Javelin DNA Series

High speed desktop card printers with added new features

The Javelin desktop series now has 3 main models: the **Javelin DNA**, which is an entry-level manual feed printer, the **Javelin DNA PRO** which has input and output hoppers (auto feed) and the **Javelin MBOSS** with a unique printhead for pre-embossed financial cards.

New features on all models include a mobile app, enabling you to send card images from your Android or tablet, a rewrite feature for re-usable cards and Data Shield to protect the data visible on the ribbon when printer to a card and software security lock.

Javelin DNA
ID card printer
- **Single-sided**
- **Manual feed**

Javelin DNA PRO
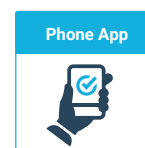### ID card printer
- **Single-sided and dual-sided**
- **Auto feeder**

Javelin MBOSS
ID card printer
- **Prints on pre-embossed cards**
- **Manual and single-sided printing**

New features
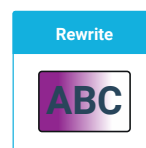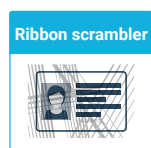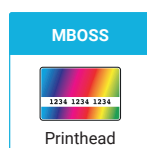
MBOSS	Ribbon scrambler	Software lock	Rewrite	Phone App	Warranty
1234 1234 1234			ABC		30 months
Printhead					

Secure issuance solutions, it's in our DNA

JAVELIN GLOBAL

Javelin DNA Series

Specifications

Print technology
Dye-sublimation, direct-to-card

Print resolution
300 dpi

Print area
53.98 x 85.6mm / 3.370" x 2.125" (CR-80 cards)

Print speed
• 180-200 cph (YMCKO single-side)
• 100 cph (YMCKOK dual-sided)
• 800 cph (monochrome printing)

Print mode
Manual, automatic single or dual-sided (optional)

Printer memory
RAM: 128 Mb, CPU: 32 bit processor

Communications interface
USB 2.0

Easy to use, plug and print operation
• LCD display with graphical notifications
• 4 x LED status indicators
• Drop in ribbon cassette with easy handling
• Automatic ribbon identification and setting
• Easy maintenance access

Printer security
Support for Kensington® security lock

Printer dimensions (HxWxD)
Javelin DNA/PRO/MBOSS:
305x184x228mm / 10.6"x7.9"x15.9"

Weight
• Javelin DNA: 3.7kg, 8.16lb
• Javelin DNA PRO/MBOSS: 4.5kg, 9.92lbs

Power supply
• Input: 220-240V/110-115V, 50-60 Hz
• Output: DC 24V, 2.5A
• FCC Class A, CE and CCC, KCC, Energy Star app

Operating environment
• Temperature: 5ºC to 40ºC, 41ºF to 104ºF
• Humidity: 20% - 90% (non-condensing)

Storage conditions
• Temperature: -10ºC to 60ºC, 14ºF to 140ºF
• Humidity: 20% to 90% (non-condensing)

Sound (ISO 7779)
Sound pressure less than 48dB (A)

Certifications
RoHs, CE, FCC, CQC, UL, WEEE, Proposition 65
(California, USA)

Warranty
30 months

Card specifications

Input hopper capacity
100 cards (0.76 mm / 30 mil thickness)

Output hopper capacity
60 cards (front)

Card thickness
• 0.25 mm - 1.25 mm / 10 mil - 50 mil
• Gauge adjustment

Card types
CR-80 PVC, PVC-C, rewrite (optional)

Software specification

Printer driver
Windows® 7, 8.1, 10, Vista, XP

Integration tools
• EDIsecure® middleware
• SDK available for system integrators

Barcodes
Code 39, Code 128 B&C with and without check digit.
2 of 5 interleaved UPC-A, EAN 8 & EAN 13 PDF-417
2D barcode and other symbols can be printed via
Windows drivers.

Options

Magnetic stripe encoding
ISO 7811 HiCo/LoCo (factory fit only)

Smart card / Contactless encoding
• Contact PC/SC, EMV compliant
• Smart contact station: ISO 7816-2
• ISO14443A, B, ISO15693, MIFARE®, DESFire®,
  HID iClass®

Printer security
• Mechanical locks
• Electromagnetic locks
• Hopper locks
• Kensington lock

Communications interface
WiFi 802.11 a/b/g

WiFi to mobile
Link to mobile app.

Lamination
Inline Javelin laminator

Consumables

To ensure print quality and card durability,
printhead lifespan and overall printer reliability,
use Javelin ribbons only.

Supply cores and cassettes are recyclable.
Packaging is recycled.

Ribbon program	Part No.
• **Colour YMCKO** (up to 200 prints)	**61123501**
• **Colour YMCKOK** (up to 167 prints)	**61123511**
• **Colour (half panel YMC)KO** (up to 400 prints)	**61123513**
• **KO - Black /Overlay** (up to 500 prints)	**61123201**
• **Monochrome K - Black** (up to 1000 prints)	**61123110**
• **Mono White** (up to 1000 prints)	**61123113**
• **Mono Red** (up to 1000 prints)	**61123114**
• **Mono Blue** (up to 1000 prints)	**61123112**
• **Mono: Silver** (up to 1000 prints)	**61123117**
• **Mono: Gold** (up to 1000 prints)	**61123116**
• **Scratch-off** (up to 1000 prints)	**61123118**
• **Cleaning kit** - 5x cleaning cards - 5x 6" swabs - 1x long cleaning T-card	**61100929**

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Secure issuance solutions, it's in our DNA

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