**MGi**
*Digital Graphic Technology*



**30 years**
**of innovation**

# Plastic Finishing Solutions



**PRESSCardPro** ®
by M.G.I

## Industrial lamination unit for paper and plastic substrates

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 100 up to 850 microns (4 mil up to 34 mil), 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 25 minute cycle.

**PunchCardPro** ®
by M.G.I

## Stand-alone, 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 μ / 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.



# Innovation in Motion

# Technical Specifications



## PressCardPro by M.G.I

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

### Format
330 x 487 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 Films
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)

### Power
3 phases of 400 Volts at 30 A, nearly 4 kW /cycle

### 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)

## PunchCardPro by M.G.I

### 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
110 V / 60 Hz - 230 V / 50 Hz Electrical consumption: 1.8 kW

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

### Weight
± 210 kg (463 lbs)

## MGI

Europe/Middle East/Africa/Russia
161, Avenue de Verdun
94204 IVRY/Seine Cedex - FRANCE
Tél : +33 (0)1 45 21 06 60
Fax : +33 (0)1 45 21 14 90
info@mgi-fr.com
www.mgi-fr.com

@MGI_HQ
@MGI_USA

facebook.com/MGIonline

## MGI

Americas/Caribbean/Asia Pacific
3143 Skyway Circle
Melbourne, FL 32934 - USA
Tel: +1 321 751 6755
Fax: +1 321 751 6777
info@mgi-usa.com
www.mgi-usa.com