

Danrel Co., Limited

DPB-270J Flat Plate Type Automatic Capsules Blister Packing Machine



This machine is suitable for sealed blister packing of wide range of specifications of capsule, tablet, spritze, ampoule, medical appliances, food, electron device, and small hardware device which is used in pharmacy, Medicine Apparatus, food, electronic, small hardware etc.

Purpose

The aims to invent this new type blister packing machine is to provide users with a blister packing machine which is simple in structure, easy to operate, easy to maintain and with high efficiency

To achieve the above aims, we put forward three technical solutions for this practical new machine.

Technical solution one: this cantilevered blister packing machine have two cabinet rail racks and the cantilever fixed on two separable weld machine main body. There are one speed reducer, one heat forming device at the left machine rail frame and their place at the machine can be changed from left to right on the rail by adjustable hand wheel. There are one heating sealing device, one indentation device, one batch numbering printing device, one speed reducer, one punching device at the right machine rail frame. Mostly, the indentation device and the batch number printing device can replace each other and you just need to fix one of them. Because the machine main body is rail racks cantilevered installed and there is nothing blocked behind it, the operator can easily take out anything dropped behind the rail racked.

Technical solution two: the main motor is fixed at the back of the machine. In this case, there will be much more space behind the feeding device and long plate parts, thus makes it easy for machine maintenance, clearance, and examine and repair.

Technical solution three: when you want to change the mould of the forming device, heat sealing device, indentation device, batch number printing device, and the punching device, you just have to unlock the mould handle and take it out. For it adopts direct pushing and handle lock mould change method, it can ensure convenient mould change and no additional tool is needed.

Technical Parameters:

Model No	DPB-250	DPB-320
Punch Frequency (Times/Min)	6-60	8-35
Production Capacity (Blister/hour)	9600-12000 (Standard 80*57)	12000-15000 (Standard 80*57)
Max Forming Area & Depth (mm)	Standard 250*110*10 Max 250*200*50 25 times / min	Standard 310*110*10 Max 310*200*50 25 times / min
Stroke (mm)	20-120	20-120
Standard Blister Size (mm)	80*57, 80*35, 95*65, 105*42, 105*55 (customized)	
Air Supply	0.5-0.8 MPa 0.15 CBM/min	
Total Power	6 KW	6 KW
Voltage	220/380 V 50 Hz	220/380 V 50 Hz
Main Motor Power	1.5 KW	1.5 KW
PVC Thickness (mm)	0.15-0.5*260	0.15-0.5-320
PTP Aluminum Foil Thickness	0.02-0.035*260	0.02-0.035*320
Dialysis Paper (mm)	50-100 g/m2*260	50-100 g/m2*320
Mould Cooling	Cold Water	
Dimension (mm)	3000*720*1600	3000*780*1640
Weight (KG)	1700	1900