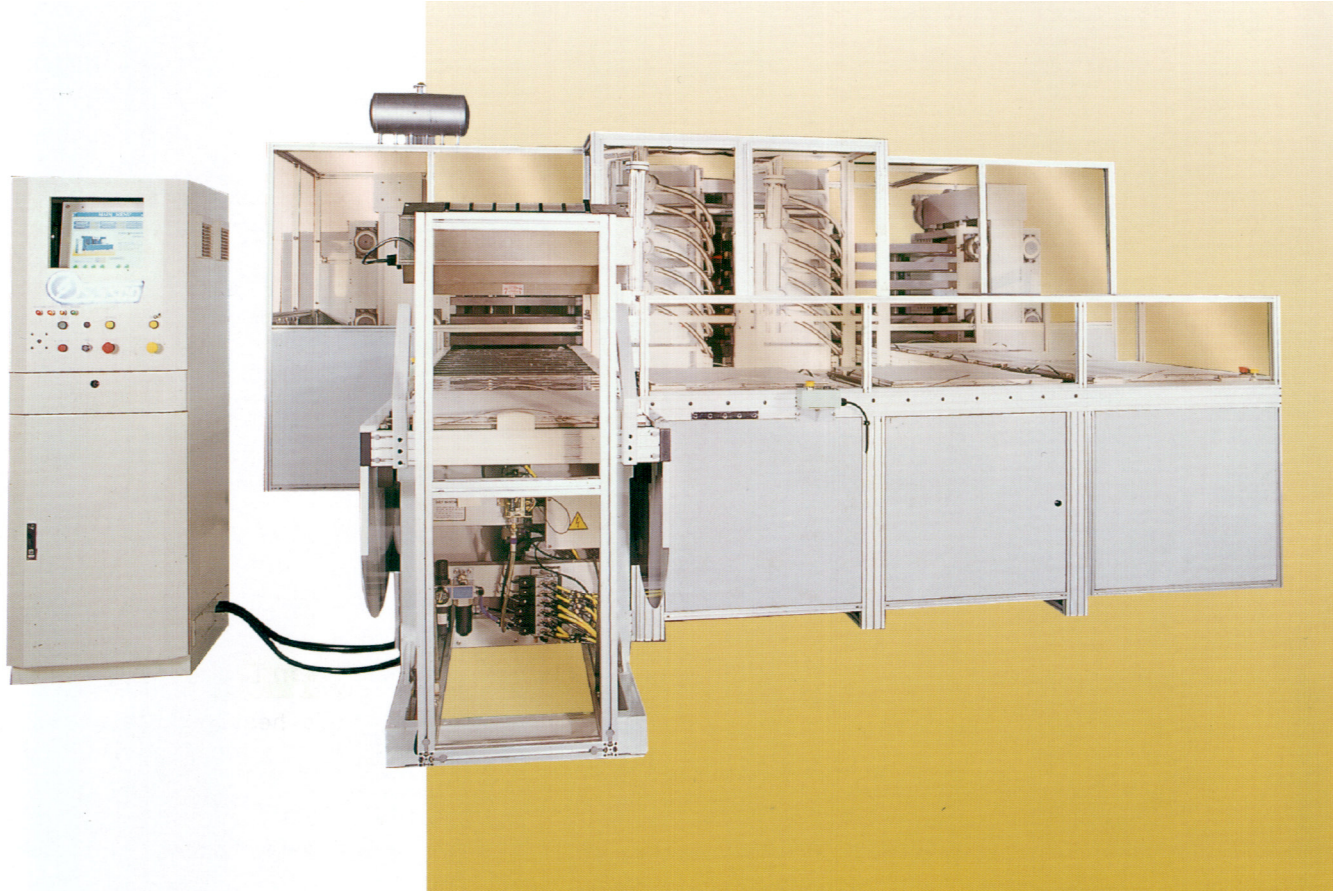

MODEL: HCP A100

Fully Automatic 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, so the costly heating up and cooling down of the hot platens during each production cycle is totally avoided.
- The main frames of the heating and cooling press are constructed of rigid welded steel. The main hydraulic cylinders are hardened, ground and hard-chromium plated. The platens are guided by frictionless material.
- Heating and cooling presses are 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.
- The pressure settings at the different stages of heating and cooling are programmable.
- The closed-loop transport system significantly reduces material cassette loading and transfer time, resulting in low consumption of energy.
- Uniform application of pressure thereby avoids discoloration.
- The heating temperature is evenly and accurately distributed across the total hot platen area.
- Fast transfer into the cooling press can allow for uniform cooling of the material over the complete area.
- Fully automatic production cycle eliminates manual operation mistakes and reduces manpower costs.
- The comprehensive PC monitoring & control, with its ability to keep thousands of working programs, allows for ease of operation.
- The PC-based fault-finding diagnostics makes it easy to do maintenance and trouble-shooting.
- Production capacity is 9,000 cards per hour.

Specifications

MODEL:HCP-A100					
General Technical Data		Hydraulic Technical Data		Platen Technical Data	
Press surface	600*750 mm	Diameter of piston	250mm	No. of heat/cool platen	5
Max. laminate area	540*640 mm	Closing speed	20mm/sec	Thickness of platen	60mm
Max. heating pressure	60 tons	Pressing speed	1.1mm/sec	Flatness of platen	0.05mm
Max. cooling pressure	100 tons	Max. Pressure	210bar	Parallelism of platen	0.05mm
Number of opening	5	Min. Pressure	70bar	Max. heat press temp	200 deg C
Open daylight per opening	100mm	Total stroke	500mm	Heating system	Thermal oil
No. of sheets per opening	10	Motor	5hp	Cooling water system	Not incl.
Net weight	16,780kg	Max.cards per sht	54	Electric capacity	70kw
Dimensions	5500(W)X4700(L)X3600(H)mm				



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