

Blister machine HM V6 / HM V6+

Wide Format Range for Mass Production



Designed and constructed to handle comparably large blister with a wide format tooling at high / mass production rate. Its construction built for heavy duty operation enables to apply for a wide versatility of pharmaceutical packaging with integration of diverse options. It is in accordance with the requirement of pharmaceutical industry. It operates as a standalone or connects to downstream. Integration of programmable Logic Controller along with a touch panel creates an operator friendly environment and vital components such as one touch quick tool setting. Wide forming range enhance high output and lead applicable for a wide range of solid products such as a tablet, hard and soft gelatin capsules, caplet and etc so that this system is well fit with specific purpose along with massive production.

- Mechanical CAM driven
- Platen sealing technology
- Up to 50 cycles, Maximum 200 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
- Quick and easy mold changeover by sliding - in and fastening
- Suitable for massive production
- CE Regulation approved
- Individual rejection system (optional)



1. Tropical Film Supply

Tropical film is supplied from rear side and turned to the right to converge with PVC/Alu blister processing direction.

2. Tropical Blister Forming Station and Overpass

Tropical blister forming by plug assist immediately after the tropical film converges towards the processing direction. PVC/Alu blisters are bypassed through overpass installed over tropical blister forming station.

3. Matching both Tropical Form and PVC /Alu

Both tropical film and PVC/Alu blisters are aligned and flow into the second sealing station to complete the sealing process.

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TECHNICAL DATA

HM V6

Output	Thermo forming Cold forming	min. 20 ~ max. 50 cycles/min min. 15 ~ max. 30 cycles/min
Forming format range	Width Index Depth Effective area	max. 250 mm (V6 ⁺ : max. 280 mm) max. 145 mm max. 18 mm (Alu/Alu : max. 12 mm) (Special depth up to 30 mm as option) 242 mm width x 143 mm index
Packaging material	Forming material Lidding material	PVC, PVC/PVDC, PVC/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) 15 KVA 6 bar within 10% fluctuation 350 NL/min 240L/H in automatic circulation by installed chiller
Machine dimensions	Length Width Height Weight	approx. 5,390 mm approx. 1,160 mm approx. 1,940 mm approx. 3,500 Kgs

HM V6/TR

Utilities	Electric power connection Electric consumption Compressed air pressure Air consumption Chilled water	220V, 3-phase, 50/60Hz (other voltages available on request) 18KVA 6 bar within 10% fluctuation 400 NL/min 280L/H in automatic circulation by installed chiller
Machine dimensions	Length Width Height Weight	approx. 6,960 mm approx. 1,210 mm approx. 2,100 mm approx. 3,800 kgs

Specifications of output, format range, form film and lid foil are same with above as HM V6.