

Javelin J420i

High performance dual side printer with a wealth of features and options

The Javelin J420i printer, with its robust metal enclosure, offers fast, cost-effective, and attractive card personalization making it the ideal solution for a wide range of identification needs—from magnetic stripe to contact and contactless smart card encoding.

Ideal for both instant card issuance and the personalization of large card batches, the Javelin J420i is the printer of choice for everything from access control passes, visitor cards, and badges to membership and promotion cards.

The J420i has a unique flip-over feature that allows printing on both sides of the card. The 300 dpi resolution ensures exceptionally sharp print quality. Cards take around 25 seconds to print in full color on a single side, around 35 seconds to print in full color on one side and black on the other, or around four seconds for single-sided monochrome printing. And edge-to-edge printing is standard.

The useful LCD panel assists the operator by clearly describing the current status of the printer. It even provides a reminder when routine cleaning needs to be done.

The compact and fast Javelin J420i:

- is designed with a unique flip-over feature for easy dual-sided card printing
- personalizes high-quality, edge-to-edge, full-color cards
 - single-sided printing—25 seconds per full-color card or four seconds per monochrome card
 - dual-sided printing—35 seconds per dual-sided card (color front, black back)
- is flexible enough to meet your specific requirements—with magnetic stripe, contact, and contactless smart card encoding options and a wide range of available color ribbons
- has a user friendly LCD panel that displays machine status
- is perfect for instant issuance or batch production

... ideal for both instant card issuance and large batch personalization ...



Javelin® J420i Technical Details

Features

- Single-sided monochrome
- Fast color printing: around 35 seconds/card, dual-sided (YMCKOK ribbons)
- Flip-over feature for dual-sided printing
- Easy-to-load ribbon
- Simple card thickness adjustment
- Auto-synchronization of ribbon
- Automatic cleaning
- Covered input hopper with integrated card weight & easy single card feed
- Reject card box

GENERAL SPECIFICATIONS

- Color dye sublimation or monochrome thermal transfer printing
- 300 dpi (11.8 dots/mm) print resolution
- Edge-to-edge printing standard
- 4 MB image memory standard
- LCD to show printer status
- Card input cartridge capacity: up to 300 cards (10 mil); up to 100 cards (30 mil)
- Card output hopper capacity: up to 300 cards (10 mil); up to 100 cards (30 mil)
- Parallel and USB ports
- Windows® drivers for 95, 98, 2000, ME, XP & NT 4.0
- Up to 3 years printer warranty
- Up to 2 years (unlimited passes) printhead warranty

OPTIONS

- RS 232 serial port
- Smart card encoding
- Contactless (Mifare) card encoding
- Dual coercivity magnetic stripe encoding (top or bottom side)
- Large card stacker (replaces input hopper)

RIBBONS

Javelin *i-Series* printers require the use of Javelin branded *i-Series* TrueColours ribbons for full color printing.

- Monochrome colors: black, red, blue, green, silver, gold, white and scratch-off gray
- YMCKO - 200 & 330 cards/roll
- Half-panel YMC plus full-panel KO - 170 cards/roll
- KdO - 500 cards/roll
- KrO - 500 cards/roll
- Overlay varnishes - clear and hologram: 350 cards/roll

BAR CODES & FONTS

- Code 39, Code 128 B and C with and without check digit
- 2 of 5 and 2 of 5 interleaved
- UPC-A, EAN 8 and EAN 13
- PDF-417 2D bar code, other symbologies and True Type fonts via Windows® drivers

CARD SPECIFICATIONS

- Types: PVC & composite PVC
- Card width/length: ISO 7810 (CR-80) 2.125" (54 mm) x 3.375" (86 mm)
- Card thickness: 0.25 mm to 1.52 mm

PHYSICAL DIMENSIONS

Depth: 10" (254 mm) (excluding hopper)
 Width: 20.590" (523 mm)
 Height: 10.590" (269 mm)
 Weight: 27.5 lb (12.5 kg)

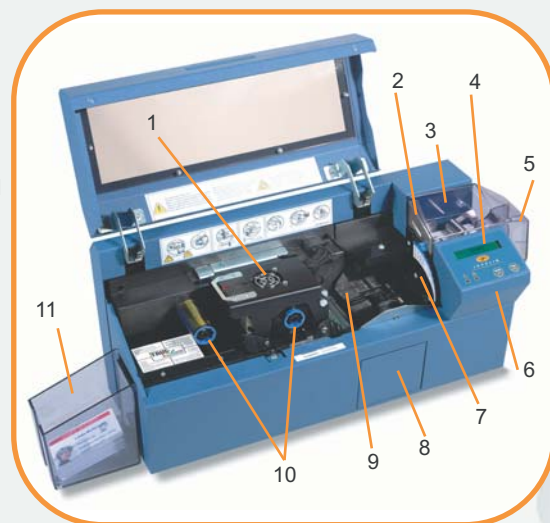
ELECTRICAL

- Power requirements: 110-230 Volts, 50-60 Hz
- FCC Class A, CE, UL, & CUL approved

ENVIRONMENTAL

- Operating temperature: 59°F to 86°F (15°C - 30°C)
- Relative humidity: 20% to 65% non-condensing
- Storage temperature: 23°F to 158°F (-5°C - 70°C)
- Storage humidity: 20% to 70% non-condensing
- Ventilation: Free air

Designed and built to ISO 9001 certification standards. All specifications are subject to change without notice. Windows is a registered trademark of Microsoft Corporation in the United States and other countries.



- 1 User replaceable print head
2. Simple card thickness adjuster
3. Covered input hopper
4. LCD display panel
5. Integrated card weight
6. Easy single card feed
7. Flip-over unit
8. Reject card box
9. Automatic cleaning
10. Easy to load ribbon
11. Large output hopper



Integrated contact & contactless smart card encoding kit



Optional large card stacker

Always use TrueColours™ certified media from NBS Technologies

