background with several white line-art icons related to medicine and healthcare. These include a blister pack of pills, a medicine bottle with a cross, a pill being split, a pill bottle, two pills, a syringe, and another blister pack.

HANYOO

翰洋科技

Add:No.380 Sanqiaogeng,Gaochun District,Nanjing,China

Tel:+86-025-5621 6295

[Http://www.hanyoopm.com](http://www.hanyoopm.com)