Javelin Value-line Printers

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

Javelin J1xx printers are reliable, compact and easy-to-use card printers that deliver outstanding performance at a great price. Boasting versatility and ease-of-use, Javelin J1xx printers are ideal for applications such as:

• Employee ID and Access Cards

• Student and Faculty IDs

• Remote/Distributed Issuance

• Membership Cards

• Personalized Loyalty and Gift Cards

..... and more!

Versatile / Easy-to-Use

There are four different models in the J1xx range. Print in full colour or monochrome, single or dual-sided. Choose either an automatic multi-card feeder or single card feed. User-friendly features such as blue touch points indicating user touchable areas; translucent card cover showing card supply; and a "no-tools-necessary" print head replacement are just a few of the features which make these printers easy to handle. Along with their compact and sleek design, you can afford to put one of these printers just about anywhere.

Innovative Patent Pending Technology

Javelin J1xx printers use high strength plastics and advanced electronics for reduced size and weight, and to provide outstanding performance. Easy to replace Load-N-Go™ ribbon cartridge with integrated card cleaning roller features automatic set-up and low ribbon warningindicator.

Ideal Hardware Choice for Remote and Distributed Issuance Solutions

Coupled with the latest remote and distributed issuance software from NBS' software division, UbiQ® , the Javelin J100i printer becomes a powerful financial EMV solution for local, instant issuance capabilities while maintaining centralized security.

For additional 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.

* Optional JX upgrades available shortly. Ask for details.

... small printers, big statements ...

Javelin® Value-line Printers

Javelin J1xx Printers at a glance

	J100i	J110m	J110i	J120i
Colour printing	●		●	●
Monochrome printing	●	●	●	●
Single-side printing	●	●	●	●
Dual-side printing				●
Card input hopper (100 cards)		●	●	●
Card output hopper (45 cards)		●	●	●
Single card feeder	●	○	○	○
USB interface	●	●	●	●
USB & Ethernet interface	○	○	○	○
Magnetic stripe encoding (3-track HiCo/LoCo)	○	○	○	○
Contact smart card personalization	○			
Contactless smart card personalization	○			
Storage for multiple card types and cleaning rollers	●			
Card thickness supported: 30 mil		●	●	●
Card thicknesses supported: 20 - 40 mil	●	△	△	△
Clear card supported	●	△	△	△
Upgrade to additional "JX" features*	○	○	○	○

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

Technical Details

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
- Colour dye sublimation and monochrome thermal transfer printing
- Print speeds
  Monochrome: 7 seconds
  Single-side, full colour (YMCKO): 30 seconds
  Dual-side, full colour 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, 54mm \ (2.12") x 86mm (3.38")
- Magnetic Stripe-ISO 7811

RIBBON SPECIFICATIONS
Javelin i-Series printers require the use of Javelin encoded i-Series ribbons cartridges for full colour 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: 201mm (7.9 in)
- Depth: 328mm (12.9 in)
- Height: 235mm(9.25 in)
- Weight: 4.5kg (10 lbs)

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

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

ADDITIONAL FEATURES WITH OPTIONAL UPGRADE*
- Enables Javelin to be run as a true network printer without a PC
- Ability to store layouts, fonts and images within the printer's memory
- Allows user to send print commands directly to the printer from a server, via the web, or by manual input
- Non standard magnetic encoding formats
- Remote diagnostics capabilities
- Password protected security
- Network security and data encryption to IPSec specifications (available shortly)
- Print farm utility (optional)

* Optional JX upgrades available shortly. Ask for details.

Always use TrueColours™ certified media from NBS Technologies

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.