



# IMAGEMASTER D-40

## HIGH SPEED DESKTOP CARD PRINTER



FINANCE



LOYALTY & REWARDS



GAMING & LEISURE



EDUCATION

### PRODUCT OVERVIEW

The ImageMaster D-40 is a high-speed, dual-sided plastic card printer with features and performance that operates well in the most demanding environments. The D-40 offers high-speed dual-sided printing with parallel card processing capability, in a configuration that is geared for high volume card printing. The ImageMaster D-40 is one of the fastest dual-sided high-quality printer on the market today and is capable of producing cards at speeds of up to 4000 cards per hour (cph) single-side and 1500 cph dual-sided. The ImageMaster D-40 monochrome thermal printer allows you to personalize cards for customers, clients and employees, with unmatched speed and reliability.

- Delivers fast monochrome printing up to 4000 cph single sided and 1500 cph dual sided.
- Programmable card cleaning to help maintain quality.
- Can operate as a stand-alone unit with keyboard.
- 500-card input hopper and output stacker.
- Works in line with the NBS 1500 Mailing System to create a low-cost issuance and fulfillment.



- Delivers fast monochrome printing: up to 4000 cph single-sided & 1500 cph dual-sided.
- Programmable card cleaning to help maintain quality.
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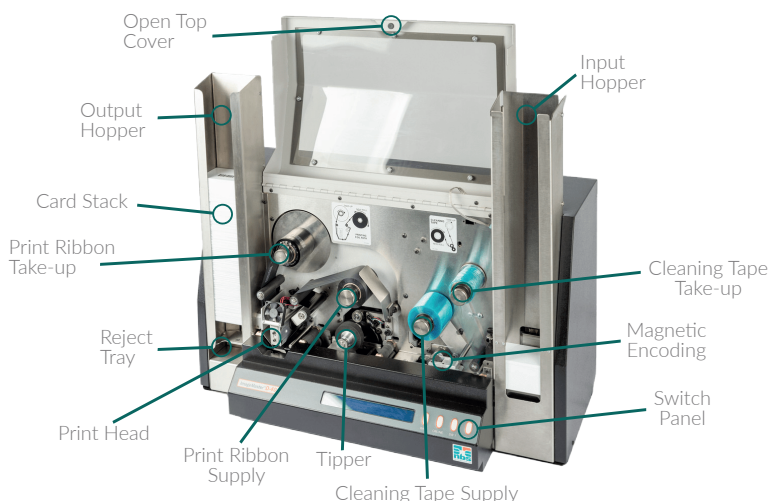


- Supports Ethernet and Serial connectivity.
- Options for magnetic encoding & contact or contactless smart card personalization - or both.



- 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.

### PRODUCT BREAKDOWN



### NBS MAILER 1500



The ImageMaster D-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
	ISO CR-80-ISO 7810: 53.98mm (W) x 85.60mm (L) / 3.375" x 2.125"
	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

### CARD

Card Encoding Options:	Magnetic encoding: 3 track, Dual Coercivity, ISO 7811, Bit to Bit (binary), JISA, JISC and JISA/ISO in single pass Smard Card Smart Card ISO 7816 personalization, Contactless (RF) Mifare card, ISO A & ISO B and others
Font & Images:	300 dots per inch (11.8 dots per mm) resolution.
Ribbons:	Full range of monochrome color ribbons (full and half widths) available. Shipped with Swiss Regular: 6, 8, 10, 14, 18, 24 pt, Swiss Italics: 6, 8, 10, 14 pt, OCRA: 10, 12 pt, Dutch Bold: 6, 8, 10, 18, 24 pt, Any True-Type font can be downloaded from Microsoft Windows to support customized fonts PC Dash Board software for use in downloading additional fonts and images also used for flash loading of firmware for easy updates. It also can be used to back the machine settings.

### 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 I 2 of 5. When utilizing Smartsys you can also produce QR codes & PDF417 Card capacity 500 input hopper and output stacker, 25 - reject tray, Two production counters, one re-settable In-line mailer interface option is available

### 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:	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 Monochrome Print speed Single-sided: Up to 4000 cards per hour, Dual-sided: Up to 1500 cards per hour

### DIMENSIONS

16" (407mm) D x 24" (610mm) W x 23" (585mm)  
Weight: 70 lbs (31.8kg)

### POWER SOURCE

110-230 Volts, 50-60 Hz FCC Class B, CE and ETL approved Dimensions


### WARRANTY

12 Months

### 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. Smartsys™ Link option increases production by allowing Smartsys to connect a batch of up to eight D-40s.



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