



**J A V E L I N**

desktop card printers



# Javelin™ Value-line Printers

*Our most affordable full color desktop card printers for either single or dual-sided printing solutions*

There are four different models in the J1xx range - J100i, J100m, J110i & J120i. Choose either an automatic multi-card feeder or single card feed, single or dual sided, color or monochrome. Javelin Value-line printers are reliable, compact and easy-to-use card printers that deliver outstanding performance at a great price. Boasting versatility and ease-of-use, they are an economic, yet reliable solution for all your low volume, on-demand card printing needs.

### Compact and Flexible

- Small footprint easily fits into a wide range of locations
- Conveniently fits on the desktop or under the counter
- Weighs less than 10 pounds (4.3 kg)
- Print full color or monochrome (J100m monochrome-only)
- Print single-sided or dual-sided (J120i)

### Encoding and Network Options

- 3 track magnetic stripe encoding (HiCo/LoCo)
- Contact and contactless smart card encoding capabilities (J100i)
- Built-in 10/100 Ethernet for printer networking simplifies device management and eliminates the need for third party external device
- Unique "JX" features

### Easy-to-Use

- User-friendly USB plug-and-play setup
- Intuitive design simplifies set-up and reduces training costs
- LCD screen displays printer status and diagnostics
- Translucent card cover allows you to see when card supply is running low (not J100i)
- ATM style Card Sense™ single-card feed
- Simple print head replacement — no tools required

### i-Series™ Functionality

- Automatic color optimization and driver configuration
- Enhanced ribbon formulation for optimal color output
- Ribbon image counter and ribbon-low notification
- Reduced media consumption with the monochrome ribbon-save mode

### Ideal for:

- Employee ID cards
- Student ID cards
- Access control cards
- Gift cards
- Financial cards
- Visitor ID cards
- Membership cards
- Loyalty cards
- Government Licenses
- ... and more!



**Load-N-Go Ribbon Cartridge**  
Load-N-Go™ ribbon cartridge with integrated card cleaning roller for easy ribbon replacement.

**... small printers  
big statements ...**





# Javelin™ Value-line Printers at a glance



## UPGRADE TO JAVELIN "JX"™ AND GET MORE FEATURES

For even more enhanced capabilities, consider upgrading your Javelin printer to JX status. With the integration of our optional JX board, Javelin printers can operate as a true network printer without a dedicated PC and provide a range of other unique performance and security options.



## ADD JAVELIN5™ INTUITIVE CARD DESIGN SOFTWARE

Javelin5 is a multifunctional software application that offers easy and flexible features to manage any card design and printing need. From the back office card production to the low-end personalization solution, Javelin5 offers the easy-to-use solution with total control of your options.



## EMV INSTANT BRANCH ISSUANCE SOFTWARE

Couple your Javelin 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.

Legend: ● = standard features; ○ = optional features;  
△ = with optional CardSense™ single card feeder



	J100i	J110m	J110i	J120i
<b>Color printing</b>	●		●	●
<b>Monochrome printing</b>	●	●	●	●
<b>Single-side printing</b>	●	●	●	●
<b>Dual-side printing</b>				●
<b>Card input hopper (100 cards)</b>		●	●	●
<b>Card output hopper (45 cards)</b>		●	●	●
<b>Single card feeder</b>	●	△	△	△
<b>USB &amp; interface</b>	●	●	●	●
<b>USB &amp; Ethernet interface</b>	○	○	○	○
<b>Magnetic stripe encoding (3-track HiCo / LoCo)</b>	○	○	○	○
<b>Contact smart card personalization</b>	○			
<b>Contactless smart card personalization</b>	○			
<b>Storage for multiple card types and cleaning rollers</b>	●			
<b>Card thickness supported: 30 mil</b>		●	●	●
<b>Card thickness supported 20-40 mil</b>	●	△	△	△
<b>Clear card supported</b>	●	△	△	△
<b>Custom-made carry case</b>	○	○	○	○
<b>Javelin5: Intuitive ID Card software</b>	○	○	○	○
<b>JX: Upgrade for additional features</b>	○	○	○	○
<b>Xpressi: financial EMV software solution for distributed branch issuance</b>	○			

### GENERAL SPECIFICATIONS

- Load-N-Go™ drop-in ribbon cartridge
- 6-digit LCD display
- 8MB image memory standard
- NBS printer drivers for Windows® XP, Vista, 2000 & Server 2003
- Up to three years printer warranty
- Up to two years (unlimited passes) print head warranty

### PRINTING

- Color dye sublimation and monochrome thermal transfer printing
- Print speeds  
Monochrome: 7 seconds  
Single-side, full color (YMCKO): 30 seconds  
Dual-side, full color face, black reverse (YMCKOK): 40 seconds
- 300 dpi (11.8 dots/mm) print resolution

### BAR CODES

- Code 39, Code 128 B & C with & without check digit
- 2 of 5 & 2 of 5 Interleaved
- UPC-A, EAN 8 & EAN 13
- PDF-417 2D bar code and other symbologies can be printed via Windows drivers

### CARD SPECIFICATIONS

- Types: PVC, PVC Composite
- Card width/length: ISO CR-80-ISO 7810, 2.12" \ (54mm) x 3.38" (86mm)
- Magnetic Stripe-ISO 7811

### RIBBON SPECIFICATIONS

Javelin i-series printers require the use of Javelin encoded i-series ribbons cartridges for full color printing

- Load-N-Go™ ribbon cartridge with integrated card cleaning roller
- YMCKO: 200 cards/cartridge
- YMCKOK: 170 cards/cartridge
- Monochrome: 1000 cards/cartridge in black, blue, red, green, gold or silver, 850 cards/cartridge in white

### MECHANICAL

- Width: 7.9 in (201mm)
- Depth: 12.9 in (328mm)
- Height: 9.25 in (235mm)
- Weight: 10 lbs (4.5kg)

### ELECTRICAL

- 110 ~ 240 Volts AC, 50 ~ 60 Hz (auto switching)
- FCC Class B, CE and either NRTL or UL & CUL approved

### ENVIRONMENTAL

- Operating Temperature: 60°F to 86°F (15°C to 30°C)
- Operating Humidity: 20% to 65% non-condensing
- Storage Temperature: 23°F to 158°F (-5°C to 70°C)
- Storage Humidity: 20% to 70% non-condensing
- Ventilation: Free air

### 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.

  
Always use TrueColours™ certified media from NBS Technologies



Website: [www.nbstech.com](http://www.nbstech.com)  
Email: [info@nbstech.com](mailto:info@nbstech.com)

**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 & consumables:**

**Europe, Middle East, Africa**  
B1 Moorfield Point  
Slyfield Industrial Park  
Guildford, Surrey GU1 1RU  
United Kingdom  
tel: +44 (0)1483 563200  
fax: +44 (0)1483 511189

**North / South America**  
10925 Bren Road E  
Minneapolis, MN 55343  
USA  
tel: +1 416.840.8620  
fax: +1 952.912.9439

**Asia Pacific**  
PO Box 780  
Hurstville BC  
NSW 1481  
Australia  
tel: +61 (2) 9546 6841  
fax: +61 (2) 9546 6851

©Feb 2009 NBS Technologies Inc. Specifications are subject to change without notice. All rights reserved. NBS and the NBS logo are registered trademarks of NBS Technologies Inc. in the United States and Canada and are trademarks in other countries. Javelin is a registered trademark of NBS Technologies Limited in the United States and European Union and are trademarks in other countries. Javelin5 & the Javelin5 design are trademarks of NBS Technologies Inc. All other brand and product names are the trademarks or registered trademarks of their respective holders.