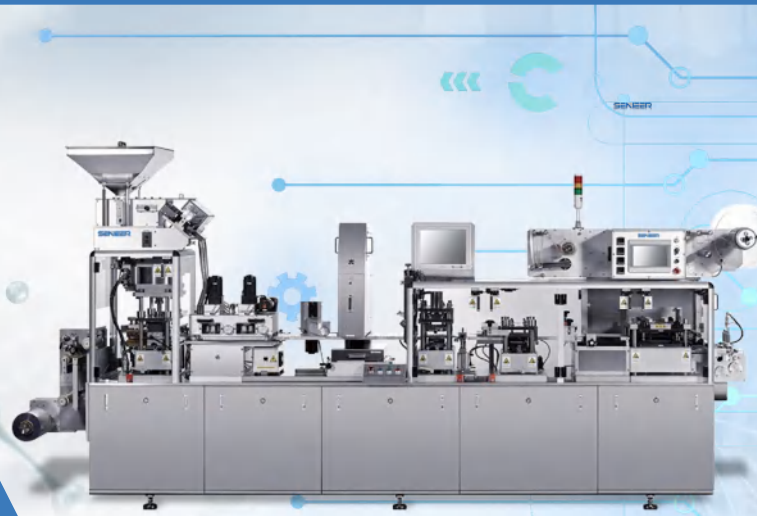


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Blister Packing Machine

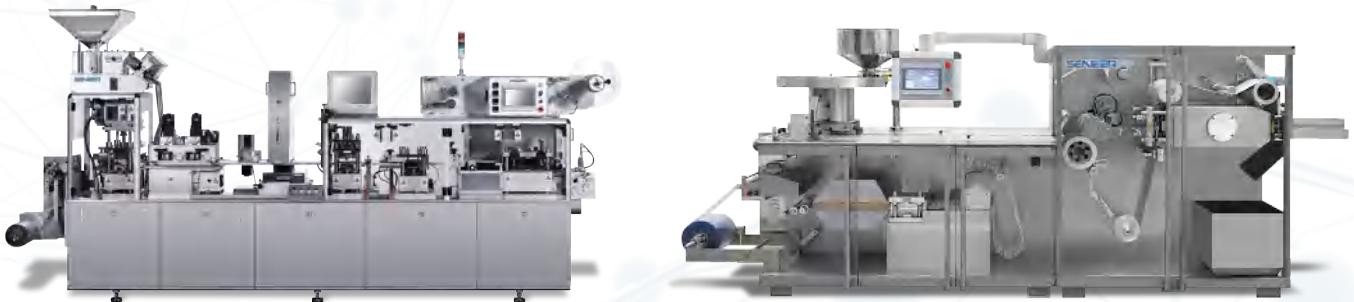
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Blister Packing Machine

- Feature ■
- Function ■
- Advantage ■
- Application ■
- Specification ■
- Main Structure ■
- Working Principle ■
- Adjustment Method ■

Blister Packing Machine Feature

- ◆ Plate type positive pressure blow molding, servo stepping, easy to adjust the step length
- ◆ Roller sealing, good sealing effect, beautiful packaging
- ◆ It can be used with general feeder, disc feeder and special feeder
- ◆ Servo stepping mechanism makes plate adjustment easy
- ◆ Has the function of batch numbering and breaking line
- ◆ Easy to change molds



PLC automatic control, stepless frequency conversion speed regulation, wide adjustment range ◆
low transmission noise

The main components and key parts are matched by well-known foreign brands ◆
to ensure the reliability of operation

The whole machine adopts a fully enclosed structure design ◆

The materials in contact with products are made of stainless steel SS316L or SS304 ◆

Fully comply with GMP requirements and ISO certification standards ◆

It can pack various specifications of capsules ◆
plain tablets, sugar-coated tablets, capsules, special-shaped tablets
and other medicines, as well as chocolate beans, chewing gum and other small foods

Blister Packing Machine Function

- ◆ Reliable sealing
- ◆ Easy to carry
- ◆ Beautiful packaging appearance



our superior
**Blister
Packing Machine** PRODUCT

Blister Packing Machine Advantage

- ◆ Man-machine interface, PLC program control, frequency conversion speed regulation, blanking speed is about 80-120 times/min (standard plate)
- ◆ The man-machine interface system is simple and quick to operate, and can realize inching adjustment on the touch screen. Fault alarm can be used to save production records
- ◆ The punching step is controlled by a servo motor, there is no asynchronous problem, and it is not limited by the step distance, and the accuracy reaches 0.01
- ◆ Splicing device, easy to operate, convenient, and improve work efficiency
- ◆ Plate type positive pressure blow molding, flat plate molding, large molding area, roll sealing, line sealing uniform pressure, good sealing quality
- ◆ All forming molds adopt the method of fixed pins, which is convenient for mold replacement and adjustment
- ◆ Molding mechanism: use the cylinder as the power to complete the mold clamping and tablet pressing through the four-bar mechanism. The mechanical connection with the main drive is cut off, mutual influence is eliminated and vibration and noise are reduced. The lower mold and the upper mold open at the same time, which not only improves the condition of the heated PVC sheet, but also lays the foundation for accurate stepping



Blister Packing Machine Advantage

- ◆ The forming step adopts a CNC sliding table to clamp the step, which has high step accuracy and no accumulated error, and its step error is $\leq \pm 0.02\text{mm}$. When the stepping distance changes, it can be adjusted directly by inputting data on the touch screen
- ◆ The blanking device adopts a high-speed vibrating blanking device, and a multi-functional blanking device or a special blanking device can be selected according to the characteristics and speed requirements of the material
- ◆ The machine base is firm, beautiful, and evenly load-bearing to ensure the safe operation of the whole machine. All safety protection devices are complete and warning signs are attached
- ◆ The exterior of the equipment is made of SS304 and transparent toughened plexiglass that meets the 3C standard. The material of the part in contact with the medicine is 316L stainless steel or a material that is more stable and not easy to fall off. Other corresponding materials in contact with materials are made of food-grade polymer materials
- ◆ There are inspection points at both the PVC unwinding place and the aluminum foil unwinding place. When the packaging material is about to run out, it will alarm or shut down
- ◆ PVC unwinding mechanism can automatically unwind or manually unwind
- ◆ The new board picking and rejecting mechanism is made of aluminum alloy material to reduce the moment of inertia, which is practical and beautiful
- ◆ The heat-sealing anilox roller increases the length of the anilox roller and the heating tube, trying to reduce the influence of the dead zone of the heating tube; the diameter of the anilox roller is increased to increase the heat capacity, the sealing heat is supplied more quickly, and the heating is increased. Shorter preparation time
- ◆ Increase the typing travel roller to improve the accuracy of the typing position
- ◆ Independent electronic control component box to ensure that the PLC of the equipment is in a good space environment

Blister Packing Machine Main Structure Working Principle and Adjustment Method

Blister Packing Machine Main Structure

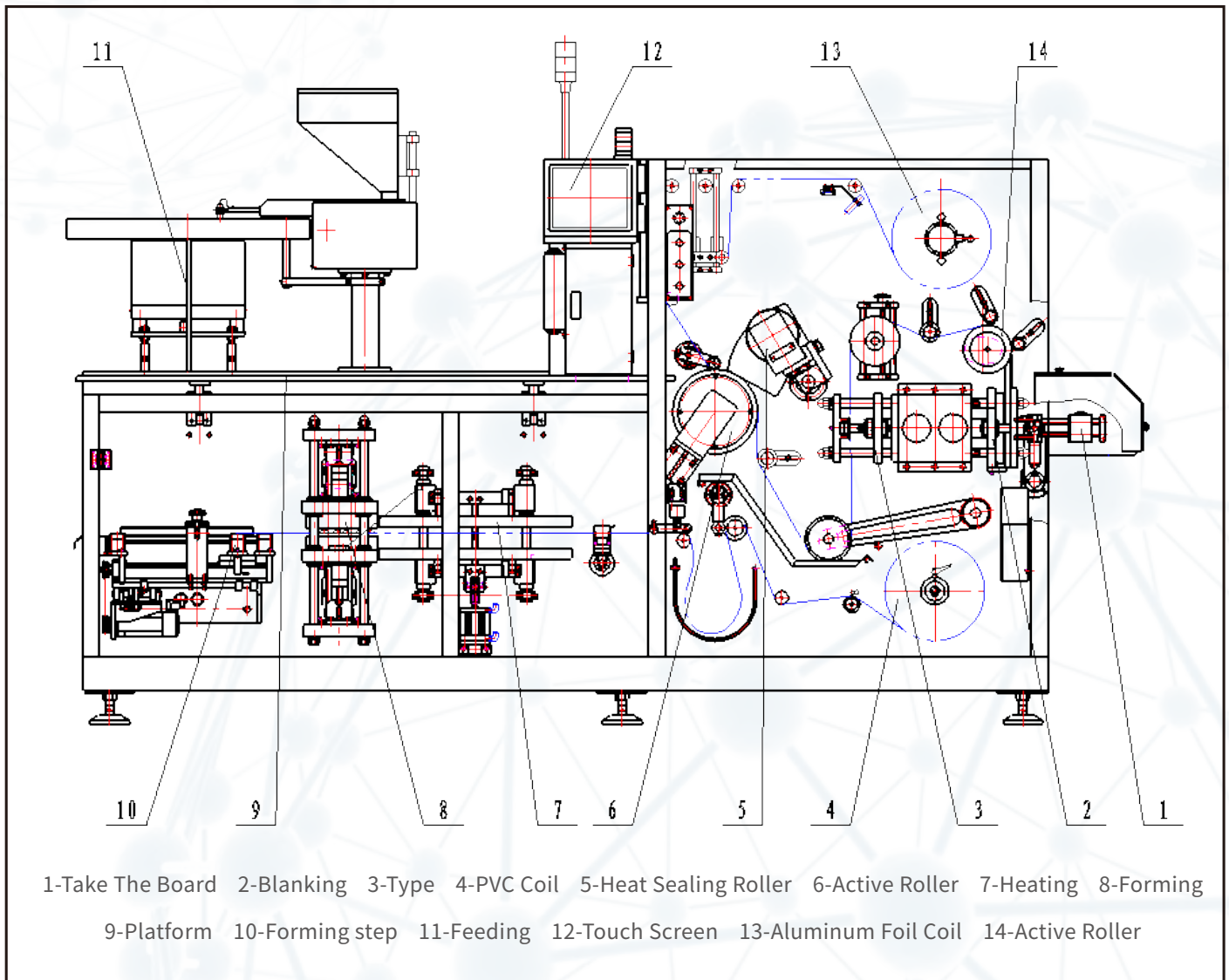
- ◆ The whole machine consists of body, PVC unwinding, PVC heating, PVC forming, forming stepping, platform feeding machine, electric control system, heat sealing, aluminum foil unwinding, typing, typing adjustment roller, punching stepping, punching Device, board taking device, transmission system, pneumatic and water cooling system composition

Blister Packing Machine Working Principle and Adjustment Method

- ◆ The PVC hard sheet packaging material is pre-drawn to a certain length by the unwinding mechanism for the next step of demand
- ◆ Then pass the heating device and the forming device to form a blister
- ◆ The formed PVC blister is intermittently pulled by the forming stepping mechanism, and continues to move forward to form a continuous blister strip arranged at equal distances from each other
- ◆ When the blister belt enters the loading position of the platform, the loading device will fill the formed PVC blister with medicines (tablets, capsules or soft capsules, etc.)
- ◆ Before heat sealing, cover the PTP aluminum foil on the upper part of the blister, and enter the sealing device together for rolling heat sealing. The packaged object is placed in the small sealed space formed by the PVC blister and aluminum foil, so that the medicine and the aluminum foil are sealed. Atmospheric environment isolation
- ◆ Then enter the batch number device to print the batch number according to the character indentation required by the user
- ◆ Then, the printing adjustment roller and the punching stepping roller enter the punching device to punch and separate the continuous packaging semi-finished products, so as to obtain the required aluminum-plastic blister packaging plate

Blister Packing Machine Application

- ◆ Capsules
- ◆ Tablets
- ◆ Candy
- ◆ Pharmaceutical
- ◆ Health product
- ◆ Food
- ◆ Electronic industries



Blister Packing Machine Specification

Technical parameters

Item		SBP140	SBP250
PVC Sheet	thickness	0.2-0.4mm	0.2-0.5mm
	Width	100-150mm	160-300mm
PTP Aluminum	thickness	0.02mm	0.02mm
	Width	100-150mm	160-300mm
Cutting frequency		15-40time/min	15-40time/min
Stroke		45-160mm	45-200mm
Compressure of cooling water		0.1-0.3Mpa	0.1-0.3Mpa
Water consumption		0.02-0.04m ³ /min	0.02-0.05m ³ /min
Compressed air pressure		0.4-0.6Mpa	0.4-0.6Mpa
Max forming depth		30mm	30mm
Total power		4.8kw	8kw
Power supply		380V 50Hz	380V 50Hz
Overall Dimensions(LxWxH)		2250x630x1580mm	3800x850x1650mm
Weight		1050kg	2100kg

Custom design according to your requirements.