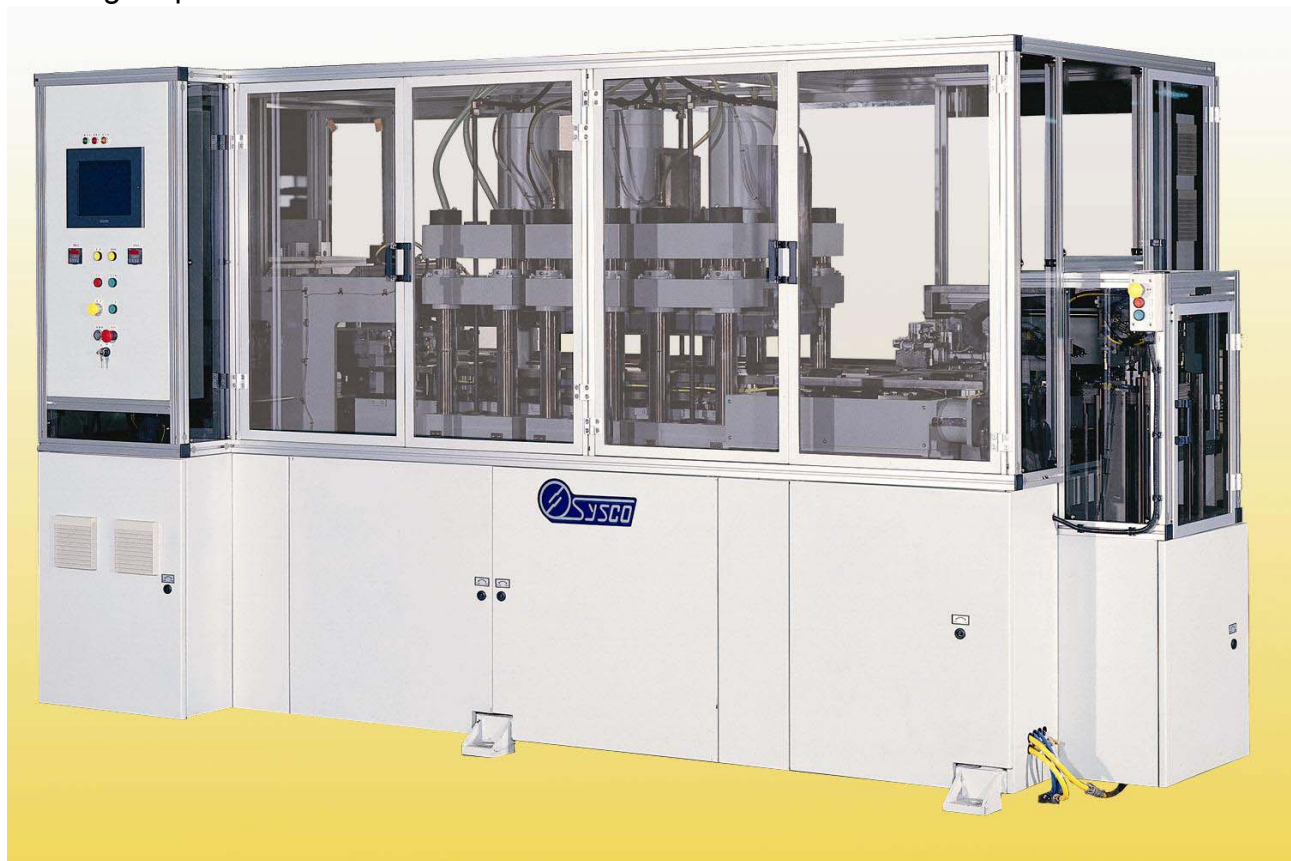




APMC Plastic Card News

HCV-3K, Card Punch & Laminator Combined in 1 Machine for Cards

The HCV-3K is a unique combination of CAR-5N Card Punch and HCP-A100 Laminating Machines. Along with the popularity of the plastic card market, higher quality and more expensive plastic cards are being developed and introduced to the market. Sysco developed the HCV-3K to fill this need. The small footprint, high performance laminating sequence, precise cutting result, and friendly operation fit today's manufacturing needs. Following is a working sequence of the HCV-3K.

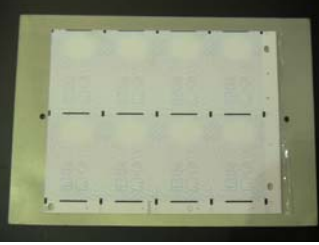









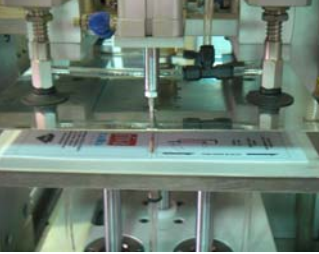
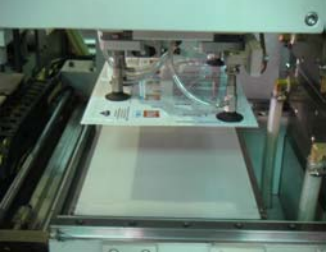


Associated Pacific Machine Corp.

724 Via Alondra • Camarillo, California 93012-8713

Phone: 805-445-4740 • Toll Free: 800-679-APMC • Fax: 805-445-4750

Email: sales@apmcorp.com • Web Site: www.apmcorp.com

<p>Application</p>	<p>HCV-3K is designed to laminate and punch cards in one step. This process is specifically for personalized and contactless cards, such as ID cards, health insurance cards, ...etc. Sheet size is A4 size (210x297mm).</p>		
<p>Material loading</p>	<p>In the first stage, the stacking sheet, which had been pre-welded and punched with pinholes, will be loaded onto the conveyor one by one. Two mirror plates will also loaded automatically to wrap the material like a sandwich. The teflon mirror plates will ensure the laminating sequence and prevent static.</p>	 	 
<p>Laminating station</p>	<p>There are three steps in the laminating station: pre-heating, heating, and cooling. Every single sheet will go through these three steps before cutting. Heating and cooling temperatures, pressure and operating times are easy to adjust and set up by a mechanical valve or a user-friendly touch screen. The customer can adjust the parameter based on the type of material.</p>	 	 
<p>Peeling off</p>	<p>At this stage, the suction pad and pinhole will pick out the laminated material and position it for punching. The mirror plates will be placed on the conveyor that moves them back to the beginning of the cycle.</p>		
<p>Punching and stacking</p>	<p>Sheets are aligned and positioned by two X-axes and one Y-axis before cutting. This ensures precise cutting and eliminates mistakes. At the end, two exchangeable magazines are on standby for stacking the cards.</p>	