

Javelin[®] J420 *Dual-sided card printer*

Javelin

High performance printer with a wealth of features and options

The Javelin J420 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 J420 is the printer of choice for everything from access control passes, visitor cards, and badges to membership and promotion cards.

The J420 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 J420:

- 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® J420 *Technical details*

FEATURES:

- 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)
- 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
- USB connector
- Smart card encoding
- Contactless (Mifare) card encoding
- Dual coercivity magnetic stripe encoding (top or bottom side)
- Large card stacker (replaces input hopper)

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: 254 mm (excluding hopper)
Width: 523 mm
Height: 269 mm
Weight: 12.5 kg

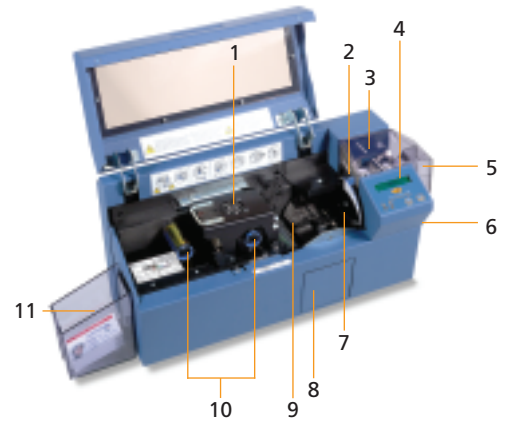
ELECTRICAL:

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

ENVIRONMENTAL:

- Operating temperature: 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

All specifications subject to change without notice



- 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



Card flip unit



Integrated contact and contactless smart card encoding kit



70 Eisenhower Drive
Paramus
New Jersey 07652
USA

T +1.201.845.7373
F +1.201.845.3337

NBS—the leader in card personalization solutions

Founded in 1974, NBS Technologies is a leader in card personalization solutions. When you buy from NBS, count on getting the most personalized and valuable solution possible. Our team has the answer— whatever your unique card personalization needs.

www.nbstech.com

info@nbstech.com

Byfleet Technical Centre,
Canada Road, West Byfleet
Surrey KT14 7NB
United Kingdom

T +44.1932.351531
F +44.1932.351382

703 Evans Avenue
Suite 500
Toronto, Ontario
M9C 5E9 Canada

T +1.416.621.1911
F +1.416.621.8875

Designed and built to ISO 9001
certification standards

Always use TrueColours™ certified
media from NBS Technologies

