



**JAVELIN**

desktop card printers

## CX-330 Re-transfer Printer & CL-500 Laminator



*The innovative re-transfer card printer  
that gives you the finest photo quality  
available today*

### Features

- Perfect edge-to-edge printing, up to 125 cards/hour
- Glossy photo finishing (no pre-printing required)
- Ideal for contact and contactless smart card desktop personalization
- Ability to print on a variety of card materials (PVC, PET, ABS, Polycarbonate, etc.) 0.76mm or .25mm thick
- Intelligent ribbon with Status Monitoring Program on PC
- Print head has no contact with card, minimizing risk of damage
- In-line operation of printing, encoding and lamination reduces total personalization time
- Security Erase function for the K panel
- IPSec Protocol to encrypt and decrypt print data sent via network
- Meets a wide range of encoding and printing needs

Need to print high quality edge-to-edge graphics onto most types of plastic card? Need the option of laminating clear or high security holographic overlays onto one or both sides? If you answered "yes" to either of these questions, then the CX-330 re-transfer printer is your best option for high quality, desktop card production.

Now available with 10/100 Mbps Ethernet as standard, CX-330 is designed to personalize high quality, full-bleed, full-colour magnetic stripe, contact, and contactless smart cards

manufactured from PVC and a range of other different materials. The CX-330 has a user-friendly LCD panel that displays machine status. For high security applications, this printer can be combined with the optional CL-500 laminator and CF-AT10 turning unit for in-line single or dual-sided lamination. The unique re-transfer process ensures that even uneven card surfaces can be printed without a blemish.

**... high speed with the finest  
photo quality and optional added  
security and durability ...**



# CX-330 Re-transfer Printer CL-500 Laminator Technical Details

## GENERAL SPECIFICATIONS

- Printing Method  
Dye Sublimation / Resin thermal transfer
- Resolution  
300 dpi
- Printable area  
Full-bleed
- Print Speed  
29 seconds per card
- Lamination speed  
20 seconds per side
- Interface
  - USB 2.0
  - Ethernet 10/100 Mbps (IPSec IPv4 security protocol)
- Driver  
Windows® drivers for XP, Vista & 2000
- Dimensions (W x H x D)  
Printer: 343mm x 381mm x 339mm  
Laminator: 207mm x 308mm x 311mm  
Turning unit: 110 mm x 254 mm x 241 mm
- Weight  
Printer: 22kg  
Laminator: 8kg  
Turning unit: 3.2kg
- Signal Level  
256 levels per colour (YMC); 2 levels (K)
- Hopper Capacity  
300 cards (0.76mm thickness)
- Stacker Capacity  
100 cards (0.76mm thickness)
- Ink Ribbon
  - YMCK ink ribbon set (1000 sides per set)
  - YMCKK ink ribbon (750 cards per roll)
  - YMCKUv ink ribbon (750 sides per roll)
  - Retransfer film (1000 sides per roll)
- Lamination Film
  - Clear patches (600 patches per roll)
  - Holographic Overlay (1000 sides per roll)
- Options
  - Magnetic Stripe Encoding (300/2750 oe)
  - Contact & Contactless smart cards
  - Lamination unit (single or dual-sided)
  - Turning unit (for dual-sided lamination using different laminates on top and bottom of card)
- Safety Standards  
UL, VCCI-B, FCC Class B, EN Class B

**Genuine NBS Supplies**  
Your choice of card printer supplies is critical. It is a primary factor affecting the reliability and consistency of printing. Genuine Javelin Supplies meet stringent quality standards and are tested for optimum performance with Javelin card printers.



Card Hopper holds up to 300 cards (0.76mm)



Optional, field-upgradeable lamination unit



Optional in-line contactless smart card encoding module



**Re-transfer printing process**  
First, the card design is printed in colour onto the reverse of the clear re-transfer film. The printed film is then released from its carrier and applied to either side of a plastic card



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

Contact your nearest NBS location for more information on Javelin card printers & accessories:

Europe, Middle East, Africa  
For Sales & Technical Support  
7 Byfleet Technical Centre  
Canada Road  
West Byfleet, Surrey  
KT14 7NB  
United Kingdom  
tel: +44 (0) 1932.351531  
fax: +44 (0) 1932.351382

North / South America  
For Sales & Technical Support  
10925 Bren Road E  
Minneapolis, MN 55343  
USA  
tel: +1 952.912.9423  
fax: +1 952.912.9439

Asia Pacific  
For Sales  
PO Box 780  
Hurstville BC  
NSW 1481  
Australia  
tel: +61 (2) 9546.6841  
fax: +61 (2) 9546.6851