

Advantage 2000®
desktop card embossers

Advantage 2000 M2™ / M3™ Embossers



The Advantage 2000 series is our tabletop card embosser line with a reputation that stands on its own. The M2 and M3 embossers are both fast and user-friendly embossers that can easily manage heavy card volumes and be configured so that in one quick pass the system can emboss, print, encode, and program a smart card.

Both the Advantage 2000 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, colour tipping, indent printing, monochrome thermal printing and automatic card stacking. The M2 and M3 also support all Visa and MasterCard security characters. The M2 and M3 are the ultimate in flexibility as the machines can be configured to meet customer requirements at the time of purchase and upgraded to include additional features as personalization requirements change. Your capital investment is safe since the machine can be upgraded instead of replaced.

The 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 SmartSys™ Tabletop software. SmartSys Tabletop software is a powerful Windows® based card design and production package. SmartSys Tabletop 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:

- Financial cards
- Patient cards
- Membership cards
- Insurance cards

... and more!

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





Advantage 2000 M2™ / M3™

Technical Specifications

SmartSys™

UPGRADE TO SMARTSYS TABLETOP MACHINE CONTROL SOFTWARE AND GET MORE FEATURES

For even more enhanced capabilities, consider upgrading your Advantage embosser's to SmartSys Tabletop, the user-friendly, feature-packed batch issuance software.

Xpressi™

EMV BRANCH ISSUANCE SOFTWARE

Couple your Advantage 2000 Series embosser with Xpressi™ software for an EMV branch card issuance solution that is cost-effective and easy to implement. Supporting multiple EMV configurations, chip types and even printer brands with one system, this solution gives an issuer the flexibility to keep their future expansion and operation options open for change.

For further detail on any of the above products, please consult the corresponding NBS brochure.

GENERAL SPECIFICATIONS

- Keyboard for manual data entry
- 110 character embossing wheel
- Auto feed input hopper (200 card capacity)
- Auto unload stacker (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

PRINTING

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

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

CARD SPECIFICATIONS

- 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)

MECHANICAL

- 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)

ELECTRICAL

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

ENVIRONMENTAL

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

OPTIONS

- Magnetic encoding:
 - > 3 track ISO HiCo/LoCo encoder
 - > JIS A
- Smart card personalization
- Contactless card personalization
- Colour tipper
- Indent printing front or rear
- 300 dpi thermal printing

Advantage 2000 Embossers meet all applicable FCC, CE and UL specifications



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