

## Plastic Finishing Solutions



### PressCard Pro

#### Industrial lamination unit

The **PressCard Pro**® is an industrial lamination unit for paper and plastic substrates, including PVC, polycarbonate, vinyl and synthetic papers. The unique technologies integrated into the unit include individual heating, cooling and pressure control circuits. The **PressCard Pro** can manufacture plastic cards (ISO CR-80) from 200 up to 1,000 microns, RFID, labels, signage and many other applications, including clear PVC overlay with embedded magnetic stripes. This compact and industrial hot lamination press is fully automated and operates on an average 20-30 minutes per cycle.



### PunchCard Pro

#### Standalone, hydraulic finishing unit for paper or plastic cards

The **PunchCard Pro**® is a semi-automatic card punching unit capable of punching 6,000 ISO CR-80 plastic cards per hour in layouts ranging from either 21 or 24 cards up. ISO format certified (CR80/85.5x54mm) and complete with rounded corners and a thickness of up to 850  $\mu$  / 34 mils. The die cutting of cards is ensured by the reading of crop marks using integrated fiber optic sensors. The cards are automatically retrieved in the triple chimney stacker.

# Technical Specifications

## PressCard<sup>Pro</sup>



### SPEED

Up to 2,400 cards per hour at 250 - 300µ  
Up to 2,000+ cards per hour at 760µ (ISO CR-80 cards)

### FORMAT

330 x 482 mm / 13" x 19"

### PROCESS

Standard lamination is achieved using 2 PVC sheets (or any other synthetic substrate) and with/without a spacer (heat activated core), through a single stack heat/water cooled process. Lamination can be obtained in either matt or a glossy finish.

### CONSUMABLE

Clear PVC or PET Overlay, Polishgard Spacer for Split  
Core stainless lamination plates and pads

### LOADING

3 drawers of 10 stainless steel plates each for a total of 30 sandwiches  
(760 to 850 µ - 34 mil)

### MAXIMUM PRESSURE

Max. hydraulic pressure 120 bars  
Water cooling - (water in / water out)

### ELECTRICAL POWER

400 Volts at 30Amp, 20 kW, 3 phases

### DIMENSIONS

W x D x H  
95 x 80.2 x 161 cm  
37.4" x 31.5" x 63.4"

### WEIGHT

± 1,200 kg (2,646 lbs)

## PunchCard<sup>Pro</sup>



### CUTTING SPEED

Up to 6,000 ISO cards/hour

### SUBSTRATE FORMAT

Min. width: 300 mm / 11.8"  
Max: 330 mm / 13"  
Min. length: 190 mm / 7.5"  
Maxi: 487 mm / 19"

### DIE CUTTING FORMAT (ISO CR-80) 85.5 x 54 mm

3.36" x 2.12" - ISO Format

### CARD THICKNESS

21 to 24-up (ISO CR-80)  
Template 330 x 487 mm  
13" x 19" sheet  
PVC, Polyester and Paper:  
from 100 up to 850 µ  
4 mil up to 34 mil

### COLLECTION STACKER FOR FINISHED CARDS

3 chimney stackers with a capacity  
of 180 cards each (total 540)

### POWER

110V / 60 Hz - 230V / 50 Hz  
Electrical consumption: 1.5 kW

### DIMENSIONS

W x D x H  
78 x 67 x 118 cm  
30.7" x 26.4" x 46.5"

### WEIGHT

± 225 kg (463 lbs)

This is not a contractual document and technical specifications subject to change without notice.  
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Operator / end-users are invited to submit substrates and foils to MGI for validation.