

Advantage®



NBS Advantage M2/M3 Embosser

The Advantage Series 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. The system 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 Series 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 Series 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.

Markets

Financial
Government
Retail
Insurance

Applications

Patient ID Cards
Insurance Cards
Affinity Program Cards
Financial Cards
Membership Cards



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: 45.36KG

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)

*Specifications subject to change without notice
Advantage Series Embossers meet all applicable
FCC, CE and UL specifications*

www.nbstech.com



Corporate Headquarters Canada

703 Evans Avenue
Toronto, Ontario
M9C 5E9 Canada
tel: +1 416.621.1911
fax: +1 416.621.8875

United States

70 Eisenhower Drive
Paramus, New Jersey
United States 07652
tel: +1 201.845.7373
fax: +1 201.845.3337

United Kingdom

7 Byfleet Technical Centre
Canada Road, West Byfleet, Surrey
KT14 7NB United Kingdom
tel: +44 01932.351531
fax: +44 01932.351382

France

Zone Industrielle -
Avenue Villevieille
13106 Rousset Cedex, France
tél.: +33 (0) 4.42.53.27.72
fax : +33 (0) 4.42.53.26.41