

# Desktop Card Embosser

By NBS Technologies

## Advantage™ 2000 M2® / M3® Embossers

Flexibility you need and the quality you can trust

The Advantage 2000 series is our tabletop card embosser line with a reputation that stands on its own. The Advantage M2 and M3 can be configured to include any or all of the following features: Magnetic Stripe Encoding, Thermal Printing, Contact Smart Card, Embossing, Rear Indent, Front Indent and Color Tipping of Embossed characters. These machines have been designed with flexibility in mind. Card personalization features can be added and removed in the field as your personalization needs change.



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 software is a powerful Windows® based card design and production package. Smartsys 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.

### THE ADVANTAGE™ 2000 M2 / M3 EMOSSERS OFFERS THESE KEY FEATURES AND BENEFITS:



#### DESKTOP FLEXIBILITY

- 110 character embossing wheel
- Indent printing front or rear
- Field upgradable



#### NETWORK AND ENCODING

- Magnetic stripe encoding
- Contact smart card personalization
- 300 dpi thermal printing



#### EASY-TO-USE

- Auto feed input hopper (200 card capability)
- Modular design
- Auto unload stacker
- Color tipper



## Embosser Specifications

<b>Embossing method</b>	110 characters wheel embosser Color tipping (optional) Indent printing front or rear (optional)
<b>Card encoding options</b>	Magnetic encoding - ISO or JIS ISO 7816 smart card personalization [EMV compliant] (optional)
<b>Embossing speed</b>	M2 - up to 280 cards per hour (depending on configuration) M3 - up to 350 cards per hour
<b>Embosser interfaces</b>	Operator panel : LCD display, 2-lines, 40 characters Communication: RS232
<b>Embossing characteristics</b>	CR80 Max. lines: 11, Max. simplex characters per line: 31, Max. OCR characters per line: 22, Maximum Blocco characters per line: 22 Thermal Print Area: (CR80 card size only) 1.750" x 3.125" (5.468 sq inches) Printing cannot be placed less than 100" from the top edge of card, .350" from bottom edge of card, and .200" from left and right edges of the card
<b>Card capacity</b>	200 cards input hopper, automatic feeding 200 finished cards output hopper (full sensor hopper) Single card front input feeder
<b>Weight</b>	130 lbs (59kg)
<b>Power source</b>	110V, 50-60 Hz, 4 amp 220V, 50-60 Hz, 3 amp
<b>Dimensions</b>	18.75" (476mm) D x 28.63" (727mm) W x 16.5" (419mm) H
<b>Environment</b>	Operating temperature: 14 - 27 °C / 58 - 80 °F, Relative humidity: 20% to 85% non-condensing

## Card Specifications

<b>Types</b>	Card size: CR80 - 3.375" x 2.125" (35.7mm x 54mm) Card thickness: .020" to .030" (.5mm to .8mm) Card material: Polyvinylchloride (PVC)
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## UPGRADE TO SMARTSYS TABLETOP MACHINE CONTROL SOFTWARE AND GET MORE FEATURES

### 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.



### EMV BRANCH ISSUANCE SOFTWARE

Couple your Advantage M2000 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.



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