

MODEL: HCP-M60

Semi Auto Plastic Card Lamination System



Partnerships in card solutions

Range of application

Suitable for lamination of contact and contact-less plastic cards

Advantages

- Heating and cooling presses are independent and operated by a central hydraulic system. A low pressure pump is used to lift the platen at a quick speed, while a high pressure pump is used to keep the heating and cooling presses at a high pressure.
- Heating and cooling presses are built from two solid welded frames, with all platens securely guided, allowing for a tremendously high rigidity of construction and thus, excellent parallelism of platens. This eliminates the undesirable effects of heat expansion.
- The pressure settings at the different stages of heating and cooling are programmable.
- High precision temperature control is achieved through excellent circulation and monitoring of thermal heating oil
- Manual transfers of the material cassette from table stand to stand-by stand.
- Uniform application of pressure thereby avoids discoloration.
- The heating temperature is evenly and accurately distributed across the total hot platen area.
- One set push bar device to push 5 cassettes from stand-by stand to heating press manually and from heating press to cooling press after heating. It can allow for uniform cooling of the material over the complete area.
- One set pulling bar device to pull 5 cassettes from cooling press to stand-by stand manually after cooling.
- The comprehensive touch screen & control, with its ability to keep thousands of working programs, allows for perfect ease of operation.
- The touch screen fault-finding diagnostics makes it easy to do maintenance and trouble-shooting.
- Optional weight compensation device to reduce the total weight applied to the material cassettes for contact-less cards production.
- Production capacity is 5,000 cards per hour based on cycle time 18 minute.

Specifications

MODEL: HCP-M60					
General Technical Data		Hydraulic Technical Data		Platen Technical Data	
Press surface	500*600 mm	Diameter of piston	250mm	No. of heat/cool platen	5
Max. laminate area	440*500 mm	Closing speed	20mm/sec	Thickness of platen	50mm
Max. heating pressure	60tons	Pressing speed	1.1mm/sec	Flatness of platen	0.05mm
Max. cooling pressure	60tons	Max. pressure	130bar	Parallelism of platen	0.05mm
Number of opening	3	Min. pressure	10bar	Max. heating press temp	200 deg C
Open daylight per opening	60mm	Total stroke	180mm	Heating system	Thermal oil
No. of sheets per opening	10	Motor	5hp	Cooling water system	Not incl.
Net weight	16,780kg	Max. cards per sheet	32	Electric capacity	70kw
Dimensions	5500(W) x 4700(L) x 3600(H)mm				



VICCARD PTE LTD
1020 Tai Seng Avenue #03-3500,
Singapore 534416
Tel: (65) 6288 1801
Fax: (65) 6288 1802
Email: viccard@singnet.com.sg

VICCARD (M) SDN BHD
Unit A-3-11, 8 Avenue, Jalan 8/1, Seksyen 8
46050 Petaling Jaya, Selangor, Malaysia
Tel: (603) 7960 7932 / 7954 7932
Fax: (603) 7960 0932
Email: viccard@po.jaring.my

www.viccard.com.sg