

Blister machine HM V5

High Standard Hygienic Table Top Blister



It is specially designed and constructed with concept of hygienic finish. It is with the requirement of pharmaceutical industry and featured to make operator easy approach when change over the tooling. This economically priced table top blister machine meets highly flexible production demand for pharmaceutical, healthcare, confectionary and others. It works as a stand-alone or connects to downstream. Enable to apply a wide and flexible versatility for Pharmaceutical packaging in thermoforming and cold forming blisters. The single punching stations enhance higher machine operation speed with accordingly output.

- Mechanical CAM driven
- Platen sealing technology
- Up to 60 cycles, Maximum 200 blisters per minute
- Thermoforming and cold forming blisters
- MMI control via PLC & touch panel
- Stainless steel cladding on exterior of basic frame, GMP concept
- CE Regulation approved
- Individual rejection system (optional)



1. Form film stand

Form film stand with spare reel and splicing table. Mechanical automatic centering chuck applied.

2. Forming station

Thermoforming station which is capable to be mounted cold forming (Alu/Alu) or plug assist forming facility. Direct contact type pre-heating plate, teflon coated, designed double steps for fast and good quality of forming. Pre-heating plate may operate beforehand starting automatic operation not to skip first stroke. Film stopper is installed to work in machine stop.

3. Feeding section

Various feeding systems as per the product shape and character can be installed and also, tear detector, feeding inspector are applicable on the bed.

4. Sealing, cooling and slitting station

Sealing upper plate can be installed lift-up system in machine stop. Slitting station can be applied for perforating or hole punching purpose.

5. Draw-off system and punching

Draw-off system is composed two grippers, fixed and moved, designed in easy setting conception and dial indicator. Punching station with pick and place device for alignment of blister packs for in line to downstream.

6. Waste chopping system

Waste chopping instead of winding spool to operate machine without machine stop.

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. Discharge

Discharge via conveyor belt after punching is capable to install inferior blister rejection and alignment for in-line to downstream facility.



TECHNICAL DATA

Output	Thermo forming Cold forming	min. 20 – max. 60 cycles/min min. 15 – max. 35 cycles/min
Forming format range	Width Index Depth Effective area	max. 210 mm max. 140 mm max. 12 mm (Alu/Alu : max. 10 mm) 202 mm width x 138 mm index
Packaging material	Forming material Lidding material	PVC, PVDC, ACLAR, COC, PET, Alu forming material, etc. Alu-hard / soft, Child Resistant Lid Foil, etc.
Utilities	Electric power connection Electric connection Compressed air pressure Air consumption Chilled water	220V, 3-phase, 50/60Hz (other voltages available on request) 15KVA 6 bar within 10% fluctuation 240 NL/min 240 L/H in automatic circulation by installed chiller
Machine dimensions	Width Length Height Weight	approx 950 mm approx. 5,180 mm approx. 2,175 mm approx. 2,600 Kgs