



Blister Packing Machine-Alu/PVC PPMB 150/240



Automatic Blister Packing Machines are ideal tools for the pharmaceutical industry for the packing of Oral tablets, capsules, hard and soft gelatin and ampoules. All machines are manufactured under stringent quality control process to ensure years of trouble free production. Special design of machine ensures total synchronization of timings between sealing of Aluminum foil and PVC base web. The machine works on the flat forming & rotary sealing principle for delivering higher outputs.

PVC base film web is drawn off from a reel and fed into the blister forming unit where blisters are continuously formed. The web is then led to the sealing unit over a guide track. Over the guide track, the product is filled into the blisters by suitable automatic filling unit before the web enters the sealing unit Aluminum foil is drawn off from a separate reel and is fed to the sealing unit where it is sealed with the base web, thus enclosing the product hermetically. The filled and sealed web is then fed by an indexing mechanism into the pack punch unit where the packs are separated from the web. The web trim is sheared off to allow collection. The blister pack may either be collected in bins or may be conveyed over a belt for further handling. The machine could be linked to a cartoner.

Salient Features:

- Completely fully automatic operations and designed as per cGMP - Current Good Manufacturing Practices compliance
- All contact parts AISI 316 & non contact parts AISI 304.
- Fully automatic cold forming blister pack machine.
- Capacity Max. 100 stroke per minute for round Shape & Average 70 stroke per minute for Oblong shape.
- Micro Adjustment-Feeding System Mounting Assembly
- Universal Batch Code Printing unit
- One Set Of Change Parts inclusive Of

- Blister Forming Roller.
- Counter Sealing Roller, Inclined Feeding channel
- Guide Track
- Punching Tool With main Change Gears & BCP Gears
- Universal Non fill Detection Unit
- The operating cycle will be 30 Cycles/min for Cold Forming of this machine and its completely automatic and the use of continuous motion principle permits high speed and efficient packaging production
- The blister forming die is cooled by an integral water cooling unit (Chilled water unit) for the machine and is maintained at a correct operating temperature
- Auto feeding system by PLC Logic with pneumatic combination (For critical products).
- Servo web indexing by rigid PLC Logic.

Optional Features:

- Inspection system of missing tablets could be incorporated to eliminate manual labor.
- Batch code embossing.
- Printing registration control unit.
- Organic Acrylic Guard

Technical Specification:

Model	PPMB 150	PPMB 240
Size (Max.) (mm)		
Width	128	225
Thickness	0.2 to 0.3	0.2 to 0.3
Film reel dia.	440	440
Forming Area (mm)		
Minimum	110 x 25	210 x 25
Maximum	110 x 96	210 x 132
Pack Length (mm)	120	217
Pack Width (mm)	102	140
Forming Depth (mm)	12	12
Electric Consumption	4.5 kw	8 kw
Power requirement	3 Ph , 415 V, 50 Hz	3 Ph , 415 V, 50 Hz
Dimension (mm)		
Length	2450	3020
Width	800	865
Height	2000	2130
Appr. Case Dimension(mm)	2200x1800x1200	2200x1800x1200
Appr. Net Weight	1100 Kgs	1500 Kgs