



Advantage

Desktop Card Embosser

Advantage 2000 M2/M3 Embosser

The Advantage 2000[®] is our table top card embosser line with a reputation that stands on its own. The M2 and M3 embossers are both fast and easy to use and can easily manage heavy card volumes. It can be configured so that in one quick pass the system can emboss, print, encode, and program a smart card.

Both the M2 and M3 embossers feature NBS's industry proven embossing technology, but the system can also be configured to add such features as magnetic encoding, smart card, color tipping, indent printing, monochrome thermal printing and automatic card stacking. The Advantage 2000 M2[®] and M3[®] also support all Visa and MasterCard security characters. The M2 and M3 are the ultimate in flexibility, the machine can be configured to meet customer requirements at the time of purchase and upgraded to include additional personalization features as personalization requirements change. Your capital investment is safe since the machine can be upgraded instead of replaced.

The Advantage 2000[®] M2 and M3 embossers can be operated either online from a host system using its internal formats or connected directly to a PC using the NBS Conquest software. The NBS Conquest software is a powerful Windows based card design and production package. Conquest was developed by NBS and features a graphical interface for easy card design, and job setup. The software is not only used for card layout, but also handles input data from a database or data file as well as formatting of card fields such as encoding, images, text, etc.

**... flexibility you
need and the
quality you
can trust ...**

Markets	Applications
Financial	Financial Cards
Government	Patient ID Cards
Retail	Membership Cards
Insurance	Insurance Cards
... and so much more!	



Advantage 2000 M2/M3[®] Embosser *Technical Details*

STANDARD FEATURES

- Keyboard for manual data entry
- 110 Character Embossing Wheel
- Auto Feed Input Hopper (200 card capacity)
- Fully functional control panel
- On-line system software
- Modular design
- RS 232 Serial Communication Interface
- Card counters
- Multiple and repeat function
- On-line data analyzer
- LCD display (2-lines, 40 characters)
- Field Upgradeable

OPTIONAL FEATURES

- Magnetic encoding:
 - > 3 track ISO HiCo/LoCo encoder
 - > JIS A/3 track ISO HiCo/LoCo encoder
- Auto Unload Stacker (200 card capacity)
- Double Density Encoding
- Smart Card personalization
- Color Tipper
- Indent Printing Front or rear
- 300 dpi thermal printing

SPECIFICATIONS

Embossing Characteristics: CR80

Maximum Lines	11
Maximum Simplex characters per line	31
Maximum OCR characters per line	22
Maximum Blocco characters per line	22

Thermal Print Area - no closer than (CR80):

.100" to top of card
.350" to bottom of card
.200" to left edge of card
.200" to right edge of card

Environmental Specifications:

Operating Temp: 58 F – 80 F (14 C – 27 C)
Relative Humidity: 20% - 85%, Non-condensing

Physical Dimensions:

Width: 28.63 inches (73 cm)
Depth: 18.75 inches (48 cm)
Height: 16.50 inches (42 cm)
Weight: up to 130 lbs (59 Kg)

Power Requirements:

110V, 50/60 Hz, 4 Amp
220V, 50/60 Hz, 3 Amp

Speed:

M2 – up to 280 Cards per hour (depending on configuration)
M3 – up to 350 Cards per hour

Card Criteria:

Card Size: CR80 – 3.375" x 2.125" (35.7 mm x 54 mm)
Card Thickness: .020" to .030" (.5 mm to .8 mm)
Card Material: Polyvinylchloride (PVC)

Advantage Series Embossers meet all applicable
FCC, CE and UL specifications