

## Blister machine HM V3

*Extreme Flexibility for Pharmaceutical Blisters with Economically priced.*



Our standard robust model designed and constructed for pharmaceutical blister packaging with extreme flexibility on production and simplicity in operation, compact foot print, economically priced to meet customer's needs. It works as stand alone or connects downstream. This system enables to apply a wide versatility for Pharmaceutical blister packaging in thermoforming and cold forming blisters. Considered line clearance and machine cleaning upon lot change over to be carried out with simplicity and ease even by unskilled personnel so that is suitable for frequent change over products required.

- Mechanical CAM driven
- Platen sealing technology
- Up to 50 cycles, Maximum 150 blisters per minute
- Maximum Forming Depth 30mm (optional)
- Thermoforming and Cold Forming Blisters
- MMI control via PLC & touch panel
- Zigzag designed punch for less waste
- Suitable for frequent change-over of tool
- CE Regulation approved
- Individual rejection system (optional)



### 1. Forming station

Forming station capable to be installed not only thermo forming, with plug assist if required, but cold forming.

### 2. Feeding section

Various feeding systems as per the product shape and character can be installed.

### 3. Sealing station

Sealing integrated with code embossing.

### 4. Slitting station

This station can be replaced with perforation or hole punching. Perforation capable of both vertical and horizontal line.

### 5. Draw-off and punching

Draw-off operated by cam with lever mechanism and die-punching zigzag design for material saving.

### 6. Touch screen control panel

MMI control via PLC and touch screen.



### 7. Product inspector

Camera inspection system installed after feeding operation.

### 8. Pin hole detector

Infrared pin hole detection system can cover for aluminum foil after forming or lid aluminum foil.

### 9. Tear marking

Tear marking on the lid foil of detected blister.

### 10. Individual rejection

Discharge via pick and place system by servo motor is capable to transfer and align only good blisters for in line to downstream facility.



## TECHNICAL DATA

<b>Output</b>	Thermo forming Cold forming	min. 20 – max. 50 cycles/min min. 15 – max. 35 cycles/min
<b>Forming format range</b>	Width Index Depth Effective area	max. 235 mm max. 125 mm max. 15 mm (Alu/Alu : max. 12 mm) 227 mm width x 123mm index
<b>Packaging material</b>	Forming material  Lidding material	PVC, PVDC, ACLAR, COC, PET, Alu forming material, etc. Alu-hard / soft, Child Resistant Lid Foil, etc.
<b>Utilities</b>	Electric power connection Electric connection Compressed air pressure Air consumption Chilled water	220V, 3-phase, 50/60Hz (other voltages available on request) 10KVA 6 bar within 10% fluctuation 240 NL/min 240 L/H in automatic circulation by installed chiller
<b>Machine dimensions</b>	Width Length Height Weight	approx. 1,170 mm approx. 4,460 mm approx. 2,020 mm approx. 2,000 Kgs