

Blister machine HM 600R



In 2011, the newly developed blister HM 600R is developed for the purpose of mass production to meet customer requirements and upgraded by solving the problems related to sealing and curved pack in existing machines as high speed production lines, 600 blisters per minute. This new design is applied rotary disk transfer system to save space and it contribute to 100% accuracy of faulty blister packs rejection. It is patented design in 2012. From this model you could know about our constantly evolving technology and we kindly ask to have a lot of your attention.

- Maximum 600 blisters per minute
- MMI control via industrial PC control system
- Compact floor space
- Non contact sandwich type preheating
- Drum sealing station & self adjustment indexing by servo motor
- Servo-controlled blister machine
- Easy and fast format mold changeover
- 100% accuracy of faulty blister packs rejection
- cGMP compliant design
- 21 CFR part 11 ensure (Option)



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1. Forming Station

Capable of thermoforming or cold forming. Thermoforming is performed by means of blowing air on the heated film to form the desired cavities. Polypropylene (PP) can also be used with the use of a special forming mold. Cold forming is carried out by pressing the material into a mold using a plug assisted mechanism.

2. Feeding Section

A continuous motion product feeder enables swift feeding speeds for most products. Various feeding systems for odd shape products are also available. Drum or other special feeding systems can also be installed for Alu/Alu packaging and for special products.

3. Continuous Motion Sealing

Continuous motion sealing with rotary indexing and cooling drum provides the ideal condition for high quality sealing. It is operated by the servo motor drive which contributes to the flexibility of blister design.

4. Self-adjusting Indexing System

The position of the film is read and corrected at each index by servo motor drive. The forming zone has individual servo-driven grips which assist the indexing system. Emboss Coding, Perforation and Punching Stations are controlled by servo-driven rotary indexing system.

5. Print Registration Control System

This device controls the stretching force of the lid foil regularly to match the printing information on the pack by examining the eye mark positions.

6. Discharge & Transfer

Horizontal punching system produces a more precise individual ejection and supports easy integration and interface to a continuous motion cartoner. Two sets of rotary disk units provide superior stability transfer at high speeds. Also it provides complete separation of discharge between empty and miss-filled blister after punching.



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TECHNICAL DATA

Output	max. 600 blisters /min. in dual lanes	
Operation speed	Thermo forming	min. 15 ~ max. 60 cycles/min
	Cold forming	min. 15 ~ max. 50 cycles/min
	Punching	min. 50 ~ max. 300 cycles/min
Forming format range	Width	min. 60 ~ max. 270 mm
	Index	min. 30 ~ max. 200 mm
	Depth	max. 12 mm (Alu/Alu : max. 12 mm)
Punching format range	Width	min. 60 ~ max. 260 mm
	Index	min. 30 ~ max. 100 mm
Packaging material	Forming material	PVC, PVC/PVDC, PVC/ACLAR, COC, PET, PP, Alu forming material, etc.
	Lidding material	Alu-hard / soft, Child Resistant Lid Foil, etc.
Utilities	Electric power connection	380V, 3-phase, 50/60Hz (other voltages available upon request)
	Electric connection	18 KVA
	Compressed air pressure	6 ~ 8 bar in 10% fluctuation
	Air consumption	300 NL/min
Machine dimensions	Length	approx. 4,400 mm
	Width	approx. 1,500 mm
	Height	approx. 1,700 mm
	Weight	approx. 4,500 Kgs

Contents on this catalogue are to assist understanding of the machine only and are subject to technical modifications without prior notice. The final specification is as per our quotation offered to you exclusively.