



IMAGEMASTER E-40

HIGH SPEED DESKTOP CARD PRINTER



FINANCE



LOYALTY & REWARDS



GAMING & LEISURE



EDUCATION

PRODUCT OVERVIEW

The ImageMaster E-40 is a high-speed, single or dual sided smart card printer with features and performance that operates well in the most demanding environments.. The ImageMaster E-40 offers high speed single / dual-sided monochrome printing and is capable of producing cards at speeds of up to 4000 cards per hours (cph) single-sided and 1500 cards per hour dual-sided. It is the first Desktop Production Printer with a 10 Smart Card Elevator with a 500 card auto-feed input hopper and auto-unload stacker.

- Up to 10 Contact stations, up to 5 of which can support Contactless Smart Card Elevator.
- Options for magnetic encoding Contact, Contactless or both.
- Programmable card cleaning to help maintain quality.
- 500 card input hopper & output stacker.
- Works inline with our NBS-1500 Mailing System.



- Delivers fast monochrome printing: up to 4000 cph single-sided & 1500 cph dual-sided.
- Programmable card cleaning to help maintain quality.
- Can operate as a stand-alone unit with keyboard.

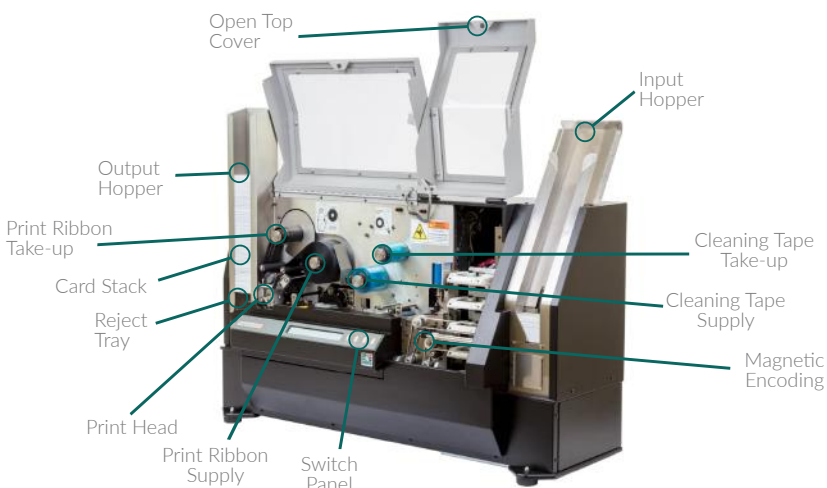


- Up to 10 Contact stations, up to 5 of which can also support Contactless Smart Card.
- Supports Ethernet and Serial connectivity.
- Options for magnetic encoding Contact, Contactless or both.



- 500 card input hopper & output stacker.
- LCD screen displays printer status and diagnostics.
- Easy to change ribbon and thermal print head.
- Clear card support is standard.
- Works in line with our NBS-1500 Mailing System.

PRODUCT BREAKDOWN



NBS MAILER 1500



The ImageMaster E-40 works in line with our NBS-1500 Mailing System to create a low-cost issuance & fulfillment system.

SPECIFICATION DETAILS

PRINT METHOD



- Print Mode: Fast, monochrome printing single-sided and double-sided printing
- Print Method: Thermal transfer (mono)
- Card Types: PVC & composite PVC - including breakaway and key cards
- Maximum print area 0.100" +/- 0.010" from side edges of card
- Card width/length ISO CR-80-ISO 7810: 53.98mm (W) x 85.60mm (L) / 3.375" x 2.125"
- Card thickness 0.024" (0.61 mm) to 0.030" (0.76mm) , (Optional)Thin card kit for 0.015" (0.38mm) and 0.020" (0.51 mm) cards

SYSTEM



- Display: LCD & LED
- Supported Platforms: Microsoft Windows XP/Vista/7/8/10
- Printer Interfaces: Two-line, 40-character LCD Keyboard for manual data entry, RS-232C Serial 9 Pin; Ethernet 10/100bT, TCP/IP printing using LPR/LPD or Raw socket
- CPU & RAM: CPU: 32 bit processor RAM: 128MB
- Operating Temp & Humidity: Operating temperature: 15°C to 30°C, Relative humidity: 20% to 65% non-condensing, Storage temperature: -5°C to 70°C, Storage humidity: 20% to 70% non-condensing, Ventilation: Free air

CARD



- Card Encoding Options: Magnetic encoding: 3 track, Dual Coercivity, ISO 7811, Bit to Bit (binary); JISA, JISC and JISA/ISO in single pass
- Card Capacity: 300 dots per inch (11.8 dots per mm) resolution.
- Font & Images: Configurable up to 10 Contact smart card stations, up to 5 of which can also support contactless personalization (Contact Station: ISO 7816 Part 1-3 T=0, T=1, Class A&B (5V and 3V) compliant, (Contactless: ISO14443 Part 1-4 A/B Mifare Classic/Desire/ICAO T=CL up to 848kbps and Felica
- Smart Card Elevator Options:

DIMENSIONS



- 14.5" (368mm) D x 24" (610mm) W x 35.75" (908mm) H
Weight: 118lbs (53.5kgs)

POWER SOURCE



- 110-230 Volts, 50-60 Hz FCC Class B, CE, ETL and ROHS compliant

WARRANTY



- 12 Months

CAPACITY



- 500 input hopper and output stacker, 25 - reject tray, Two production counters, one re-settable In-line mailer interface option is available

BARCODES




- EAN 13 & 8, UPC-A, Code 39, Codabar, Code 128, Code 12 of 5. When utilizing Smartsys you can also produce QR codes & PDF417

SOFTWARE DRIVERS



- Supports online printing from a variety of host computers including PC running Microsoft Windows 7, 8, 10, and AS-400 Supports both internally generated layouts using ASCII text fields from host computer, or full Microsoft Windows® compatibility with Windows 7, 8, and 10. Supported by NBS SmartSys™ Tabletop batch issuance software, a user-friendly, Windows card design and production application, ideal for batch issuance.



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