

DZH-100

Automatic Cartoning Machine

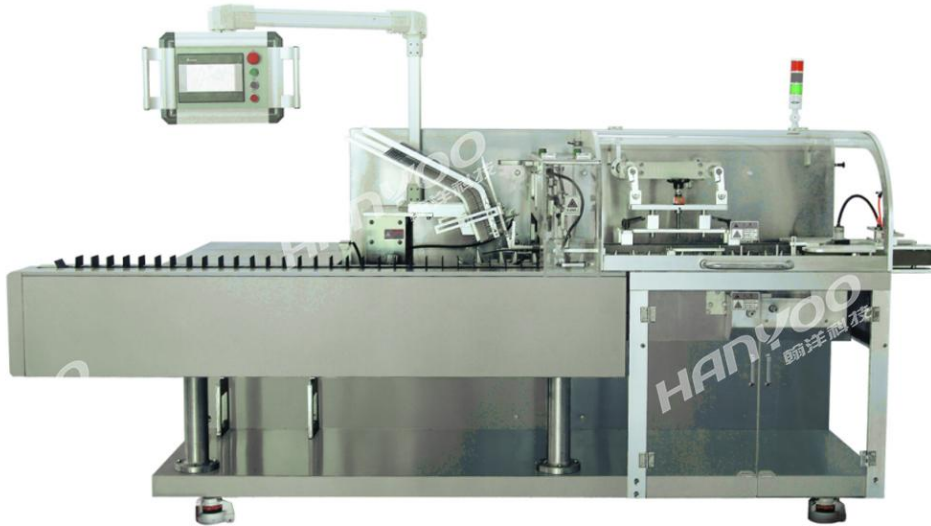


**EQUIPMENT
TECHNICAL PARAMETER**

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NANJING HANYOO PHARMATECH CO., LTD.



DZH-100 Automatic Cartoning Machine



INTRODUCTION

The DZH-100 horizontal automatic boxing machine is a high-tech product that integrates mechatronics, gas, and light. Suitable for automatic packaging of drugs, food, daily chemicals, hardware, medical devices, and other items. The manual can be automatically folded with a 1 to 4 fold fold; The paper box is automatically formed and transported, and the packaging materials and folded instructions are simultaneously loaded into the paper box; And automatically complete complex packaging processes such as batch number printing and paper tongue

sealing at both ends. This machine can be connected to blister packaging machines and labeling machines to form a packaging assembly line (Hot melting glue sealing is optional).

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-100
Packing Speed		30-100 box/min
Carton	Quality Requirement	300-350g/m ²
	Size range(L×W×H)	(70-210) mm× (30-130) mm× (18-65) mm
Leaflet	Quality requirement	60-80g/m ²
	Open size range(L×W)	(90-300) mm× (90-200) mm
	Folded size range(L×W)	(90-200) mm× (20-40) mm
Compressed air	Working Pressure	0.5-0.7mpa
	Air Consumption	120-160L/min
Power Source		380V 50HZ
Power		1.5kw
Dimension (L×W×H)		3100×1100×1800mm
Weight		1200kg

ELECTRONIC PART LIST

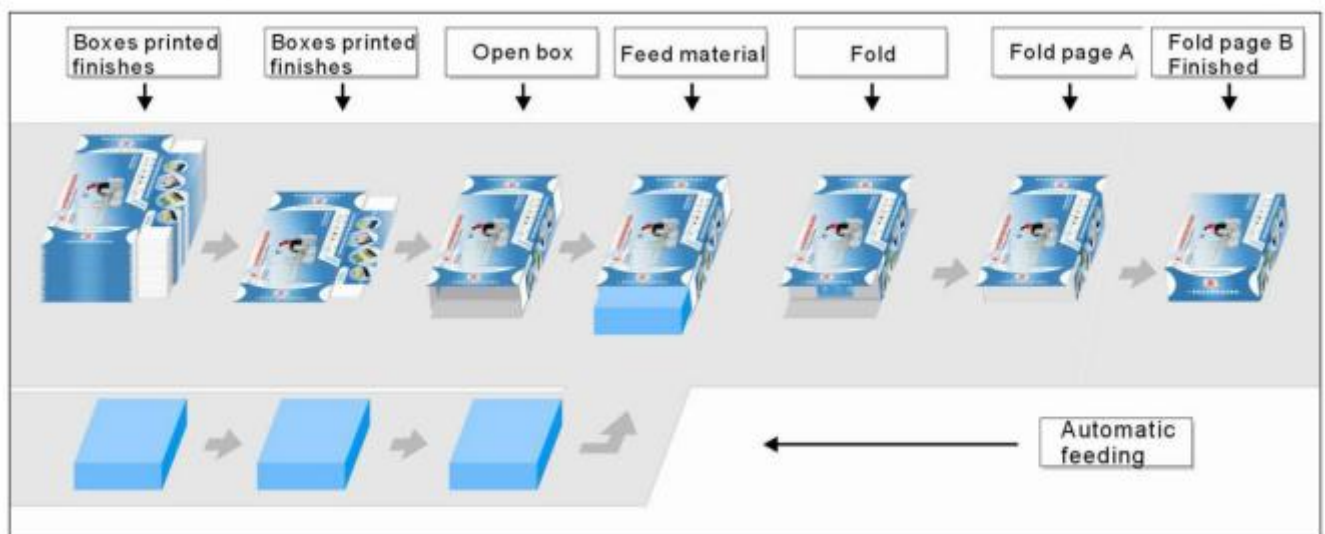
NO.	NAME	MODEL	QTY	BRAND
1	Main Motor	1.5KW/380	1	Libang
2	High-Precision Encoder	GJC-83-4L-150	1	Yizhong
3	Three-Phase Protector	XJ3-G	1	Delixi
4	Alternating Current (AC)	CJX2-1810	1	Chint
5	Air Switch	NXB-63	1	Chint
6	Emergency Stop Button	ZB2-BE102C	1	Chint
7	Power Switch	PMC-24V050W1AA	1	Taiwan Delta
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	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	Taiwan HiWin
21	Suction cup	ZP32 CU	1	Japan SMC

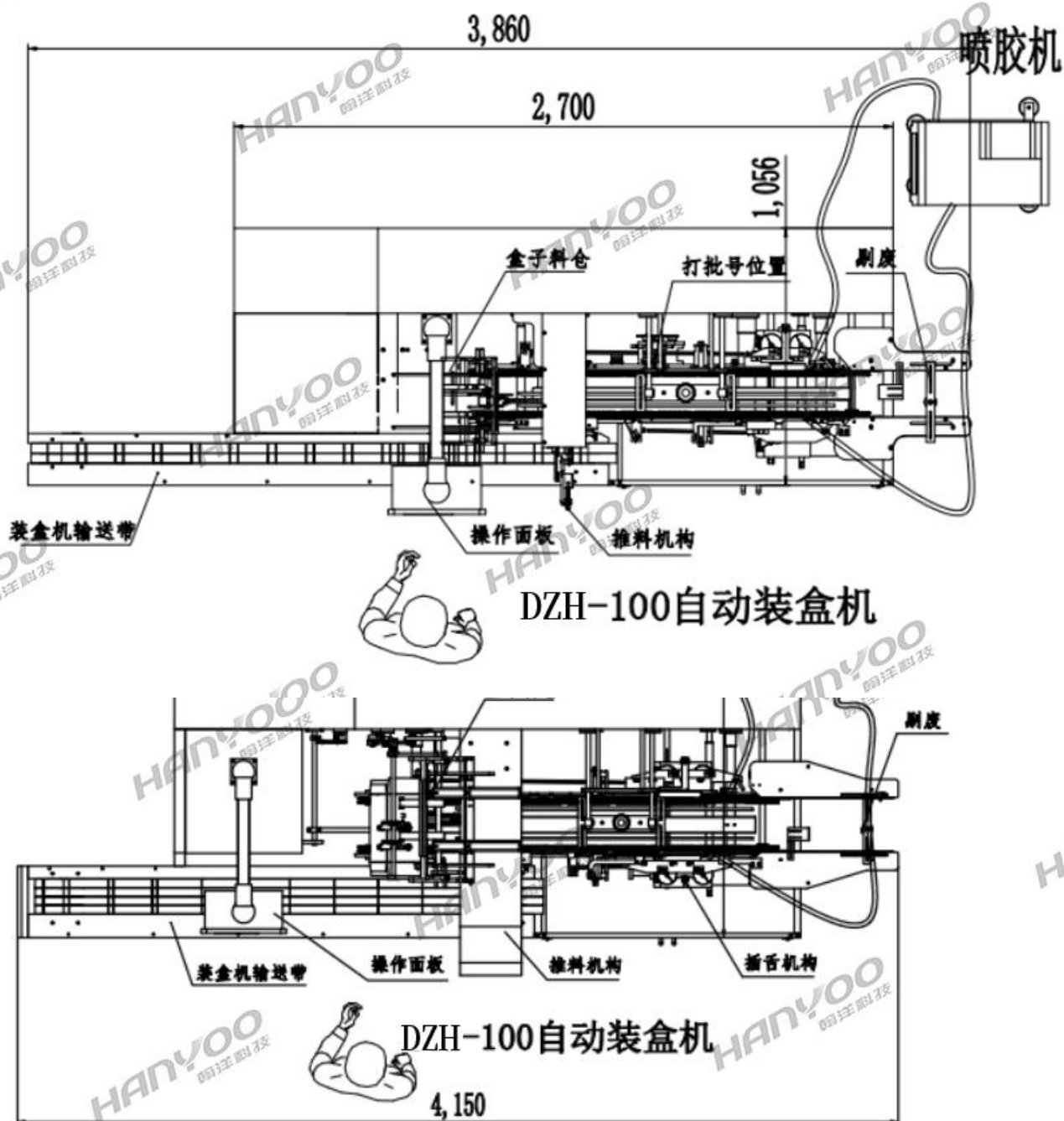
SAMPLE



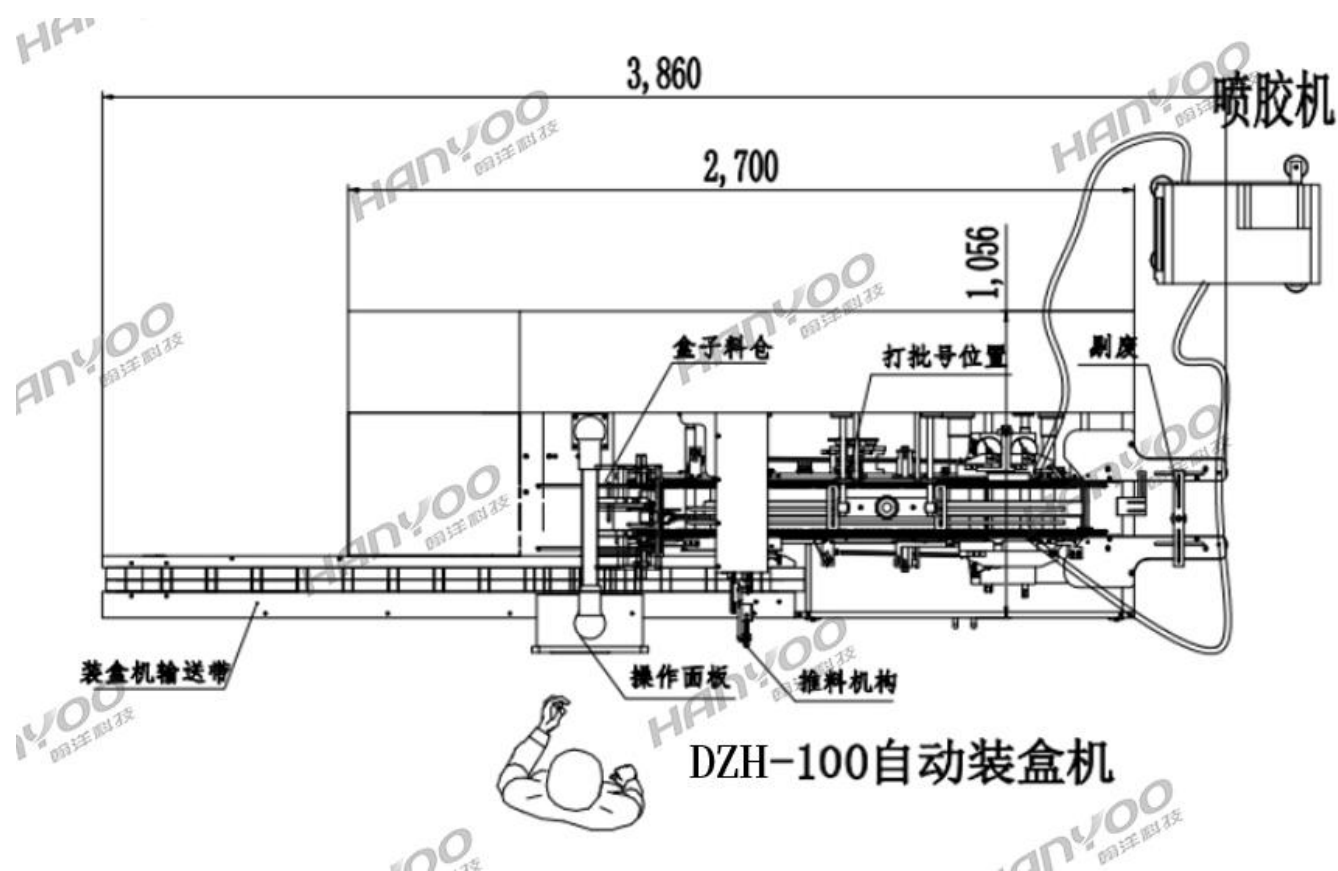
PACKING PROCESS



WORKING DIAGRAM



SIZE DIAGRAM OF GLUE SEALING



A dark blue horizontal banner featuring various medical and pharmaceutical icons in a lighter blue color. The icons include a blister pack of pills, a medicine bottle with a cross, a spilled pill, a pillbox, two pills, a pill bottle, two tablets, a syringe, and another blister pack of pills.

HANYOO

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