

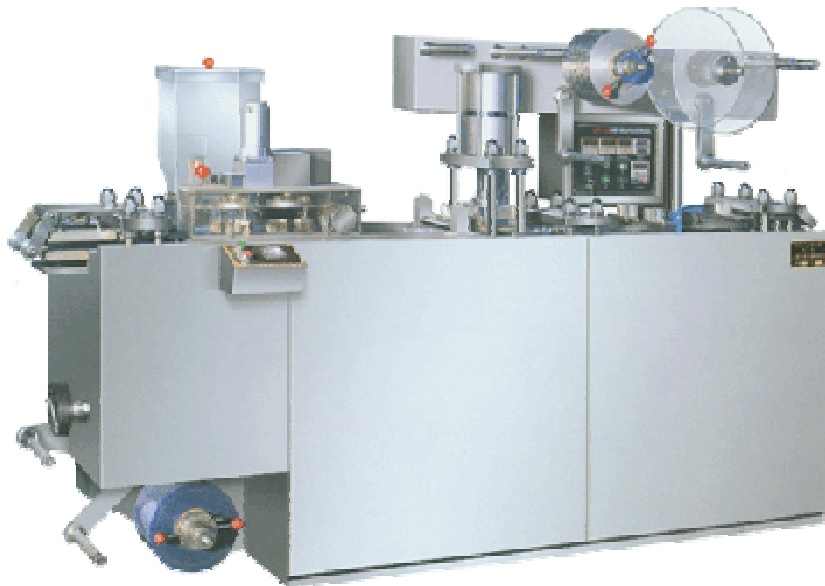


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DPP-140

**PLATE TYPE FULL TRAVEL ADJUSTABLE
BUBBLE PACKING MACHINE (AL/PL, AL/AL)**

OPERATION MANUAL



Equipped with Touching Press Button



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1 General

DPP-140 Flat Plate Type Full Travel Adjustable Blister Packing Machine (DPP-140 Flat Plate Type Frequency-converting Speed-regulating Plastic & Foil Packing Machine) is designed and manufactured by adopting the advanced technologies in the world, suggestions of experts and our experience in this field. It is characterized by excellent performance, advanced design and novel structure. Its performance exceeds the congeneric products in the world and reaches international advanced level of the new century.

We will keep improving and supplying more excellent products to the customers in the future.

2 Performance

- 2.1 The mechanical drive is adopted in this machine, and the travel can be adjusted steplessly between 40~110 mm. This machine is characterized by convenient operation, simple maintenance, and accurate and stable synchronization. The mold blocks of various sizes can be changed at will.
- 2.2 This machine is provided with the following functions: flat plate type mold forming, compressed air cylinder hot-sealing, stamping letters, impressing disjunction line, mechanical dragging and electrical count, etc.
- 2.3 This machine is equipped with double-planet feeder, and the filling rate can reach upwards of 99%.
- 2.4 The procedure of double-plate heating and delay opening up are adopted in this machine. The waste of plastic film are less than one plate.
- 2.5 Cylinder is used on the heating unit. The grid pattern board of hot-sealing mold will rise when the machine is shut down to prevent the formed blister and medicine from deformation due to the remainder of the heat. Besides, it can cushion the over-pressure to prevent the machine from damage.
- 2.6 This machine is a product line of forming, feeding, hot sealing, impressing disjunction line, stamping letter and cutting. It is characterized by continuity of process easiness of operation.



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3 Main specification

Item	Unit	Value
Productivity	10 ³ grains/h	36 ~ 100(AL/PL) 18~ 100(AL/AL)
Frequency of cutting (30 times per minute for standard plate)	Plate / min (adjustable)	40~80 (AL/PL) 30~60(AL/AL)
Adjustment range of travel	mm	40~12
Maximum area of forming	mm x mm	120x110
Maximum depth of forming	mm	18(AL/PL) 12(AL/AL)
Standard plate	mm x mm	80 x 57 x 2 plates
Power	Main motor power 1.1kw, the heating power 2.4KW	
Feeder motor power	Kw	0.28
Flow rate of air compressor	m ³ / min	≥0.2
Width and thickness of PVC, Multiple AL and PTP	PVC 140 x0.05-0.45 mm Multiple AL 140 x0.13 mm PTP 140 x0.02-0.03 mm	
Integral outside dimension (length x width x height)	mm x mm	2020 x650 x1400
Integral weight	Kg	750

4 Structure and principle

The outline of the machine is shown in figure 1. The machine is composed of machine frame (1), forming heating unit (3), blister forming unit (4), feeder (5), hot-sealing unit (10), disjunction line impressing and letter stamping unit (12), cutting unit (16), foil feeder (9), dragging unit, gear drive unit, electric automata unit, etc.

During operation, the officinal PVC film is dragged by the manipulator at regular intervals and interenerated by the double-plate heater, and then formed by the filtered compressed air in the forming mold, and then filled capsules, pills, medicine of abnormal shape or other products by double-planet feeder. The aluminum foil is fed automatically at regular intervals to enter into the hot-sealing mold and sealed in a grid pattern onto the filled blister film. In succession, disjunction lines are impressed and



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letters are stamped on the sealed film, and then the film is cut into plate and the packing process finished. The machine is characterized by simple operation, reasonable structure and credibility of performance.

5: Documentation

we will provide the following documentation along with the machine.

Instruction manuals (English) include the following:

- Installation instructions
- Troubleshooting instructions
- Maintenance instructions
- Change-over procedures
- Spare parts list
- Wiring diagrams, etc.
- Photos, drawings, etc.
- VCD
- Technical document

6:the list of the parts with the machine

Item No.	Description and size	Quantity	Note
1	DPP-140 Flat Type blister packer	1	
2	Stamp letter 0~9	30pcs per letter	
3	Stamp letter ' A-Z ' , ' / '	10pcs per letter	
4	Steel wire brush and bronze wire brush	2apiece	
5	Trolley	4	
6	φ 4x16 roller pin	120	
7	Joint pliers	1	
8	Screwdriver, '-' and '+' type	1 apiece	
9	Socket screw spanner, 4, 5, 6, 8, 10, 12 mm	1 apiece	
10	Adjustable spanner, 8 and 12 inch	1 apiece	



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11	Pressure oiler	1	
12	Spanner 17--19	1	
13	Sealing, forming station	4	