



Hualian Quality Creates Excellence



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2023 / Edition



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HUALIAN PHARMACEUTICAL MACHINERY

Automatic Packaging Solutions For  
Pharmaceuticals, Foods, Cosmetics



# Company Profile

Hualian pharmaceutical machinery company is specialized in the R & D, production and related services of automatic packaging equipment in pharmaceutical, snack food, daily chemical and other industries. Main products including Blister packing machine, tube filling and sealing machine, premade-pouch packing machine, automatic cartoning machine and automatic case packing machine, as well as automatic packaging production lines for various tablets, capsules, injections, oral liquids, ointments, and granules.

Our company currently has over 400 employees and covers an area of over 40000 square meters. It is a leading industrial enterprise in Rui'an City. Our company has always attached great importance to technological research and development, quality control, and after-sales service. We currently have a research and development center of 3000 square meters, 100 sets of processing equipment, and have established extensive and in-depth cooperative relationships with universities such as Zhejiang University and the Shanghai Research Institute of the Chinese Academy of Sciences.

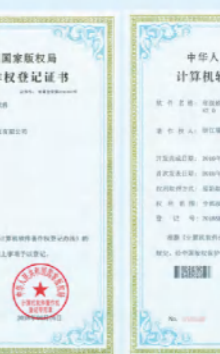
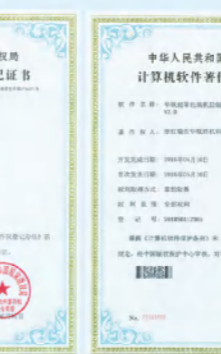
Our company currently holds over 60 patents and 5 software copyrights, and has successively lead the development of 1 national standard and 2 industry group standards. The intelligent production line for medicine blister packaging developed by our company has been approved as the first (set) product in the key field of equipment manufacturing in Zhejiang Province, and has been applied to many well-known pharmaceutical companies to substitute the imported equipments.

Due to our company's unremitting efforts in automated packaging in the pharmaceutical industry, we were named a national specialized, refined, and new small giant enterprise in 2021, and a national key "small giant" enterprise in 2022.

At present, our company's automatic packaging equipment customers have covered nearly 3000 pharmaceutical daily chemical enterprises such as Sinopharm, Sanjiu, Taiji, Jiangzhong, Roche, Johnson & Johnson, Sanofi, GSK, BASF, BD, Xinhua, Weigao, camel, Avon, P & G, etc. It is not only trusted by the majority of users in domestic and developing countries, but also increasingly recognized by users in Europe and America such as Germany, Italy, the United Kingdom, Israel, Japan, the United States, and Canada.

Hualian pharmaceutical machinery will always adhere to the business philosophy of "realizing self value and creating value for users", keep scientific and technological innovation in mind, implement brand strategy, provide high-quality products and implement high-quality services, and provide more efficient and reliable solutions for the production and packaging process of pharmaceutical, food, daily chemical and other industries!

# Corporate Profile



# Glimpse of Workshops



■ Debugging area of linkage packing line



■ Automatic cartoning machine workshop



■ Pre-made pouch rotary packing machine workshop



■ High speed blister packing machine workshop



■ Capsule filling machine workshop



■ Tube filling and sealing machine workshop



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Medical industry



Medical industry



Food Industry



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# DPH380S-DXH500S

## Pharmaceutical Blister Packing And Cartoning Packaging Intelligent Complete Production Line System

This production line is suitable for high-speed Aluminum-PVC packaging for medicines, especially capsules, tablets, and sugar-coated tablets. The blister is automatically queued and transferred to the high-speed automatic cartoning machine feeder, and the high-speed automatic cartoning machine inserts the blister and leaflet into the carton. The carton is sealed and marked with a batch number. The whole process is fully automatic packaging, which can reduce the site and save labor. High automation and cleanliness are more in line with GMP requirements. Optiona:l blister inspection machine, weight checker, bundling machine, carton open sealing machine, palletizing robots and other components constitute a complete production line system.

### Technical characters

- DPH-380S high-speed blister packaging machine (completely servo controlled) is suitable for high-speed ALU-PVC, ALU-ALU packing of various regular medicines, including high-speed automatic feeding, and high-speed detection and rejection.
- High-speed dual-lane and dual-storage flexible conveying system design for blister which can save consumables, it can reach 600 blister per minute (blister size 90×57) to be stably divided into two lanes and queued into the carton hopper, which can save more than 50,000 USD consumables each year.
- Use DXH-500S automatic cartoning machine can achieve speed highly matching.
- Production line with flexible and automatic control to realize chain protection and coordination of faults.



▲ High speed blister packing machine

▲ Double-channel inspection machine

▲ Automatic Cartoning machine

▲ Automatic bundling machine

▲ Automatic cartoning open sealing machine



▲ Feeding mechanism

▲ Digital display regulating mechanism

### Main Technical Parameter

DPH-380S		DXH-500S	
Punching speed (90×57mm)	80-150 time/min	Production capacity	100-500 carton/min
Capacity	240-600 blister/min	Blister size	(65-105) × (30-70) × (4-12)mm
Traction stroke	20-120 mm	Carton size	(90-170) × (35-85) × (15-50)mm
Forming area	370 × 240mm	Leaflet size	(100-320) × (100-210)mm
Forming depth	≤ 13mm	Air consumption	≥ 2m³/h
Packing material	Pharmaceutical PVC	Air pressure	0.5-0.7Mpa
	Aluminum foil PTP	Power and main motor	3 phase 5 wires 380V 50HZ 10KW
Air consumption	≥ 30m³/h	Overall dimension	5300X1700X1750mm ( L × W × H)
Air pressure	0.6-0.8Mpa	Weight	5500Kg
Power and main motor	3 phase 5 wires 380V 50HZ 30KW		
Overall dimension	4050 × 1030 × 1750mm		
Weight	4500Kg		

# DPH380S-DXH400S

## High speed blister packing and automatic cartoning machine production line (Intelligent robot application)

Pharmaceutical blister packing and cartoning packaging intelligent complete production line system. This production line is suitable for high-speed Aluminum-PVC packaging for medicines, especially capsules, tablets, and sugar-coated tablets. The blister is automatically queued and transferred to the high-speed automatic cartoning machine feeder, and the high-speed automatic cartoning machine inserts the blister and leaflet into the carton. The carton is sealed and marked with a batch number. The whole process is fully automatic packaging, which can reduce the site and save labor. High automation and cleanliness are more in line with GMP requirements.

### Technical characters

- DPH-380S high-speed blister packaging machine (completely servo controlled) is suitable for high-speed ALU-PVC, ALU-ALU packing of various regular medicines, including high-speed automatic feeding, and high-speed detection and rejection.
- Blister zig-zag punching and servo synchronous conveyor for blister queuing technology which can save consumables, it can reach 400 blister per minute by zig-zag punching, (blister 90×57) stably move to the conveyor of cartoning machine by tracking robot. It ensures the stability of the blister transportation without collision, which can save more than 50,000 USD consumables each year.
- Use DXH-400S automatic cartoning machine can achieve speed highly matching.
- Optional: either high-end full-servo blister packaging machine and automatic cartoning machine, or the main motor is with servo motor, which is an economical solution that cooperates with the robot to achieve synchronous online.



▲ High speed blister packing machine

▲ Intelligent robot

▲ Automatic Cartoning machine



▲ Intelligent robot suction plate device

▲ Digital display regulating mechanism

### Main Technical Parameter

DPH-380S		DXH-400S	
Punching speed (90×57mm)	80-140 time/min	Production capacity	100-400 carton/min
Capacity	240-600 blister/min	Blister size	(65-105) × (30-70) × (4-12)mm
Traction stroke	20-120 mm	Carton size	(90-170) × (35-85) × (15-50)mm
Forming area	370 × 240mm	Leaflet size	(100-320) × (100-210)mm
Forming depth	≤ 13mm	Air consumption	≥ 2m³/h
Packing material	Pharmaceutical PVC	Air pressure	0.5-0.7Mpa
	Aluminum foil PTP	Power and main motor	3 phase 5 wires 380V 50HZ 10KW
Air consumption	≥ 30m³/h	Overall dimension	5300X1700X1750mm ( L × W × H)
Air pressure	0.6-0.8Mpa	Weight	5500Kg
Power and main motor	3 phase 5 wires 380V 50HZ 30KW		
Overall dimension	4050 × 1030 × 1750mm		
Weight	4500Kg		

# DPH380DLS-DXH400S

DPH380DLS-DXH400S High Speed Blister Packing and Automatic Cartoning Packing Line(ALU-PVC-ALU Full Servo)

## Technical characters

- High capacity, High efficiency.
- Quick change of mold.
- Product parameter can be quickly used from HMI.
- One click back to original to do the servo multiple axis synchronous adjustment.
- ZIG ZAG punch design to save material.
- Straight line connection is more beautiful.

The system is based on the Aluminum-PVC blister packaging machine and the automatic cartoning machine, and increase forming and sealing station for the tropical aluminum, which make the product packaging, moisture-proof and light-proof, and the product grade has been improved. Intelligent robots are used for linkage, which is suitable for product packaging in pharmaceutical, food, medical equipment, health care products and other industries.

Hualian Company has accumulated 30 years of experience in the production of blister packaging machines, and successfully developed the latest balcony-type high-speed Aluminum PVC Aluminum blister packaging machine. This model adopts the design concept of partition clean and humanization, which avoids pollution, easy operation and convenient maintenance, comprehensive operation monitoring means, which significantly improves the work efficiency and reduces the labor intensity of the workers, and comprehensively solves the shortcomings of the conventional model cleaning, inconvenient maintenance and troublesome mold replacement. This kind of machine model has been accepted by the National Patent Office for a utility model patent certificate.



▲ High-speed ALU-PVC-ALU blister packing machine

▲ Intelligent robot

▲ Automatic Cartoning machine



▲ Visual inspection device

▲ Intelligent robot suction plate device

## Main Technical Parameter

DPH380DLS		DXH-400S	
Max. Blister Capacity	300 blisters/min	Production capacity	100-400 Carton/min
Max. Forming Area	230 × 360mm	Blister size	(65-105) × (30-70) × (4-12)mm
Max. Forming Depth	13mm	Carton size	(90-170) × (35-85) × (15-50)mm
Max. Material Width	380mm	Leaflet size	(100-320) × (100-210)mm
Max. Box Packing Speed	300Boxes/min	Air consumption	≥ 2m <sup>3</sup> /h
Max. Box Size	170 × 85 × 50mm (L × W × H)	Air pressure	0.5-0.7Mpa
Max. Leaflet Size	320 × 210mm	Power and main motor	(3 phase 5 wires) 380V 50HZ 10KW
Control Method	Full servo motion control	Overall dimension	7300X1700X1750mm (L × W × H)
Machine oversize	14000 × 1800 × 1800mm (L × W × H)	Weight	8000Kg
Machine total power	Around 60kw		
Machine total weight	Around 15000kg		

# DPH380S-HXZB420/300-DXH400S

High Speed Blister Packing/Flow Wrapping/Cartoning Packing Production Line(Intelligent RobotApplication)

Pharmaceutical blister packing and Automatic cartoning packaging intelligent complete production line system. This production line is suitable for high-speed aluminum-PVC packaging for medicines, especially capsules, tablets, and sugar-coated tablets. The blister is automatically queued and transferred to the high-speed automatic cartoning machine feeder, and the high-speed automatic cartoning machine inserts the blister and leaflet into the carton. The carton is sealed and marked with a batch number. The whole process is fully automatic packaging, which can reduce the site and save labor. High automation and cleanliness are more in line with GMP requirement.

## Technical characters

- DPH380S High-speed blister packaging machine (completely servo controlled) is suitable for high speed Alu-PVC, ALU-ALU packing of various regular medicines, including high-speed automatic feeding and high speed detection and rejection.
- It is the first time that the double tracking robot can steadily transfer the blister to the conveying station of pillow bag machine. It ensures the stability of the blister transportation process without collision.
- HXZB-420-300 completely servo controlled high-speed pillow packing machine which is adopted can stably reach the speed of 300 packets/min.
- Use DXH-400S automatic cartoning machine can achieve speed highly matching.
- Adopting multi-position servo rotary suction head to realize perfect synchronization from pillow bag machine to cartoning machine.
- It can be equipped with completely servo controlled blister packaging machine and automatic cartoning machine, or the main motor can be upgraded to servo motor. It is an economic scheme to realize synchronous online with robot.



▲ High speed blister packing machine

▲ Intelligent robot

▲ High Speed Pillow Packing Machine

▲ Automatic Cartoning machine

## Main Technical Parameter

DPH-380S			HXZB-420/300		DXH-400S	
Punching speed(90×57mm)	30-100 time/min		Production Speed	30-300 Bags/min	Production capacity	100-400 carton/min
Capacity	180-600 blister/min		Bag Size	L:110-150mm	Blister size	(65-105) × (30-70) × (4-12)mm
Traction stroke	20-120 mm			B:20-140mm	Carton size	(90-170) × (35-85) × (15-50)mm
Forming area	370 × 240mm			H:5-35mm	Leaflet size	(100-320) × (100-210)mm
Forming depth	≤ 13mm		Packaging material	< 420	Air consumption	≥ 2m³/h
Packing material	Pharmaceutical PVC	0.25 × 380mm	Packaging Material Thickness	Composite membrane	Air pressure	0.5-0.7Mpa
	Aluminum foil PTP	0.02 × 380mm	Rated Frequency	50HZ	Power and main motor	3 phase 5 wires 380V 50HZ 10KW
Air consumption	≥ 30m³/h		Rated Voltage	220V	Overall dimension	5300X1700X1750mm( L × W × H)
Air pressure	0.6-0.8Mpa		Total Power	11KW	Weight	5500Kg
Power and main motor	3 phase 5 wires 380V 50HZ 30KW		Weight	2000kg		
Overall dimension	4050 × 1030 × 1750mm		Overall Dimension(L × W × H)	7700 × 1200 × 1800mm		
Weight	4500Kg					

# DPH-ZHJ400D

## High Speed Blister Packing And Automatic Cartoning Production Line

This production line is suitable for high speed Alu-Pvc packing of medicines, especially for capsules, tablets and sugar-coated tablets. It is equipped with auto speed inspection and rejection device. Blisters automatically are queued to be transmitted to feeder of high speed automatic cartoning machine, then automatic high speed cartoning machine packs blisters and leaflets into cartons and print batch number. The entire process is automatically controlled to save labor and work space. The high automation and purgate also make machine more in line with GMP standard.

### Technical characters

- DPH-380D high-speed blister packaging machine is suitable for high speed Alu-Pvc packaging of various regular medicine, and have high speed inspection and rejection device.
- With the latest patented rotating suction heed and intelligent conveyor belt drug board line technology, can achieve 600 blister per minute queue into the carton stably.
- Use ZHJ-400D automatic cartoning machine can achieve speed highly matched.



### Main Technical Parameter

High speed blister packing machine

Model	DPH-380D	
Punch Frequency	60-180次/分punches/min	
Max. Forming Area	370 × 240mm	
Max. Forming Depth	13mm	
Traction Stroke	Punch:20-120mm Forming:80-250mm	
Blister Specification	Standard:80 × 57、95 × 65、103 × 43(Customized allowed)	
Packing material	Cold ALU	0.14-0.16 × 380mm
	Standard PVC Hard Sheet	0.15-0.5 × 380mm
	Standard PTP Aluminum Foil	0.02-0.035 × 380mm
	Average Hole Diameter	70-76mm
Air Consumption	≥ 30m <sup>3</sup> /h 0.6-0.8Mpa	
Mould Cooling	tap water or recycle water 60L/h	
Total Power	约28KW	
Main Motor	4.5KW	
Overall Dimension (L × W × H)	4050 × 1030 × 1750mm	
Weight	4500Kg	



### Main Technical Parameter

High speed cartoning machine

Model	ZHJ-400
Cartoning Speed	≤ 400(ctns/min)
Carton Size (L × W × H)	(65-170) × (28-87) × (15-55)mm
Leaflet Size (L × W)	(90-320) × (100-180)mm
Power	380VAC, 50HZ 5KW
Main Motor	2Kw
Air Pressure	0.6-0.8Mpa
Air Consumption	≥ 2m <sup>3</sup> /h
Overall Dimension	4400 × 1500 × 1800mm
Weight	4000kg

# DPB350JV-ZHJ400D

## High Speed Blister Packing and Automatic Cartoning Production Line (Oral Liquid/Ampoule)

This production line is suitable for medicine especially oral, ampoules blister packing and automatic cartoning. Automatic inspection and rejection, automatic robot to feeding bottle, the robot automatically put straw, automatic high speed cartoning machine packs blisters and leaflets into cartons and seal the carton, then emboss batching number. The entire process is automatically controlled to save labor. The high automation and purgate also make machine more in line with GMP standard.

### Technical characters

- Flat-Plate blister Packing meets requirements for Various depth of medicine Packing.
- International brand grasping bottles is safe and reliable.
- DPB-350J blister Packing machine is fast and convenient to change moulds
- unique straw feeding device,designed specifically for the oral liquid.
- Upgraded production line with full safety cover.
- Multi synchronous servo linkage to ensure stable operation.
- Cantilever structure with Patent to accord more with GMP standard.



▲ Robot Feeder



▲ Servo Mechanical hand

▲ Bottle press and mechanical inspection

▲ Synchronous feeding device



### Main Technical Parameter

Blister packing machine

Max Capacity	16-28times/min
Packing Material	Standard PVC hard sheet:0.15-0.5×350mm
	Standard PTP alurinafoil:0.02-0.035×350mm
	Average hole diameter of roll:70-76mm
Air Consumption	≥12m <sup>3</sup> /h 0.6-0.8Mpa
Mould Cooling	tap water or recycle water 60L/h
Total Power	15kw
Weight	3500kg
Overall Dimension	13000×1500×1850mm(L×W×H)

### Main Technical Parameter

Automatic cartoning machine

Max Capacity	350 boxes per minute
Carton Size	Max. 170×87×55mm
	Min. 65×28×15mm(L×W)
Leaflet Size	Max. 320×180mm
	Min. 90×100mm(L×W)
Air Consumption	≥2m <sup>3</sup> /h 0.6-0.8Mpa
Total Power	4.5kw
Weight	3500kg

# DPH-270/330/380D

High-speed Blister Packing Machine



## Technical characters

- Change mould fastly without tools which adopts push-oriented.
- Adopt servo traction, simple to set up, convenient to debug.
- Push-oriented punch mould installation. If inspection and rejection system is equipped and changed, no need to disassemble suck heads.
- Long distance between two heating plates of forming when machine stops, to avoid PVC to be over heated and softened.
- Optional configurations include camera inspection and rejection device, mechanical hand structure with suck heads, automatic vibrating guide rail feeder, etc.
- Can be equipped with photocell register device.



▲ High speed ALU-ALU roller sealing device

This machine is suitable for automatic high speed Alu-Pvc packing of capsules, tablets and chewing gums, candies. It adopts flat pressure forming to form strong and average blisters. and roller type mesh sealing to ensure reliable sealing. The machine is equipped with batching system, embossing device and horizontal boundless punching to achieve high production capacity and greatly save packing material



▲ Change forming mould without tool

▲ Change heat-seal mould without tool

▲ Change mould for emboss batch no. without tool

▲ Change punch mould without tool

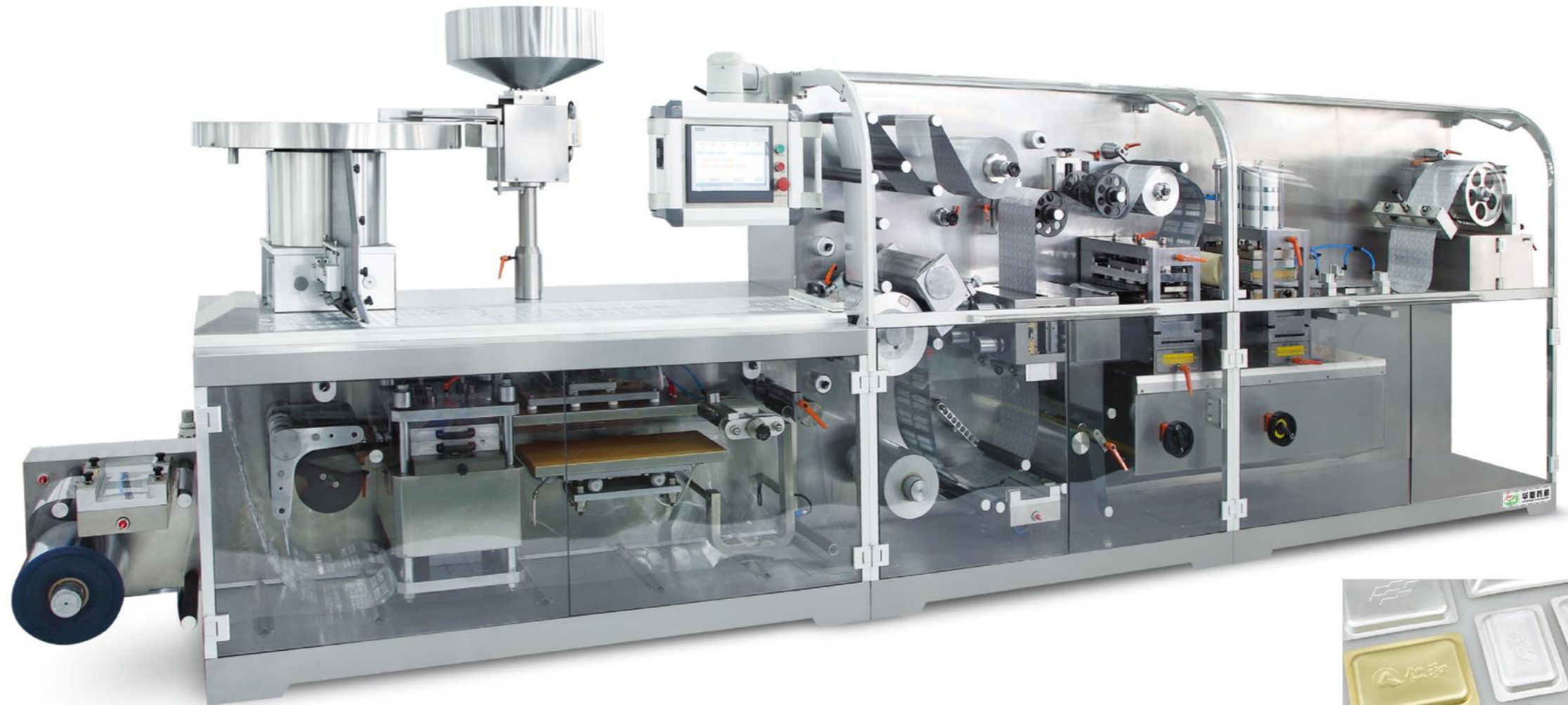
## Main Technical Parameter

High speed blister packing machine

Model	DPH-270D	DPH-330D	DPH-380D	
Punch Frequency	60-180times/min	60-180times/min	60-180times/min	
Max. Forming Area	240 × 260mm	240 × 320mm	240 × 370mm	
Max. Forming Depth	13mm	13mm	13mm	
Traction Stroke	Punch:20-120mm Forming:80-250mm			
Blister Specification	Standard:80 × 57、95 × 65、103 × 43(Customized allowed)			
Packing Material	Cold ALU Forming Aluminum Foil	0.14-0.16 × 270mm	0.14-0.16 × 330mm	0.14-0.16 × 380mm
	Standard PVC Hard Sheet	0.15-0.5 × 270mm	0.15-0.5 × 330mm	0.15-0.5 × 380mm
	Standard PTP Aluminum Foil	0.02-0.035 × 270mm	0.02-0.035 × 330mm	0.02-0.035 × 380mm
	Average Hole Diameter Of Roll	70-76mm	70-76mm	70-76mm
Air Consumption	≥ 30m <sup>3</sup> /h 0.6-0.8Mpa			
Mould Cooling	tap water or recycle water 60L/h			
Total Power	28KW	30KW	30KW	
Main Motor	3.0KW	4.5KW	4.5KW	
Overall Dimension (L × W × H)	4050 × 1030 × 1750mm	4050 × 1030 × 1750mm	4050 × 1030 × 1750mm	
Weight	3500Kg	4500Kg	4500Kg	

# DPH-270/380DL

High-speed Tropical Aluminum Blister Packing Machine



This machine adds forming and sealing process of tropical aluminum on the basis of DPH-270D, enhance the effect of sealing, moisture proof, and light avoiding, to improve product quality. It is suitable for packing products in pharmaceutical and industry.

## Technical characters

- Change mould fast without tools which adopts push-oriented.
- Adopt servo traction, simple to set up, convenient to debug.
- Push-oriented punch mould installation. If inspection and rejection system is equipped and changed, no need to disassemble suck heads.
- Long distance between two heating plates of forming when machine stops, to avoid PVC to be over heated and softened.
- Optional configurations include camera inspection and rejection device, mechanical hand structure with suck heads, automatic vibrating guide rail feeder, etc.
- Can be equipped with photocell register device.

## Main Technical Parameter

Model	DPH-270DL	DPH-380DL
Punch Frequency	50-105 times/min	50-105 times/min
Max. Forming Area	230 × 250mm	230 × 360mm
Max. Forming Depth	13mm	13mm
Traction stroke	Punch:20-120mm Forming:80-250mm	Punch:20-120mm Forming:80-250mm
Packing Material	Medical PVC	(0.15-0.5) × 270mm
	Glued PTP Aluminum Foil	(0.02-0.035) × 270mm
	Tropical Aluminum	(0.09-0.15) × 270 mm
	Hole Diameter Of Roll	70-76mm
Air Consumption	≥ 30m <sup>3</sup> /h 0.6-0.8Mpa	≥ 30m <sup>3</sup> /h 0.6-0.8Mpa
Mould Cooling	tap water or recycle water 60L/h	tap water or recycle water 60L/h
Total Power	380V/50Hz 28KW	380V/50Hz 28KW
Main Motor	4.5KW	4.5KW
Overall Dimension (L×W×H)	6550 × 980 × 1750 mm	6550 × 1080 × 1750mm
Weight	4500Kg	6500kg

# DPB-270/350J

Cantilever Style Flat-Plate Blister Machine



Forming mould, heat-sealing mould, batch number embossing mould and punching mould all adopt drawer type mould change with national patent to achieve high efficiency.

## Application

- This machine is applied to Alu-Pvc and Alu-Alu packing of medicines, for example sealed blister packing of capsules and tablets of various specifications.
- Applied to sealed blister packing of various syringes, ampoule bottles and medical products.
- Applied to sealed blister packing of food, electronic parts, hardware products, etc.



▲ Change mould without tool ▲ Open frame of mould changing ▲ Change punch mould without tool ▲ Blister output device

## Technical characters

- Main drive: Main motor located at the back of machine, easy for maintenance. Synchronous belt drive instead of chain belt drive to reduce oil stain.
- Guide rail installation method: Guide rail of the cabinet is installed in cantilever way. It is convenient for the operator to clean the dropped medicine.
- Mould base installation and adjustment: Adopt lathe type guide rail and pinion-and-rack adjustment way. With position indicator and scale ruler for mould position adjustment.
- All moulds including forming mould, heat-sealing mould, batch number emboss printing mould, punching mould can be orientation-guidedly pushed into its position by hand and mould handle rocked to finish mould change fastly without wrench or other tools.
- Adopt air shaft to install PVC material and aluminium foil. Adopt PVC connection device to change roll material more fast.
- PVC loading adopt roller trace to avoid PVC material being over-stretched during material pulling.



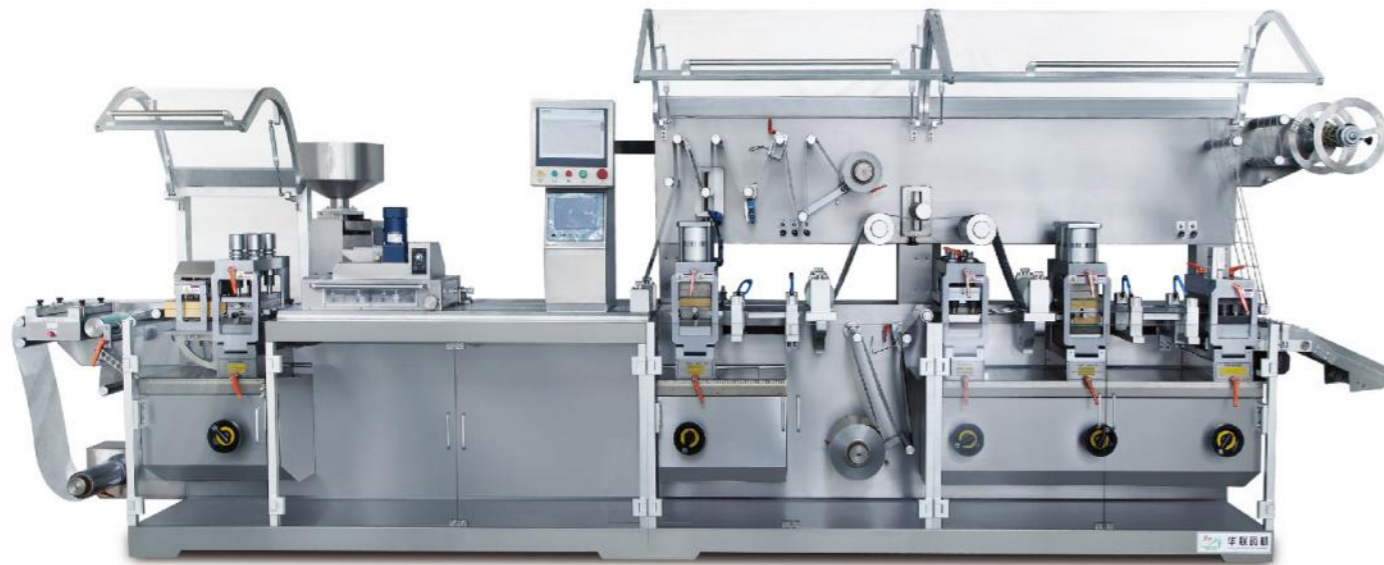
## Main Technical Parameter

Model	DPB-270J	DPB-350J
Punch Frequency	20-50 times/min	20-50 times/min
Capacity	4800-12000 Blister/h(Standard 80×57mm)	6000-15000 Blister/h(Standard 80×57mm)
Max Forming Area Depth	110×260×26mm	110×350×26mm
Stroke	20-120mm(can be designed as user's requirements)	
Standard Blister	80×57mm(can be designed as user's requirements)	
Air Supply	≥12m <sup>3</sup> /h 0.6Mpa-0.8Mpa	
Total Power	380V/220V 50HZ 12KW	380V/220V 50HZ 12KW
Main Motor Power	2.2KW	2.2KW
PVC Hard Sheet	0.15-0.5×270mm	0.15-0.5×350mm
PTP Aluminu Foil	0.02-0.035×270mm	0.02-0.035×350mm
Cold Forming Aluminum Foil	0.14-0.16×270mm	0.14-0.16×350mm
Dialysis Paper	50-100g/m <sup>2</sup> ×270mm	50-100g/m <sup>2</sup> ×350mm
Mould cooling	tap water or recycle water 60L/h	tap water or recycle water 60L/h
Overall Dimension(LxWxH)	4500×850×1750mm	4500×950×1750mm
Weight	2600kg	3500kg

# DPB-270/350JL

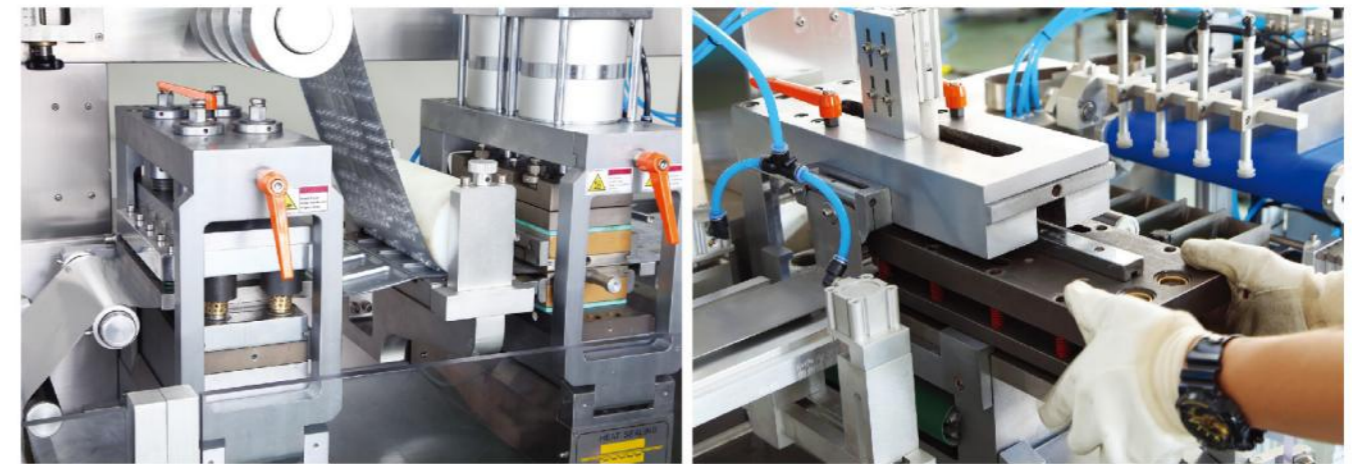
## ALU-PVC-ALU Blister Packing Machine

This machine adds forming and sealing of tropical aluminum on the basis of 270/350J series blister packing machine in order to enhance the effect of sealing, moisture proof and light-avoiding, to improve product quality. It is widely used to pack products in pharmaceutical and health care industry.



### Technical characters

- Adopts the theory of 270J series blister packing machine ,rail type, adjustable mould convient,accurate positioning.
- It adopts body separated mechanism to avoid inconvenience of transfer due to the length of the body 1.88m by adding the forming and sealing stations.
- This machine use servo double traction structure, it can avoid bubble break when the machine stops. It also can conveniently realize photocell register function, and serve air clip drive function. At the meanwhile, it is covinent to reset the traction length on the human-computer interface when change mould.



▲ Tropical ALU forming and heat sealing station

▲ Change punch mould without tool

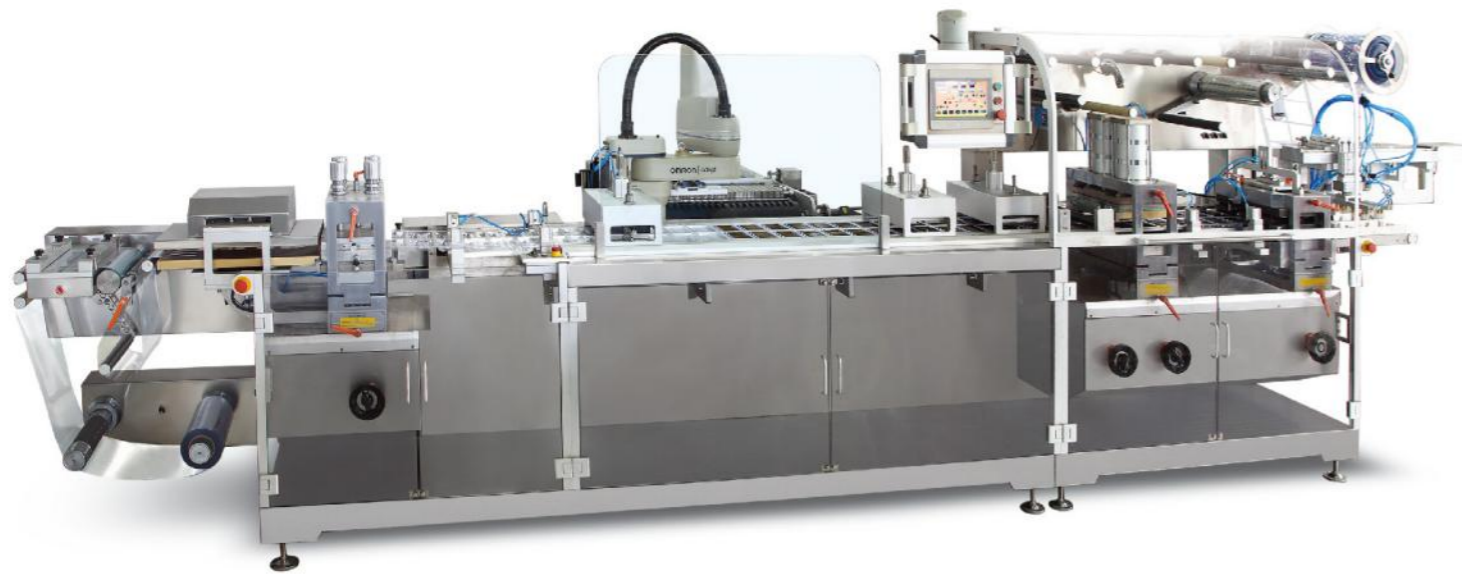
### Main Technical Parameter

Model	DPB-270JL	DPB-350JL
Punch Frequency	10-35Times/min	10-35Times/min
Capacity	5400 Blister/h	7200Blister/h
Max Forming Area Depth	Standard: ≤250×110mm Max: 250×140mm	Standard: ≤340×110mm Max: 340×140mm
Stroke	Standard: 30-120mm Max: 160mm	
Standard Blister	70×98mm(can be designed as user's requirements)	
Main Motor Power	2.2kw	2.2kw
Total Power	380V/220V 50HZ 12kw	380V/220V 50HZ 12kw
Packing Material	PVC Hard sheet: 0.15-0.5×270mm	PVC Hard sheet: 0.15-0.5×350mm
	PTP Aluminum foil: 0.02-0.035×270mm	PTP Aluminum foil: 0.02-0.035×350mm
	Dialysis Paper: 50-100g×270mm	Dialysis Paper: 50-100g×350mm
	Tropical ALU: 0.09-0.15×270mm	Tropical ALU: 0.09-0.15×350mm
Mould Cooling	Average hole diameter of roll 70-76mm tap water or recycle water	
Overall Dimension (L×W×H)	5360×850×1750mm	5360×950×1750mm
Air Supply	0.6-0.8Mpa 12m <sup>3</sup> /min	0.6-0.8Mpa 12m <sup>3</sup> /min
Weight	4000kg	4500kg

# DPB-350/420/500JV

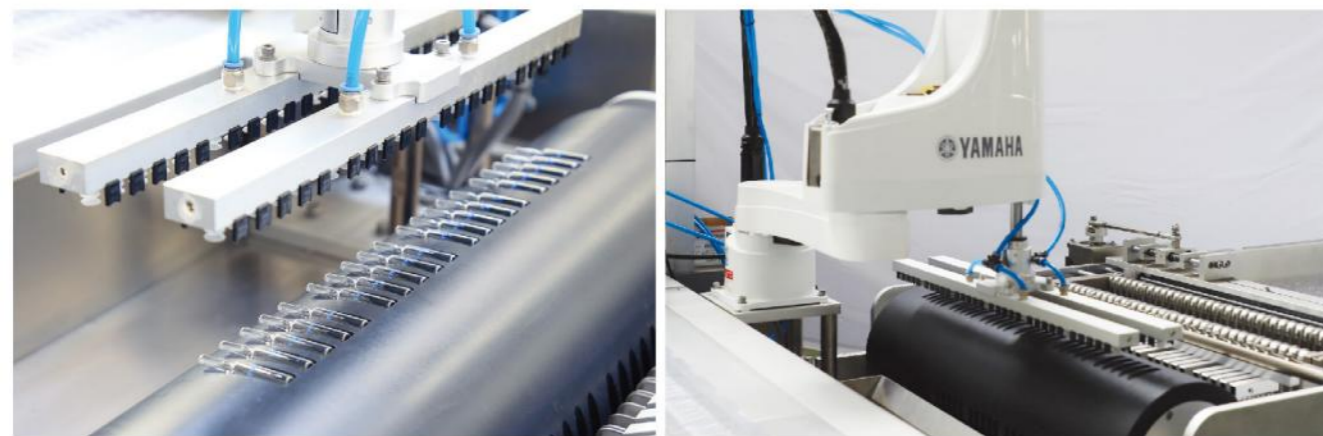
## Oral Liquid(Ampoule) Special Blister Packing Machine

This production line is suitable for medicine especially oral, ampoules blister packing and automatic cartoning. Automatic inspectio and rejection, automatic robot to feeding bottle, the robot automatically put straw, automatic high speed cartoning machine packs blisters and leaflets into cartons and seal the carton, then emboss batching No. The entire process is automatically controlled to save labor. The high automation and purgate also make machine more in line with GMP standard.



### Technical characters

- Flat-Plate blister Packing meets requirements for Various depth of medicine Packing.
- International brand grasping bottles is safe and reliable.
- DPB-350JV blister Packing machine is fast and convenient to change moulds
- Unique straw feeding device,designed specifically for the oral liquid.
- Upgraded production line With full safety cover.
- Multi synchronous servo linkage to ensure stable operation.
- Cantilever structure with Patent to accord more with GMP standard.



▲ Servo Mechanical hand

▲ Synchronous feeding device

### Main Technical Parameter

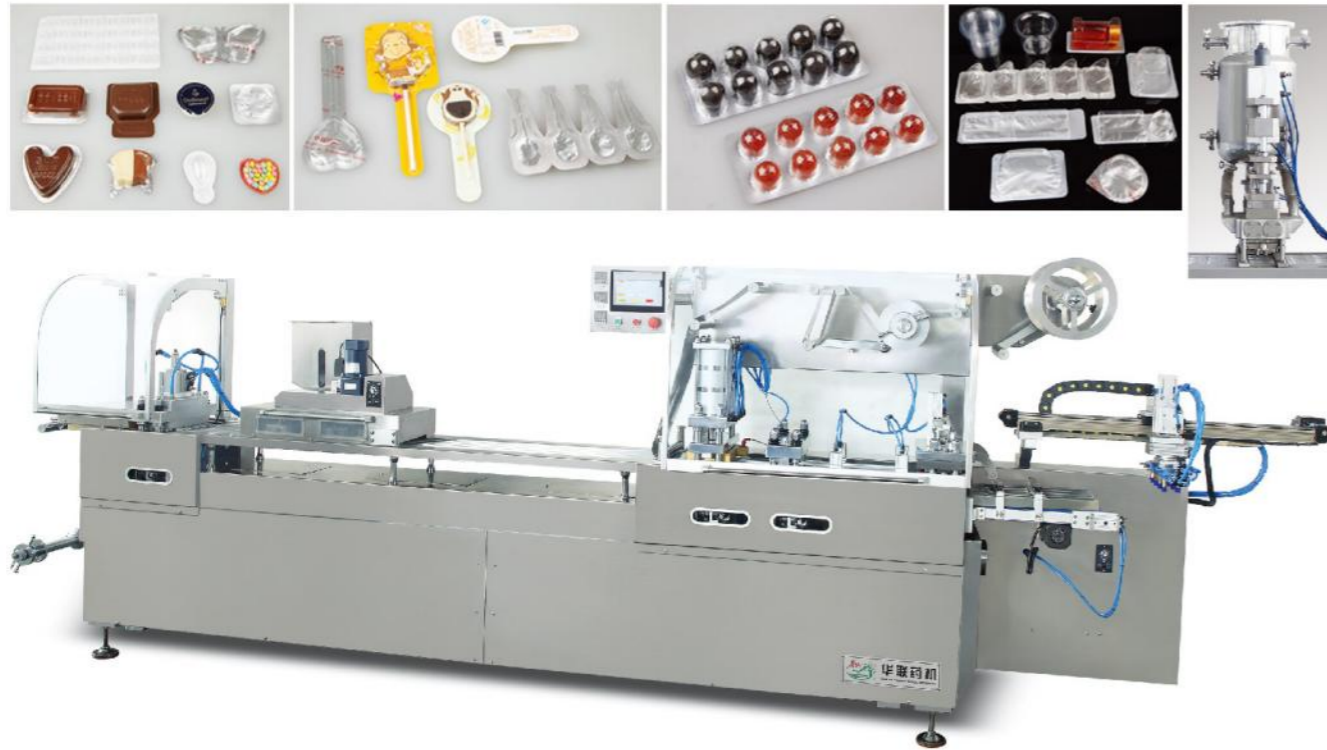
Model	DPB-350JV	DPB-420JV
Punch Frequency	10-28次/分	10-28次/分
Packing Material	Standard PVC Hard Sheet	0.15-0.5×350mm
	Average Hole Diameter Of Roll	70-76mm
	Max.Width Of Packing Material	350mm
	420mm	
Max. Forming Area and Depth	Max:330×200×30mm	Max:400×200×30mm
Traction Stroke	Standard 50-300 front and rear dual indexing configuration	
Total Power	380V 50HZ 15KW	380V 50HZ 15KW
Air Consumption	12m³/h 0.6-0.8Mpa	12m³/h 0.6-0.8Mpa
Mould Cooling	Tap water or recycle water 60L/H	
Overall Dimension(L×W×H)	7000×950×1750mm	7000×1020×1750mm
Weight	4000kg	5000kg

# DPB-260/330

Flat-plate Automatic Blister Packing Machine ( Lathe Guide Rail Type )

## Technical characteristics

- The lathe guide rail casting machine base is subject to high temperature tempering and aging treatment, which eliminates the stress and is not easy to deform.
- The key components like each module box are processed with special equipment to ensure accuracy and strong interchangeability.
- The forming, heating sealing, perforation and punching station can be adjusted at any position on the triangular bar and flat bar guide rail to adapt to different length of blisters.



## Main Technical Parameter

Model	DPB-260	DPB-330
Punch Frequency(times/min)	30-50	30-50
Capacity(Blister/h)	7200-12000(Standard 80×57)	9000-15000(Standard 80×57)
Max Forming Area Depth(mm)	standard:250×160×26	standard:310×160×26
Stroke(mm)	20-120(can be designed as user's requirements)	
Standard Blister(mm)	80×57(be designed as user's requirements)	
Air Supply	≥12m <sup>3</sup> /h 0.6-0.8Mpa	
Total Power	380V/220V 50HZ 12KW	
Main Motor Power(KW)	1.5kw	
PVC Hard Sheet (mm)	0.15-0.5×260	0.15-0.5×320
PTP Alminum Foil(mm)	0.02-0.035×260	0.02-0.035×320
Dialysis Papret(mm)	50-100g/m <sup>2</sup> ×260	50-100g/m <sup>2</sup> ×320
Mould Cooling	tap water or recycle water 60L/h	
Overall Dimension(mm)(LxWxH)	3350×650×1602(Length can be customized )	3350×820×1640(Length can be customized)
Weight(kg)	1600	1700

# DPB-100/140

Flat-plate Automatic Blister Packing Machine

The product is specially designed for hospital dosage room, laboratory institute, health care products factory, medium and small pharmacy factory, and featured by compact machine body, easy operation, multi function, stroke adjustable, hard-wearing quality etc. It is widely used in ALU-PVC packing for Medicine, food, electronic components etc.



## Main Technical Parameter

Model	100	140
Punch Frequency	8-35Times/min	10-40Times/min
Capacity	2100Blister/h(Standrd80×57mm)	3600Blister/h(Standrd80×57mm)
Max Forming Area And Depth	80×110×20mm	130×110×20mm
Stroke	20-70mm	20-120mm
Standard Blister	80×57mm, 80×35mm, 95×65mm, 105×42mm, 105×55mm(can be designed au use's requirements)	
Air Supply	12m <sup>3</sup> /h 0.6-0.8Mpa	12m <sup>3</sup> /h 0.6-0.8Mpa
Total Power	380V/220V 50Hz 3.2kw	380V/220V 50Hz 8kw
Main Motor Power	0.75kw	0.75kw
PVC Hard Pieces	0.15-0.5×115mm	0.15-0.5×140mm
PTP Aluminum Foil	0.02-0.035×115mm	0.02-0.035×140mm
Dialectic Paper	50-100g/m <sup>2</sup> ×115mm	50-100g/m <sup>2</sup> ×140mm
Mould Cooling	tap water or recyle water 60L/h	
Overall Dimension(L×W×H)	1600×600×1100mm	2075×440×1353mm
Weight	385kg	800kg

# DPB-420/520

## Automatic Vacuum Blister Packing Machine

### Application

This machine is applied to anti-corrosion and moisture-proof vacuum packaging of food, medicine, electronics and etc.

- Adopt full set of Mitsubishi HMI, PLC and servo control system. With easier operation, higher precision and lower failure rate.
- Optical tracking system adopt 1:3 color sensor, which can sense all colors and transmit strong signal. Make sure to use color film, and make the color film with bottom film's forming area accurately.
- Adopt high-quality stainless steel chain and film clamp drive system to ensure the clamping force, transmission efficiency and service life.
- Optional with powerful waste recycling system to ensure recovery on both sides of the bottom film in a timely and effective.
- Optional with code machine or inkjet printer according to user's requirements. Two types of coding methods include cylinder control code and servo control code for client's choice.



▲ Cross cut for bevel shape packing by servo motor

▲ Vertical roll-cut device

▲ Waster edge collecting device

### Main Technical Parameters

Work Capacity	200-400times/hour
Packing Material	Vacuum stretched composite film, up film width 400(500)mm, low film width 420(520)mm. inner bore 70mm
Max. Forming Dimension	375 × 480 × 50mm(475 × 480 × 50mm)(L × W × H)
Overall Dimension	7600 × 1100 × 1900mm(L × W × H)
Total Power	380V/220V 50Hz 22kw
Compressed Air	15m <sup>3</sup> /h 0.6-0.8Mpa ( Equip by customer)
Mould Cooling	tap water or recyle water 60L/h
Vacuum Exhaust Capability	160-200m <sup>3</sup> /h
Weight	2500kg

# DPB-420/520

## Flat-plate Soft Plastic Blister Packing Machine

- This Machine is Widely used in Paper-PE blister packing for medical Appliances(Such as syringe needle, injector, pledget)
- It can continuously finish the full processing of heating in machine for PE film, Forming the blister, filling appliances, sealing, batch number printing, vertical and horizontal cutting and output the final product.
- This machine adopts PLC controller, human-machine interface, servo motor system, photocell register system, and optional with online printing system.



▲ No needle rejection device

▲ Mechanical hand automatic feeding

▲ Ink jet printing with X,Y direction

### Main Technical Parameter

Package Scope	Suitable for package of many kinds of sensitive and anti-pollution materials, medical appratus and instruments Chinese and western medicine, electron, chemical products and foodstuff etc.
Capability	6-12times/minute (1)40 Syringes/time (2)syringe 1ml 22 Syringes/time 2.5ml 20 Syringes/time 5ml 18 Syringes/time 10ml 16 Syringes/time
Package Materials	Paper-plastic, plastic-plastic and other compoudbd film suitable for sealing(or the hard plastic less than 0.2mm), Width of the upper film is 400(500)mm and lower is 420(520)mm
Maximum Inner Dimensions	420: 375 × 375 × 50mm 520: 375 × 475 × 50mm(L × W × D) If need More larger forming areas, can be design end in addition
Overall Dimension	420: 6478 × 1150 × 1621.5mm 520: 6478 × 1270 × 1621.5mm(L × W × H) (can be designed as user's requirements)
Total Power	380V/220V 50Hz 12kw
Air Suppil	12m <sup>3</sup> /h 0.6-0.8Mpa
Mould Cooling	tap water or recyle water 60L/h
Weight	420: 1700kg 520: 2000kg

# DXH-300/400/500

Automatic High Speed Cartoning Machine



This product is suitable for high-speed cartoning of blisters, bottles and other objects, with a maximum speed of 500 boxes per minute. The electro-mechanical integrated product developed by using advanced technology is composed of feeding-leaflet folding-box opening-blister and leaflet inserting into the box-carton batch number printing-sealing-finished product output and other parts. It adopts the integrated automatic control of machinery, electricity, light and air to realize the automatic production of medicine. Advanced detection means are used in all operation links, and unqualified products are automatically removed to ensure that the qualified rate of finished products is 100%, Human error is controlled to the minimum, which effectively prevents the quality degradation caused by the pollution of drugs in the packaging process, ensures that the drug packaging production process fully meets the requirements of GMP, and greatly reduces the production cost and labor intensity. Among them, the full servo model uses 12 sets of power servo and 6 sets of automatic adjustable servo to achieve high stability and synchronous operation, and can adjust the size with one key to facilitate variety replacement.



▲ Digital display regulating mechanism

▲ Feeding mechanism

▲ High speed box sucking device

## Main Technical Parameter

Model	DXH-500	DXH-400
Cartoning Speed	100-500(ctns/min)	100-400(ctns/min)
Carton Size (L×W×H)	(90-170)×(35-85)×(15-50)mm	(90-170)×(35-85)×(15-50)mm
Leaflet Size (L×W)	(100-320)×(100-210)mm	(100-320)×(100-210)mm
Power	380VAC, 50HZ 10KW	380VAC, 50HZ 5KW
Main Motor	2Kw	2Kw
Air pressure	0.5-0.7Mpa	0.5-0.7Mpa
Air consumption	≥2m <sup>3</sup> /h	≥2m <sup>3</sup> /h
Overall Dimension	5300×1700×1750mm	5300×1700×1750mm
Weight	5500kg	5500kg

# ZHJ-200/260/400

## Automatic High Speed Cartoning Machine

This machine is suitable for packing blisters, tubes, ampoules and other related objects into boxes. It can run continuously and the highest speed can up to 370 boxes/min. It has advantages of high packing efficiency and good quality, and is hi-tech product with structure of electrical integration. This machine can fold leaflet, open box, insert blister into box, emboss batch number and then close automatically. It adopts frequency inverter to adjust speed, human machine interface to operate. PLC to control. and photoelectric to supervise and control each station. So that once something unexpected happens, it will stop and display the reasons automatically, which can solve the troubles in time. This machine can be used separately, and also can be linked to other machine to be a Production line. Note: this machine can also equip hot melt glue device to do hot melt glue sealing for box.



▲ ZHJ-260



▲ ZHJ-400



▲ Optional for GUK C2000 leaflet folding device

▲ Optional for GUK C91 leaflet folding device

▲ Box pressing device can be easy open

### Main Technical Parameter

Model	ZHJ-200	ZHJ-260	ZHJ-400
Cartoning Speed	≤ 200 ctns/min	≤ 260 ctns/min	≤ 400 ctns/min
Carton Size (L × W × H)	(65-170) × (28-87) × (15-55)mm	(65-170) × (28-87) × (15-55)mm	(65-170) × (28-87) × (15-55)mm
Leaflet Size (L × W)	(110-320) × (100-180)mm	(110-320) × (100-180)mm	(90-320) × (100-180)mm
Power	380VAC, 50HZ 5KW	380VAC, 50HZ 5KW	380VAC, 50HZ 5KW
Main Motor	2Kw	2Kw	2Kw
Air pressure	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa
Air consumption	≥ 2m <sup>3</sup> /h	≥ 2m <sup>3</sup> /h	≥ 2m <sup>3</sup> /h
Overall Dimension	4400 × 1500 × 1800mm	4400 × 1500 × 1800mm	4400 × 1500 × 1800mm
Weight	4000kg	4000kg	4000kg

# ZHJ-150/CT-180

## Automatic Cartoning Machine

This machine is suitable for packing blisters, tubes, ampoules bottle and other related objects into boxes intermittently. The maximum speed can reach 130 boxes/min, the box size is suitable for a large range and convenient to adjust. This machine can fold leaflet, open box, insert blister into box, emboss batch number and close box automatically. It adopts inverter to adjust speed, human machine interface to operate, PLC to control. Photoelectric to monitor and control each station automatically, so that once something unexpected happens, it will stop and display the reasons automatically, which can solve the troubles in time. This machine can be used separately also can be linked together with blister packing machine or other equipment to be a production line. Note: this machine can also equip with hot melt glue device to do hot melt glue sealing for box.



**CT-180**



▲ Turn table for bottle

▲ Feeder for soft bag packing

▲ Hot melt glue sealing device



**ZHJ-150B**

**ZHJ-150H**



**ZHJ-150H**



▲ Hot melt glue machine

▲ Multiple blister feeder by servo motor

### Main Technical Parameters

Model	ZHJ-150B	ZHJ-150H	ZHJ-150K	CT-180K
Production Capacity	100 boxes/min	130 boxes/min	90 boxes/min	130 boxes/min
Size Of Box(L × W × H)	(58-190) × (25-97) × (15-60)mm	(58-190) × (25-97) × (15-60)mm	(70-240) × (80-139) × (20-80)mm	(70-240) × (70-139) × (20-80)mm
Specification Of Box	250-300g/m <sup>2</sup>	250-300g/m <sup>2</sup>	300-400g/m <sup>2</sup>	250-300g/m <sup>2</sup>
Size Of Leaflet(L × W)	(90-320) × (100-180)mm	(90-320) × (100-180)	(110-320) × (100-180)	(110-320) × (100-180)
Specification Of Leaflet	70g/m <sup>2</sup>	70g/m <sup>2</sup>	70g/m <sup>2</sup>	70g/m <sup>2</sup>
Air Consumption	2m <sup>3</sup> /h	2m <sup>3</sup> /h	2m <sup>3</sup> /h	2m <sup>3</sup> /h
Total Power	380V 50HZ 1.5kw	380V 50HZ 3KW	380V 50HZ 3KW	380V 50HZ 3KW
Overall Dimension(L × H × W)	3300 × 1150 × 1900mm	3400 × 1150 × 2000mm	3900 × 1350 × 1900mm	3800 × 1515 × 1780mm
Weight	1500kg	1800kg	2200kg	2400kg

# HZB Series

## Reciprocating Automatic Flow Wrapping Machine

### Applications:

This machine is designed for the second packing of the ALU-PVC blister in the pharmaceutical industry, to improve the moisture resistance and increase the lightproof. This machine adopts PLC to make it programmable. The reciprocating end sealing mechanism, sealing official firmly, sealing film cutter lossless, the end closure gusseted device, making bags more beautiful, improving product quality, saving packing costs. Equipped with automatic code device that can print the production date, batch number and others on the packaging.



### Main Technical Parameters

Model	HZB-250-100	HZB-500-160	HZB-420-200	HXZB-420-300
Production Speed	30-100Bags/min	30-160Bags/min	30-200Bags/min	30-300Bags/min
Bag Size	L:80-180mm	L:80-160mm	L:100-300mm	L:110-150mm
	B:30-110mm	B:40-80mm	B:30-80mm	B:20-140mm
	H:5-35mm	H:1-60mm	H:15-80mm	H:5-35mm
Expand The Width Of Packaging Film	< 250	< 500	< 420	< 420
Packaging Materials	Aluminum foil, Aluminum laminated films, composit membrane			
Packaging Material Thickness	thickniyss range 0.03-0.07mm.			
Rated Frequency	50HZ	50HZ	50HZ	50HZ
Rated Voltage	AC220V	220V	220V	220V
Total Power	2KW	3.5KW	6KW	11KW
Weight	750kg	1100kg	1200kg	1200kg
Overall Dimension(L×W×H)	3550×770×1600mm	3700×970×1700mm	3700×1200×1800mm	3700×1200×1800mm

# HLG-300

## Tridimensional Packing Machine(completely servo controlled)

The fuselage and components of the equipment adopt all aluminum high-end advanced design, adopt imported electrical original, completely servo controlled control, human-machine interface operation, make the process of the equipment more stable and convenient, and can be used in the market of medicine, food and cosmetics. Suitable for packing of various specifications, such as single carton or multiple carton stacking; and complete package with six sides, transverse envelope folding package. It can be combined with packing machine, inkjet printer and other mechanical production.

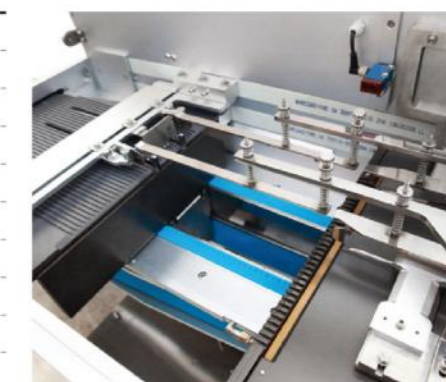


### Technical characters

- Completely servo controlled model, a total of 6 servo motor drive, accurate control, stable operation, one-click restore settings;
- The whole machine modular design concept, 5 minutes to replace the whole machine mold;
- Balcony design structure, ergonomic design, the operation process front of the machine, no sanitary dead angle, easy to clean, in line with GMP standards;

### Main Technical Parameters

Speed	20-60Bags/min
Packing size range	(30-300)×(60-250)×(15-150)mm
Packaging Materials	BOPP、PVC
Exit height	890±30mm
Total power	10kw
Voltage	380v 50Hz
Rated exhaust pressure	0.6Mpa
Air flow volume	20L/min
Weight	1450kg
Dimensions	(1000输送+2350主机)×1550×1700mm



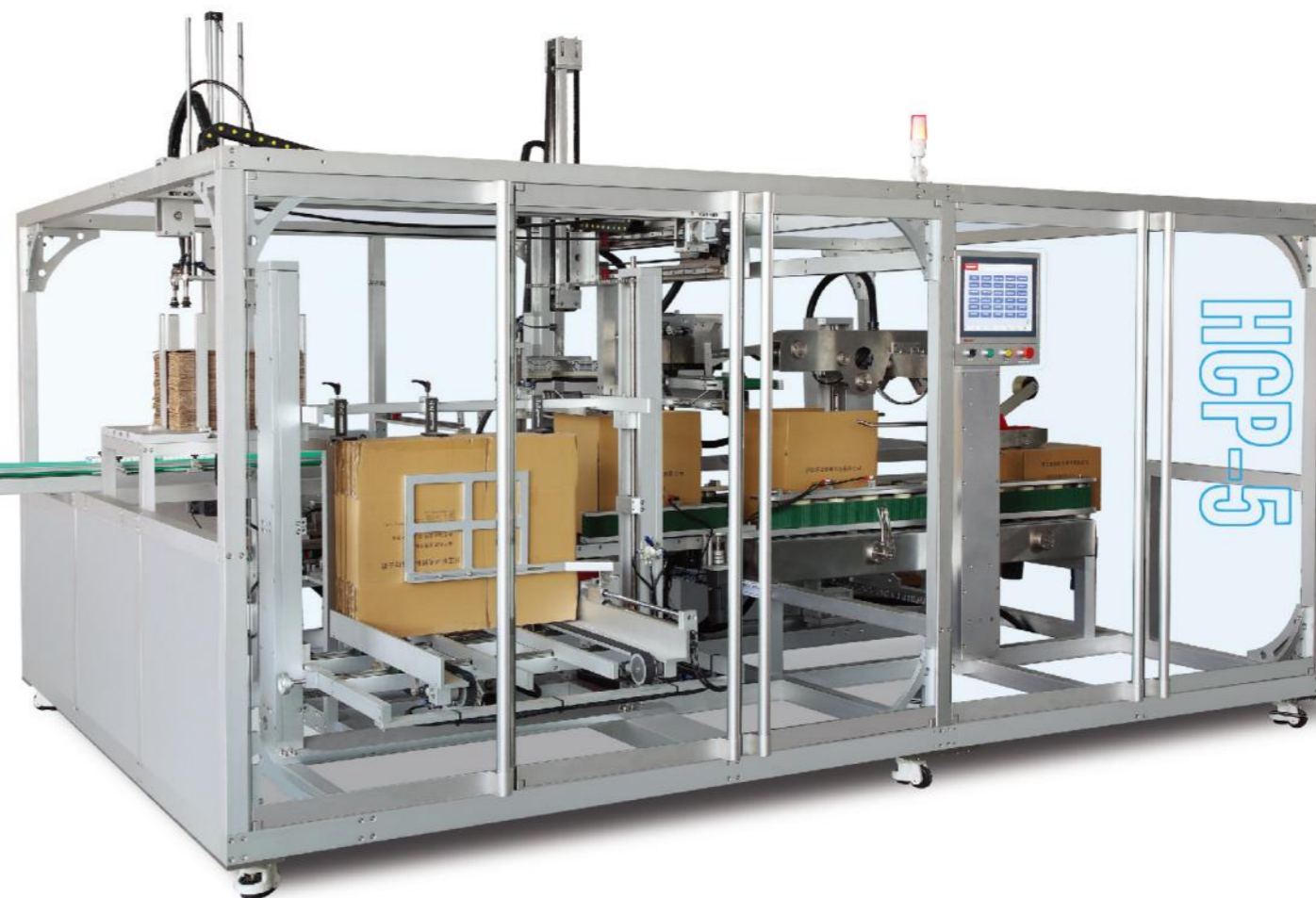
# HFB-60

Automatic High Speed Film Bundling Machine



# HCP-5

Automatic Case Packing Machine



## Main Technical Parameters

Model	HFB-35	HFB-60
Bundling Speed	25-35 Bags/min (according to box size and palletizing type)	30-60 Bags/min (according to box size and palletizing type)
Bundling Size	Max.250 × 250 × 300mm, Min50 × 60 × 90mm	
Package Size	PE膜 (Width 30-80mm,Thickness 30-80mm)	
Power supply	220V/50HZ	
Total power	3KW	
Air pressure	0.6-0.8MPa	
Weight	980KG	
Transportation Size	1800 × 296 × 840 mm (Connect the upstream of cartoning machine)	
Machine Size	1900 × 1000 × 1850 mm	

## Applications:

HCP-5 automatic case open sealing machine is a new product developed by our company in combination with foreign technology. It can connect bundles, three-dimensional, heat shrinking and other machines. The back end can be directly packaged and palletized to achieve a complete package production line. The equipment adopts all-aluminum high-end advanced design, adopts imported electrical components, PLC, human-machine interface operation, making the equipment running process more stable and convenient, with automatic unpacking, automatic packing, automatic sealing and other functions, can be used in the pharmaceutical, food, and cosmetics industries the device complies with GMP standards.

## Main Technical Parameters

Bundling Speed	≤5cases/min depend on the loading quantity
Bundling Size	Max. 550 × 400 × 350mm, Min. 300 × 180 × 150mm
Package Size	Max. 500X350X320mm
Power supply	Power supply: AC380/三相/50Hz Power consumption: 7.5kw
Total power	Pressure: 0.6MPa Power consumption: ≤1m³/h
Air pressure	4580*2150*2800mm
Weight	2500kg

# GF-400/800F/L

## Automatic Tube Filling And Sealing Machine

This machine adopts 12station design. Suitable for all kinds of folding packing for tube. The same machine can easily realize the plastic tube and the metal tube packing by replacing the moulds and parts. It is an ideal equipment for aluminum tube, plastic tube and various tube filling and sealing in cosmetic, pharmacy, foodstuff, adhesives etc industries, and it complies with the standard of GMP.



- High grade operation screen with LCD display and PLC control, easy operation and more humanization by stepless speed adjust, parameter set, output count, pressure index and failure display.
- Automatically executing tube supply, photocell register, inner gas filling (option 1), material filling and sealing, batch number printing, final products output.
- High precision photocell register, that reduces the chromatic aberration scope.
- Adjustment parts external in position, position digital display, convenient and accurate adjust (suitable for variable products producing).
- Mechanical, photoelectrical, electric, pneumatic integrative controlling, reaches no tube no filing function: warning if tube error positioned or pressure too low, it will automatic stop while open the protective door.



### Main Technical Parameter

Model	GF-400L	GF-800L	GF-400F	GF-800F
Tube Material	Metal tube, ALU tube		Plastic tube, laminated tube	
Tube Diameter(mm)	φ12-φ42	φ13-φ40	φ13-φ60	φ13-φ50
Tube Length(mm)	50-220(customizable)	50-220(customizable)	50-220(customizable)	50-220(customizable)
Filling Volume	5-400ml/支(Adjustable)	5-400ml/支(Adjustable)	5-400ml/支(Adjustable)	5-400ml/支(Adjustable)
Filling Accuracy	≤ ±1%	≤ ±1%	≤ ±1%	≤ ±1%
Speed(r/min)	3-10		2.5-7	
Product Capacity(pc/min)	30-70(Adjustable)	60-120	30-70(Adjustable)	60-120
Air Supply	0.55-0.65Mpa 0.1 m <sup>3</sup> /min	0.55-0.65Mpa 0.1m <sup>3</sup> /min	0.55-0.65Mpa 0.1 m <sup>3</sup> /min	0.55-0.65Mpa 0.1m <sup>3</sup> /min
Motor Power	2Kw(380V/220V 50Hz)	2.2Kw(380v220v 50Hz)	2Kw(380V/220V 50Hz)	2.2Kw(380v220v 50Hz)
Heat sealing Power	3Kw	6Kw	3Kw	6Kw
Overall Dimension(mm)	2620×1020×1980	3270×1470×2000	2620×1020×1980	3270×1470×2000
Machine Weight(kg)	1100	2200	1100	2200

# GF400-ZHJ120

Automatic Tube Filling and Sealing  
Cartoning Packing Production Line



▲ GF800-ZHJ260



The Production line is a high technical integrative equipment which successfully developed and designed on the base of many years experiences of manufacturing machine, it's adopted with PLC, human-machine interface operation panel, and it can automatic execute tube supply, photoelectrical register, filling and sealing batch number printing, finished product output, leaflet folding, box open, object feeding into box, batch number (including manufacture date) print, and boxes edge sealing. It also can be equipped with 3-dimensional film packing machine, heat shrink packing machine, case packing machine as production line, can meet the requirement of mass production.

# SLB-160/260/400

Strip Packing Machine



It is suitable for automatic double-aluminum foil packing for tablets and Pills in Medical industry, Chemical Industry, Foods etc industry. It achieves the requirement of sealed proof-light, and it can be used in double plastic packing. It adopts vibrating feeding materials, eliminating pieces, counting, vertical and horizontal indentation, cutting scrap, batch number and other processes automatically. This machine with complete function, convenient operation, accurate feeding, tight sealing, stable performance, it can not only improve the product, but also can guarantee the quality. It is an ideal equipment for pharmaceutical industry. It has passed appraisal of Science and Technology Achievement in Zhejiang Province, and qualified with GMP standard.

## Main Technical Parameters

Model	SLB-160	SLB-260	SLB-400
Speed Of Roller(roller/min)	7-15 (Frequency adjusting speed device)	7-15 (Frequency adjusting speed device)	7-15 (Frequency adjusting speed device)
Capacity	2-6万片/时20-60thous pice/h	2-8万片/时20-80thous pice/h	4-16万片/时20-80thous pice/h
Max Packing Dimensions	160mm	250mm	400mm
PVC For Medicine	Can be designed as user's requirements		
AL-plastic Combined Film	0.05-0.1 × 160mm	0.05-0.1 × 250mm	0.05-0.1 × 400mm
Hole Dia Of Reel(mm)	0.08 × 160mm	0.08 × 250mm	0.08 × 400mm
Electrical Thermal Power	Φ40-45mm	Φ40-45mm	Φ70-76mm
Overall Dimension	2.75kw	3.75kw	2kw × 2
Weight	1300 × 750 × 1700mm(L × W × H)	1600 × 850 × 1900mm(L × W × H)	1500 × 950 × 1670mm(L × W × H)
	700kg	900kg	1000kg

# HLZK10-100

Double Rotary Vacuum Pouch Packing Machine



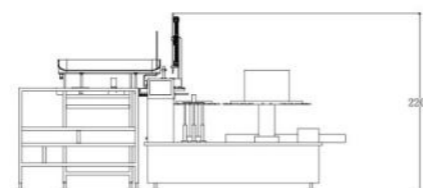
## Suitable For

Replacing different feeders can be applied to Soy egg, quail egg, chicken legs, chicken wings, duck feet and duck liver, beef jerky, Rice-meat dumplings, peanuts, soybeans, dried tofu, mustard tuber, konjac, vegetarian tripe, green beans, beef tendons, etc



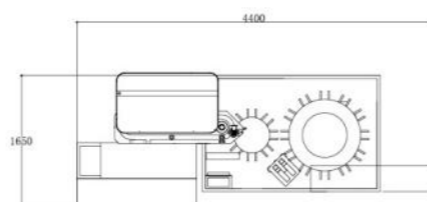
## Working Process

Bag Vacuum Packing machine could realize auto packing by using a vacuum arm to pick up bags, auto opening the bag, auto printing batch numbers and auto feeding and sealing.



## Main Technical Parameter

Bag Type	Flat Bag
Packing Size Range	W: 55-100mm L: 60-180mm
Packing Speed	80-100pouches/min the speed depends on the product status and filling weight)
Total Power	9KW
Air Consumption	0.6m <sup>3</sup> /min(supply by user)



# HLGD8-200/240

Premade Pouch Rotary Packing Machine

Pouch Packing Machine for Large Irregular Block Shaped Particles

Suitable for dried fruits, chocolate, candy, pastries, nuts, peanuts, melon seeds, potato chips, etc.

【HLGD8-200/HLGD6-300 Pouch Packaging Machine+Elevator+Computer Combination Scale】



## 主要技术参数 Main Technical Parameter

Model	HLGD8-200	HLGD8-240	HLGD6-300
Mechanical workstation	Eight-working station		Six-working station
Machine weight	1200kg	1500kg	1200kg
Packaging bag materials	composite film, PE, PP, etc		
Packaging bag type	self-supporting bag, flat bag (three side seal, four side seal, zipper bag)		
Packaging bag size	W: 100-200mm L:100-350mm	W:100-240mm;L:100-350mm	W:200-300mm L:100-450mm
Packaging speed	≤60bags/minute	≤50bags/minute	12-50bags/min
Voltage	380V three-phase 50Z/60HZ		
Total power	4KW		4.2KW
Air consumption	0.6m <sup>3</sup> /min		0.6m <sup>3</sup> /min

# BG Series

## High-efficient Tablet Coating Machine

### Usage

This machine adopts new Micro-computer PLC and Temperature control system, touch Screen display, simple operation, high efficiency and energy saving, clean and safe, complying with the requirement of GMP, it is widely used in Pharmaceutical and Food industries for tablet, pill, candy, chocolate etc to make solvent film coating, organic film coating, sugar coating.

### Main Machine

It is adopted with imported stainless steel, with anti-explosion motor, frequency governor, with cleaning device, computer control, controllable program function, touching screen display.

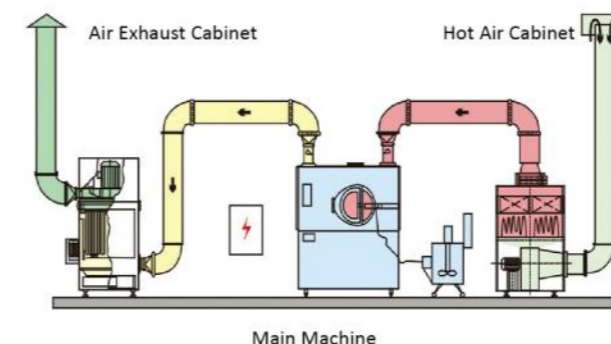


### Main Technical Parameters

Model	BG-40 D/E	BG-80 D/E	BG-150 D/E	BG-400 D/E
Max. Capacity(kg)	40	80	150	400
Power Of Main Machine(kw)	1.1	1.5	2.2	3
Speed Of Drum(rpm)	3-28	3-24	2-20	1-13
Weight Of Main Machine(kg)	550	750	900	1650
Overall Dimensions Of Main Machine(L×W×H)mm	118×850×1520	1390×1050×1720	1750×1320×2020	2000×1680×2590
Power of High Efficiency Filter Air Heater(kw)	1.1	1.5	2.2	3
Overall Dimensions Of High Efficiency Filtering Air Heater(L×W×H)mm	810×700×1720	950×800×2080	1080×820×2500	1100×910×2500
Weight Of High Efficiency Filtering Air Heater(kg)	300	350	400	450
Power Of Dust Cleaning Air Exhauster(kw)	2.2	3	5.5	7.5
Overall Dimension Of Dust Cleaning Air Exhauster(L×W×H)mm	730×730×1660	900×800×1900	1060×1100×2100	1140×1140×2500
Weight Of Dust Cleaning Air Exhauster(kg)	300	350	500	600
Power Of Steam And Electro thermal Dual-purpose Heat-insulating Mixer(kw)	4	4	4	4

# BG-150

## High-efficient Tablet Coating Machine



### Schematic principle

The core will make orbital motion continuously in rotary drum sieve which is the clean and sealed, under the action of plate mixer, turning freely, exchanging fluently, follow the process flow and rational parameter, coating automatically. While the hot air through the core and discharged from the bottom of the holes under the negative pressure of the air exhauster to make the coating medium drying quickly and the surface of coating firm and smooth.



### Atomizing Device

It is composed of peristaltic pump, high pressure airless pump, spray gun, silicone rubber pipe, steam and electro-thermal double-purpose mixer. (drop pipe for sugar coating).

# NJP Series

## Automatic Capsule Filling Machine

NJP series automatic capsule filling machine are newly invented machine, which is produced to meet high production capacity requirement on the basis of the original NJP series capsule filling machine. This machines has dual capsule turn around device, and dual capsule hole moulds. It can increase the production capacity without increase operator and space.



This machine is designed further improved on the base of original, capsule filling machine, with high technology and exclusive performance. It is function can reach international leading level, it is an ideal equipment for capsule and medicine in pharmaceutical industry. It's performance and feature as follows:



- Good-looking appearance, exquisite workmanship, simple to operate, easy to use.
- Stowage seat and measuring plate are designed as one unit to make measuring plate and stowage rod without deviation, Phenomenon avoid friction Phenomenon between stowage rod and measuring plate, improve its precision highly, furthermore, it prolongs the machine's life greatly.
- Empty capsule can be eliminated automatically(qualified rate not included), the medicine in the capsule can be recycled and be reused thus it can increase greatly economic efficiency.
- Simplicity and convenience of dismantling, installation and clean, various models of mould can be replaced each other, the mould of 80 model and 1000model as well as 1200 model can be replace mutually on the same machine to meet different requirement of capacity.
- Dust collector and vacuum pipe as well as waste air Pipe are installed in the inner of the machine to avoid the air pipe becoming hard, bard broken and leakage etc phenomenon, it is more convenient to clean the platform. Furthermore, it accords with the requirement of GMP that medicine can not contact with organic material.
- The cap of stowage rod is made of stainless steel which replaces original plastic cap to void breaking Phenomenon; the screws and caps on the platform lesser to make the whole appearance more good-looking.



▲ Capsule up and down mould blocks

▲ Double capsule transmit device

▲ Capsule transmit device

### Main Technical Parameters

Machine Model	NJP800	NJP1000	NJP1200	NJP2500	NJP3800	NJP7500
Capacity(capsule/min)	800	1000	1200	2500	3800	7500
Quantity Of Die Holes	6	8	9	18	27	54
Capsule Size	NO.00-5					
Filling Precision	> 99%					
Electric Power Supply	380V50HZ					
Noise	< 80dBA					
Vacuum Degree	0.02-0.06Mpa					
Degree Of Power(kw)	5.5kw		6.74 kw		9.5 kw	10.5 kw
Overall Dimension(mm)	970×820×1900		1150×1040×2230		1430×1280×2080	1700×1220×2015
Weight(kg)	900kg		1400kg		2400kg	3400kg

# Ointment Vacuum Emulsifying Machine

## Characteristic

The machine has easy operation, steady capability, good homogeneity, high efficiency, reasonable structure, small volume and high automation level and easily clean.



5L/10L laboratory emulsifier

## Advantage

The machine has triple blender, hydraulic lift covet, high-speed homogeneity blender (Speed is 0-3500r/min, frequency speed regulation) and low-speed scraper blender (Speed is 0-40r/min, frequency speed regulation). Fast-cutting vortex emulsification blender is used in the homogeneity part, which can scrape in a low speed and automatically blend and snuggle up to the bottom and wall of boiler. The machine draws powder material by the way of vacuum in order to prevent the powder flying. The whole working procedure is operated in the condition of vacuum in order to prevent the material coming into being bubble after high-speed blending and reach the request of sanitation and asepis. CIP cleaning system is equipped in this system. The contact part of vessel and material is made from SUS316L material. Mirror finish of the inside surface is 300EMSH. The machine is made completely according to the GMP request, which is the most advanced and most perfect cream production equipment.



## HLZRJ-10L Pre-Production Vacuum Emulsifying Machine



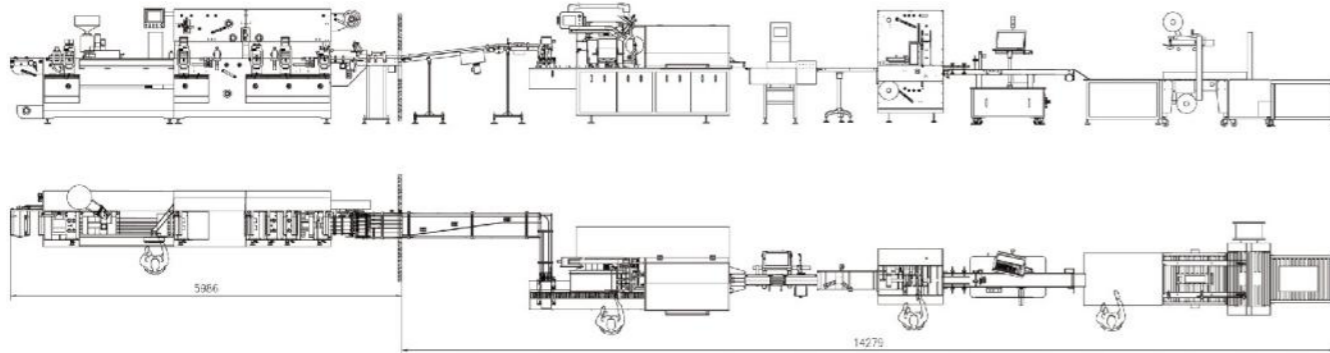
## Suppository Vacuum Emulsifier Whole-set Equipment

### Main Technical Parameters

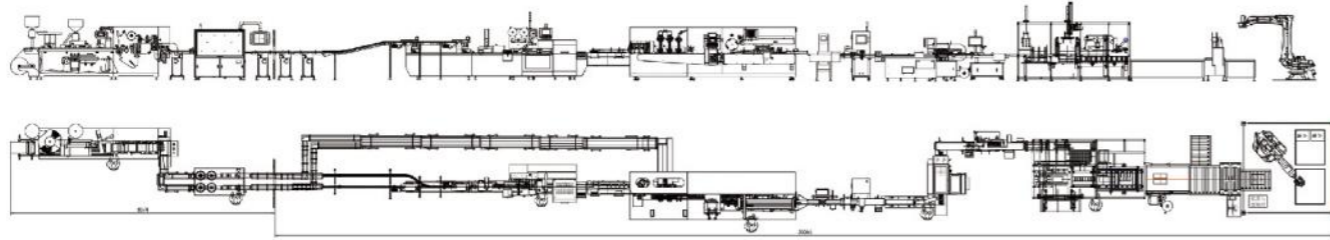
Model	EFFECTIVE CAPACITY	(EMULSITY)		(AGITATOR)		(OUTSIDE DIMENSION)				Total power (kw)
		KW	r/min	KW	r/min	(LENGTH)	(WIDTH)	(HEIGHT)	(MAX H)	
HLZRJ-20	20	2.2	0-3500	0.37	0-40	1800	1600	1850	2700	5
HLZRJ-50	50	3	0-3500	0.75	0-40	2700	2000	2015	2700	7
HLZRJ-100	100	3	0-3500	1.5	0-40	2920	2120	2200	3000	10
HLZRJ-150	150	4	0-3500	1.5	0-40	3110	2120	2200	3100	11
HLZRJ-200	200	5.5	0-3500	1.5	0-40	3150	2200	2200	3100	12
HLZRJ-350	350	7.5	0-3500	2.2	0-40	3650	2650	2550	3600	17
HLZRJ-500	500	7.5	0-3500	2.2	0-40	3970	2800	2700	3950	19
HLZRJ-750	750	11	0-3500	4	0-40	3780	3200	3050	4380	24
HLZRJ-1000	1000	15	0-3500	4	0-40	3900	3400	3150	4550	29
HLZRJ-1500	1500	18.5	0-3500	7.5	0-40	4000	4100	3750	5650	42
HLZRJ-2000	2000	22	0-3500	7.5	0-40	4850	4300	3600	不带升降	46

## Various Customized Connection Solutions

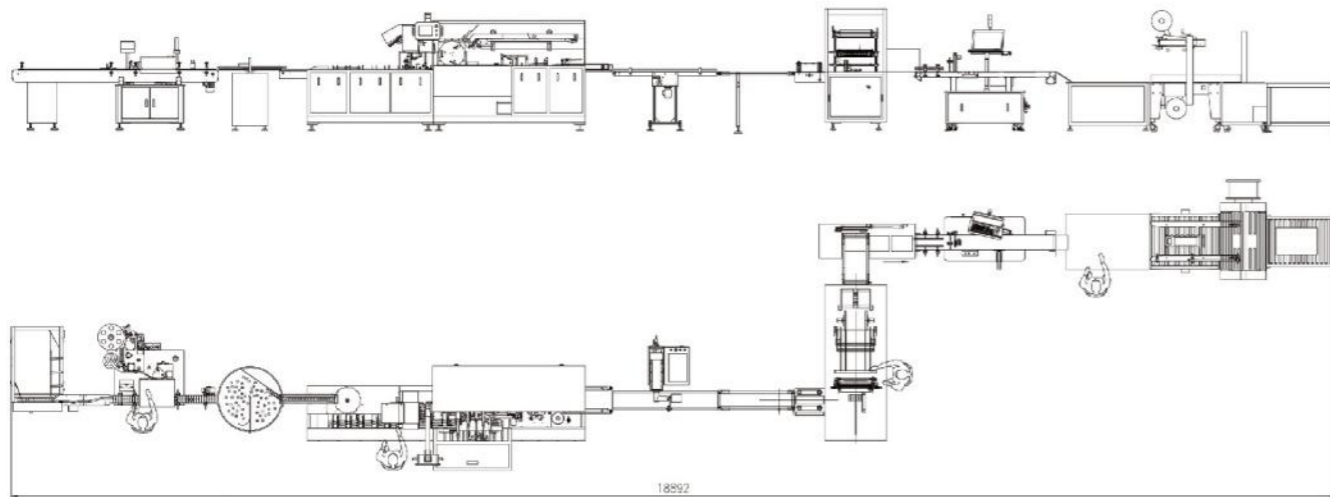
- Flat-plate ALU-PVC-ALU blister packing machine- intermittent cartoning machine - check weigher - electronic supervision code - manual case-loading platform - sealing and packaging integrated machine



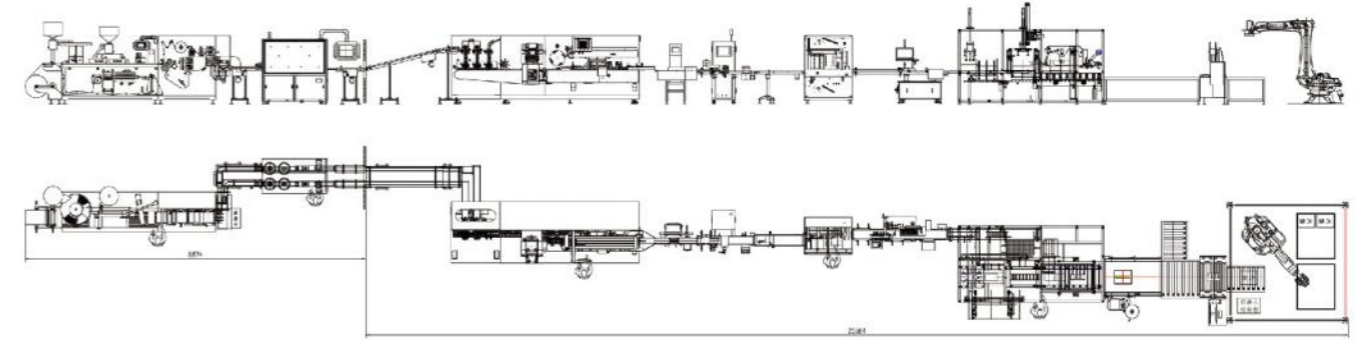
- Lengthened high-speed ALU-PVC blister packing machine - double sided blister inspection machine - high speed flow wrapping machine - high speed complete servo controlled rear push type cartoning machine -check weigher - laser coding -tri-dimensional packing machine - electronic supervision code - integrated machine for opening and sealing cases- case labeling machine - bounding machine - robot stacking (dual use line for with flow wrapping and without flow wrapping)



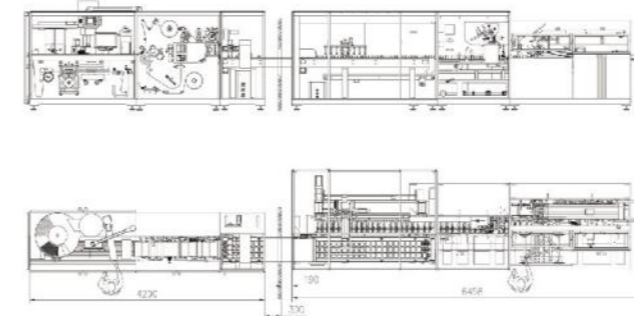
- Labeling machine - high speed cartoning machine - Inkjet printer -tri-dimensional packing machine - electronic supervision code - manual case-loading platform - sealing and packaging integrated machine



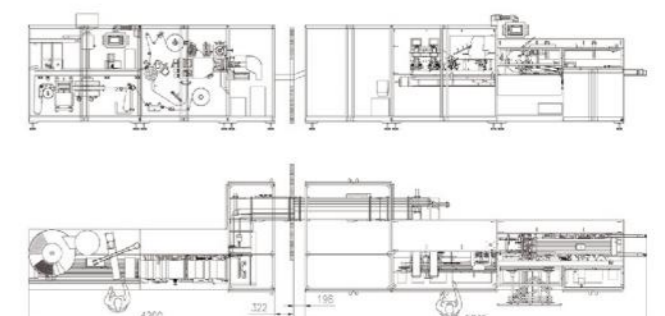
- Lengthened high-speed ALU-PVC blister packing machine - double sided blister inspection machine - high speed complete servo controlled rear push type cartoning machine -check weigher - laser coding -film bundling machine- electronic supervision code - integrated machine for opening and sealing cases- case labeling machine - bounding machine - robot stacking



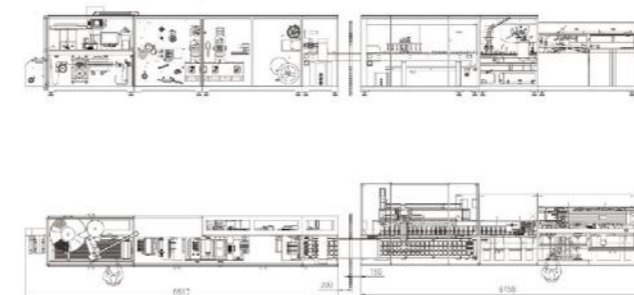
- High speed ALU-PVC-ALU blister packing machine- - high-speed forward push type cartoning machine (with tracking robot connection)



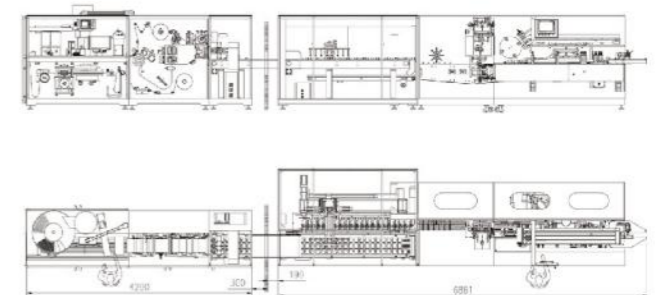
- High speed ALU-PVC blister packing machine -high-speed forward push type cartoning machine (conveyor belt with loading magazine connection)



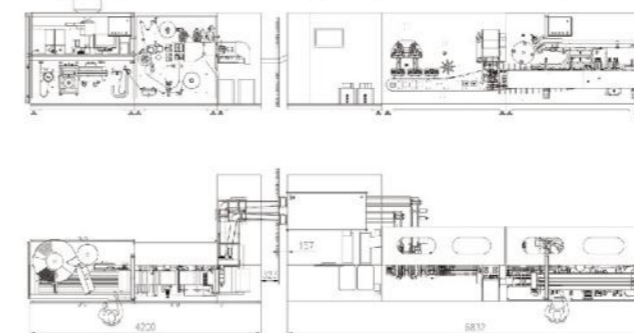
- High speed ALU-PVC blister packing machine -high-speed forward push type cartoning machine (with tracking robot connection)



- High speed ALU-PVC-ALU blister packing machine- - high-speed forward push type cartoning machine (with tracking robot connection)



- High speed ALU-PVC blister packing machine - high-speed complete servo controlled rear push type cartoning machine (conveyor belt with loading magazine connection)



- Oral liquid flat-plate blister packing machine - high-speed cartoning machine (servo tracking and pusher connection)

