

# Pharmaceutical Blister Packaging Machine



# 中国领先的制药设备制造商

China's Leading  
Pharmaceutical Equipment Suppliers



# ABOUT US

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- A global solution supplier focusing on the export of pharmaceutical and packaging equipment Finetech Machinery is a professional manufacture of the pharmaceutical machinery, also is a professional engineering company with rich experience in the pharmaceutical and packaging industries. We've exported thousands of equipment to over 80 countries, provided more than 35 integrated solutions and turnkey projects for our customers from all over the world. Our mission is to provide the finest equipment and service to any people and organization who needs pharmaceutical equipment.

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- In our 33 years in business, Finetech has become one of the top pharmaceutical equipment manufacturers in China.
- Finetech can provide you with complete pharmaceutical equipment solutions, enabling you to set up your pharmaceutical factory from start to finish, from pharmaceutical processing to packaging, quickly getting your business up and running.



# DPP-80»

## PVC Blister Packing Machine

### KEY FEATURES

Utilizes a newly developed domestic transmission system, with a drive chain powering the main transmission shaft, eliminating the errors and noise typically associated with other gear-based transmissions.

Features an imported electrical control system, and can be optionally equipped with a material-missing compensation device, tablet-missing detection and rejection system (Omron sensors). An imported variable frequency drive is used for speed regulation.

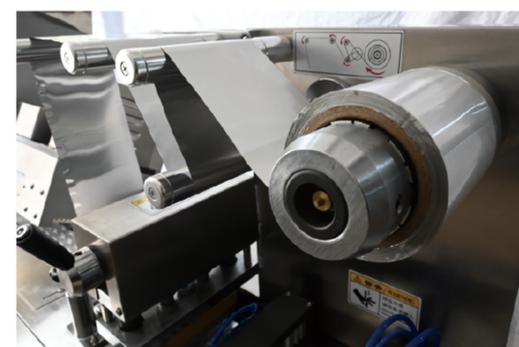
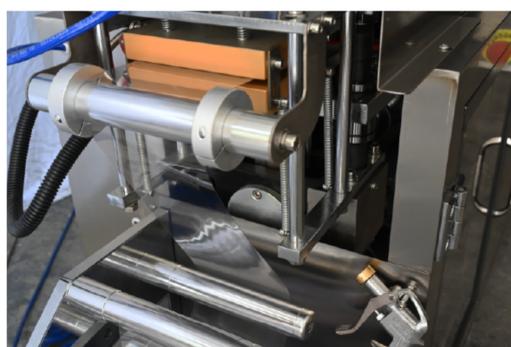
Incorporates a photoelectric control system for automatic feeding of PVC, PTP, and tropical aluminum materials, along with an automatic waste edge punching system, ensuring long-distance, multi-station synchronous stability.

An optional photoelectric registration correction device is available, paired with an imported stepper motor for traction, enabling image-text alignment in printed packaging and enhancing product presentation quality.

Applicable industries: food, pharmaceuticals, medical devices, hardware, and electronics for blister sealing packaging.



The DPP-80 is an automatic, high-efficiency, and precision blister packaging machine designed for the pharmaceutical, health supplement, food, and medical device industries. It is suitable for blister sealing packaging of products such as tablets, capsules, gummies, and sensors.



### DPP-80 PVC Blister Packing Machine

Production Capacity	2000 plates/hour(based on 1 sheet per cycle)	Air demand	≥0.2m <sup>3</sup> /min
Cutting Frequency	10-33 times/minute	Air pressure	0.6-0.8 MPa
Max. forming area	70×100mm	Dialysis paper	50-100 gsm ×80 mm
Max. forming depth	12mm(depth can be customized as per customer requirements)	Cooling of mold	Tap water or cycling water
Size of standard plate	80×57mm	Noise Level	≤75 dBA
Power supply	380V/220V 50Hz, 1.8 kW	Overall size	1400×460×950 mm (L×W×H)
Main motor	0.75Kw	Weight	450Kg

# DPP-100 »

## Blister Packing Machine

### KEY FEATURES

**Simple Machine Structure:** The transmission system has been optimized since the original design, providing a wider forming range, more precise transmission, and lower noise.

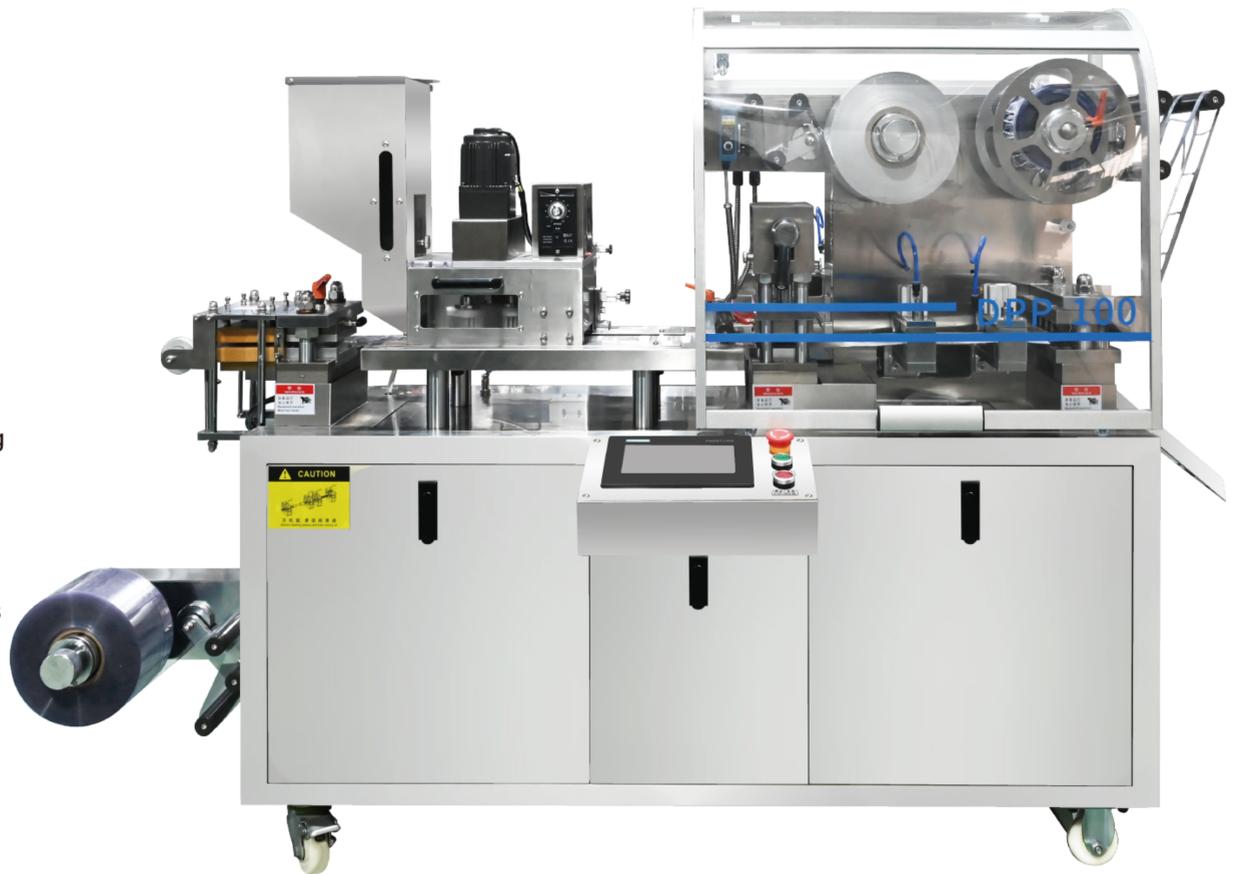
**Hollow Platform:** The working surface is separated from the drive system below, preventing cross-contamination and making cleaning easier.

**Quick-Release Molds:** Each station has a positioning reference for fast mold changes. All adjustment parts have scale markings for precise tuning based on product needs.

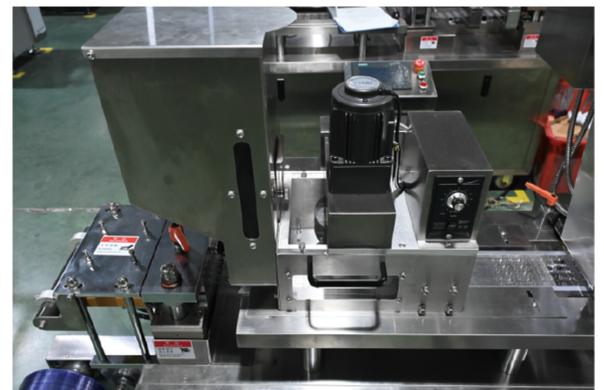
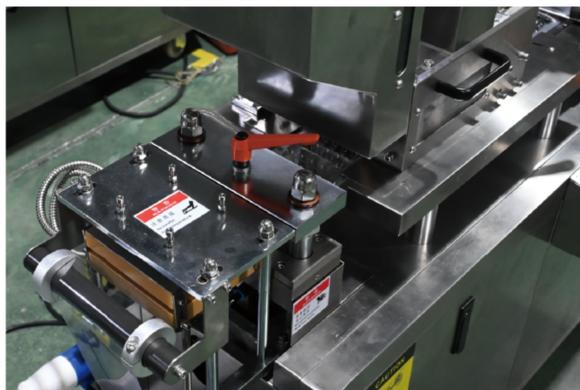
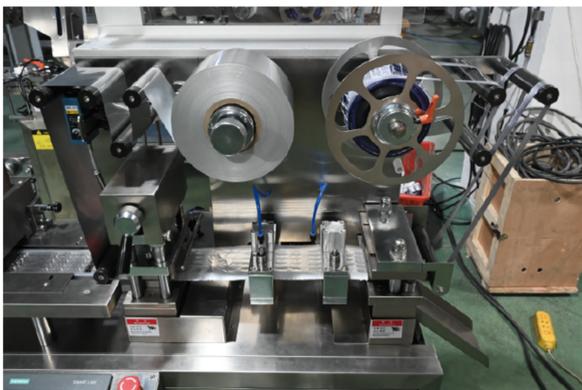
**Automatic Waste Collection:** Waste is collected automatically, enabling standardized, automated production and reducing labor.

**Manual Material Shaft:** Makes loading and unloading material faster and easier.

**Customizable Features:** Includes color mark registration, indentation units, and secondary forming.



The DPP-100 is an economical automatic blister packaging machine that supports aluminum-plastic packaging using PVC or PVDC aluminum foil. It features a servo drive and PLC control and is designed mainly for small to medium pharmaceutical companies, health supplement makers, and labs. It is suitable for individually sealed packaging of tablets, capsules, gummies, and similar products.



### DPP-100 Blister Packing Machine

Production Capacity	2320plates/h	Air demand	≥0.2m <sup>3</sup> /min
Cutting Frequency	1980 plates/h	Air pressure	0.4-0.6Mpa
Adjusting range of travel	35-75 mm (Aluminum-Plastic) 30-75 mm (Aluminum-Aluminum)	Dialysis paper	50-100 gsm ×120 mm
Max. forming area	75x105mm	Cooling of mold	Tap water or cycling water
Max. forming depth	16 mm (Aluminum-Plastic) 12 mm (Aluminum-Aluminum) 24 mm (Customizable)	Width and thickness of PVC and PTP	PVC:0.15-0.5x120mm PTP:0.02-0.035x120mm
Size of standard plate	80x57mm	Overall size	1996x592x1229mm
Power supply	220V 50Hz 3.0Kw	Weight	460 kg (Net Weight) 520 kg (Gross Weight)
Main motor	0.75Kw		

# DPP-150»

## Blister Packing Machine



The DPP-150 is a mid-range automatic blister packaging machine designed for the pharmaceutical, food, and medical device industries. It is suitable for packaging a variety of products such as tablets, capsules, and hard candies. Equipped with dual servo drives and HMI control, it is designed for continuous production and meets FDA cleanroom standards.

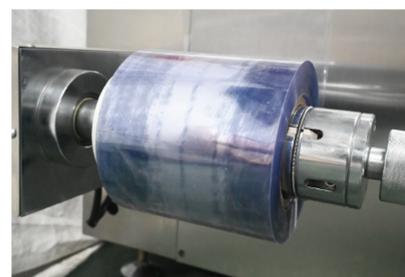
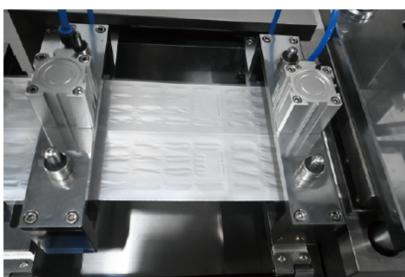
## KEY FEATURES

**Simple Structure:** The transmission system is improved from the original, allowing a wider working range, more precise movement, and quieter operation.

**Compact Size:** Takes up little space and is easy to transport and install.

**Automatic Feeding and Edge Punching:** Ensures stable and synchronized operation across multiple workstations over long distances.

**Customizable Options:** Includes features like color mark alignment with servo control, an embossing mechanism, secondary forming, and waste collection.



### DPP-150 Blister Packing Machine

Blanking	20~50 times/min	Vacuum	0.4MPa-0.6MPa
Production Capacity	1200-4200 plates/h	Noise	<75dBA
Max. Shaping Dia. And Depth	130*100*15mm Max. Depth 26mm (custom-made)	Thickness and Width of PVC	140*0.25~0.5mm
Standard Travel Range	40~110mm	Thickness and Width of PTP	140*0.02~0.03mm
Standard Plate	80*57mm	Dialyzing Paper	50~100g*150mm
Power of Main Motor	1.5kW	Mold Cooling	Running water or circulating water
Total Power	3.78kW	Weight	Net weight 1500 kg ;
Power	380V/220V/50Hz	Overall Size of Machine	2510*750*1450 mm

# DPP-180»

## alu alu Blister Packing Machine

### KEY FEATURES

The bilingual (Chinese-English) touchscreen control panel is simple and easy to use. The PLC display and touchscreen enable intelligent operation.

The machine has two separate functions: PVC forming, filling, and heat sealing are in one section; tropical aluminum cold forming, heat sealing, and punching are in another section. It supports separate packaging and is equipped with an automatic waste film rewinding mechanism for uniform waste collection and orderly blister plate output.

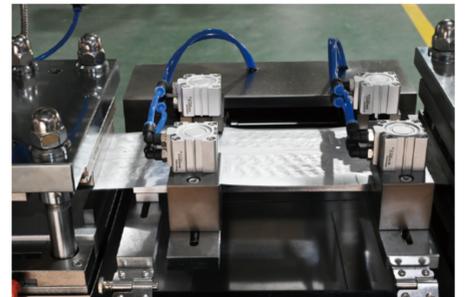
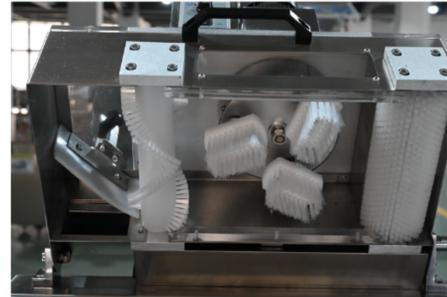
**Stable performance:** Equipped with a photoelectric detection, correction system, and driven by a servo motor to ensure long-distance, multi-station synchronous stability. Printed packaging with image/text alignment enhances the packaging's visual quality.

**External feeding device:** The automatic feeding system handles capsules, tablets, milk tablets, and other materials, eliminating manual feeding time, reducing labor costs, and increasing production efficiency.

The internal wiring of the machine cabinet is clean and well-organized—not only for aesthetics but also to make wiring paths clear at a glance, greatly simplifying error diagnosis and troubleshooting.



The DPP-180 is a high-speed automatic blister packaging machine made for large-scale packaging of medicines, medical devices, and valuable products. It works with both aluminum-plastic (16–24 mm cavity size) and alu-alu blister packs. It supports continuous production and smart data tracking.



### DPP-180 alu alu Blister Packing Machine

Production Capacity	40,000-80,000 Blister plates/h	Size of standard plate	80X57mm
Cutting Frequency	20-40 strokes per minute (Aluminum-Plastic)10-40 strokes per minute (Aluminum-Aluminum)	Power supply	380V 50HZ 5.5Kw
Adjusting range of travel	40-125mm	Main motor	1.5Kw
Max. forming area	170x120mm (Aluminum-Plastic) 160x120mm (Aluminum-Aluminum)	Air demand	≥0.2m <sup>3</sup> /min
Max. forming depth	14mm (Standard Machine) Custom Machine: 26mm (Aluminum-Plastic) 18mm (Aluminum-Aluminum)	Air pressure	0.4-0.6Mpa
Overall size	2670x600x1530mm	Cooling of mold	Circulating water consumption ,50L/H
Weight	1000 kg (Net Weight) 1150 kg (Gross Weight)	Width and thickness of PVC and PTP	Pharmaceutical PVC: 180 x 0.2 – 0.5 mm Aluminum Foil PTP: 180 x 0.02 – 0.03 mm

# DPP-250»

## Automatic Blister Packing Machine



### KEY FEATURES

**Simple Structure:** The transmission system is improved from the original, allowing a wider forming range, more precise movement, and quieter operation.

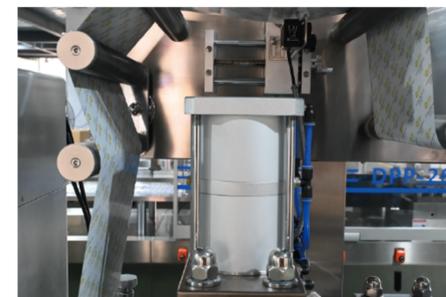
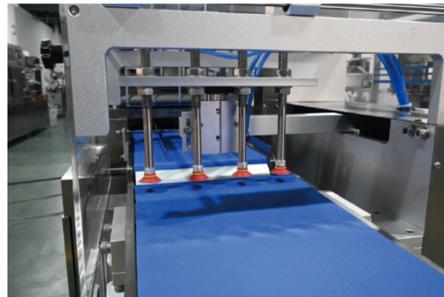
**Pneumatic-Clamp Servo Traction:** Stable and easy to adjust, ensuring smooth and reliable film feeding.

**Dual Registration Forming:** Dual-clamp servo traction guarantees accurate alignment of printed materials.

**Punching and Pushing Device:** Keeps finished products from staying in the mold, preventing damage and waste.

**Customizable Options:** Supports features like color mark alignment and vision inspection, with reserved space for easy installation.

The DPP-250 is a high-speed automatic blister packaging machine with multi-axis servo drives and PLC+HMI smart control. It is made for the pharmaceutical, medical device, and food industries, and is ideal for individually sealed packaging of tablets, capsules, sensors, and similar products.



### DPP-250 Automatic Blister Packing Machine

Packaging Capacity	18k-236k capsules/hour	Main motor	2.2Kw
Cutting Frequency	20-45 strokes/min (Aluminum-Plastic) 10-40 strokes/min (Aluminum-Aluminum)	Air demand	≥0.3m <sup>3</sup> /min
Adjusting range of travel	40-130mm (Customizable 40-160 mm)	Cooling of mold	Circulating water consumption. 60L/H
Max. forming area	130x260mm	Width and thickness of PVC and PTP	Pharmaceutical PVC: 270 x 0.15 – 0.45 mm Aluminum Foil PTP: 270 x 0.02 – 0.03 mm Hard Aluminum: 260 mm
Max. forming depth	14 mm (Standard Machine) Custom Machine: 26 mm (Aluminum-Plastic) 18 mm (Aluminum-Aluminum)	Overall size	3700x720x1650mm
Size of standard plate	80x57mm	Weight	1800kg (Net Weight) 2000kg (Gross Weight)
Power supply	380V 50HZ 7.5kw		

# KEY FEATURES

The machine uses a high-speed rotary drum feeding system combined with precise heat sealing, allowing large volumes of products to be packaged quickly. This improves production efficiency while saving energy.

It has a smart PLC control system, making it highly automated and easy to operate. The programmable interface supports fully automated production and keeps packaging quality stable.

The machine accurately controls the length, width, and height of packaging material to ensure each product is properly sealed in its blister, enhancing both appearance and protection.

Designed for easy use, it includes fault alarms and automatic shutdown to quickly detect and handle problems, keeping production safe.

Made from high-quality stainless steel and meeting GMP standards, it ensures a clean and safe packaging process, suitable for pharmaceuticals, food, and related industries.

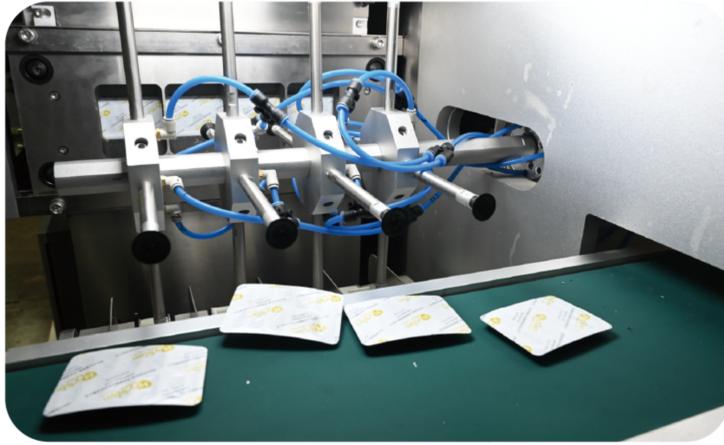


# DPP-600 »

## Automatic Blister Packing Machine

### DPH-320 High Speed Roller Blister Packaging Machine

Max design speed(cut/min) According to blister size	250 blister plates	Max cutting length	100
Max material line speed	15	Power	Supply: AC380V/3-Phase/50Hz Consumption: about 20Kw
Max forming depth	12	Air	Pressure: 0.6-0.9MPa, Consumption: <15 m3/h
Max forming depth (belt width)	320*260	Water	Temperature: 15-20°C, Water: about 0.2 m3/h
Max index length	260	Dimension (including feeder, L*WxH) (mm)	4750x1680x2200
Max material width	320	Weight	About 4000 Kg



The DPH-320 is a high-performance, fully automatic rotary blister packaging machine. It uses a fast rotating drum feeding system along with precise heat sealing. It works with aluminum-plastic composite films (PVC, PVDC, aluminum foil) and is perfect for large-scale, individually sealed packaging of medicines, health supplements, food, and medical devices.

# CHINA'S LEADING PHARMACEUTICAL EQUIPMENT SUPPLIERS

中国领先的制药设备制造商

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