DPB-250J Cantilevered Automatic Blister Packing Machine

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

Features:

1) 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, convenient to maintain and with high working efficiency.

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

3) 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.

4) 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.

5) 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 push-in and handle lock mould change method, it can ensure convenient mould change and no additional tool is needed.

Main technical parameters:

Punching Frequency	Standard Alu-PVC Blister（10-50 Punch/min）1—6 Blister/Punch (Stoke>80, Depth>10, The punching frequency depends on the blister size and we cannot promise 50 Punches/Min for every blister） Non-Standard one, such as hard Alu-Alu, Forming depth>10（10—35punches/min）
Producing Capacity	7200 Blister /H（calculated as 4blisters/ punch, and 30 punch/min）
Forming Area	240×110（mm2）（Max.）
Drive Stoke	Standard 20—120mm，Max. Non. Standard160mm
Blister Size	Standard: 7mm Reference Size：80×57 95×65 103×43 120×43 （Can design according to customer's requirement）
Pieces of medicine per bliser	Capsule :10Pieces（#0、#1）12Pieces（#1、#2、#3） Tablet：1—30 Pieces Special Shape Medicine：Specially designed
Packing Material	Non-toxicity HardPVC (0.15—0.5×250mm) Gelatinized PTP Alu film (0.02—0.35×250mm) Dialyzing paper (50—100g×250mm) Reel Aperture : 70—76mm
Heating Power	Heating for up and down forming：1.5KWHeating for heat sealing：1.5KW
Main Motor	Y90L—6 1.5Kw
Air Pump Capacity	>0.2m3（Provide by user） Pressure：0.4—0.6Mpa
Mould Cooling	Tap water or circled water (Water consumption:60L/h)
Overall Dimension	3500×850×1700（L×W×H）
Weight	1800kg