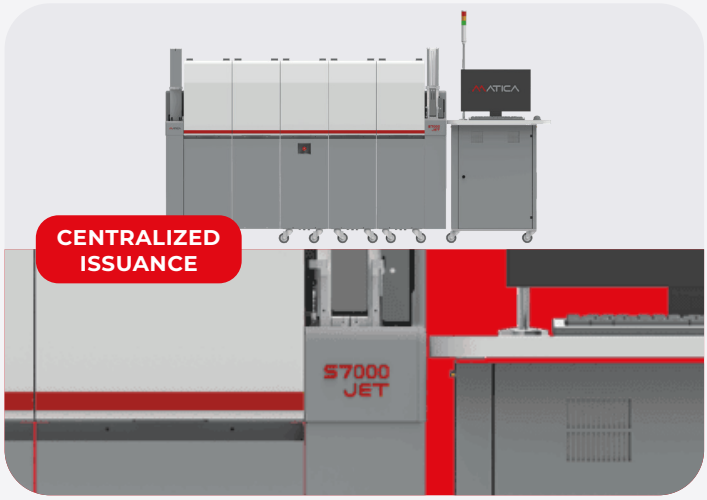


S7000Jet

A REVOLUTION FOR FINANCIAL CARD ISSUANCE

Matica's S7000Jet is the latest addition to the reliable and established S7000 platform. This brand-new system revolutionizes secure printing for the payment market.

Using **Drop on Demand (DoD)** printing technology, it can print up to 1,500 cards an hour with **outstanding print quality** in both black and white. DoD consumable costs are considerably lower than those for ribbon-based printing technologies, resulting in a significantly lower cost per card.

Process speed is substantially faster and abrasion resistance is four times **more durable** for UV-cured DoD ink than for thermal transfer printed cards.

WHAT MAKES THE S7000JET IDEAL FOR PAYMENT CARD ISSUANCE?

- **MINIMAL MAINTENANCE:** is required, with capping and cleaning both automated.
- **USER-FRIENDLY:** The visual interface is easy to learn and use. Ink can be monitored in real time and adjustments can be made easily.
- **FLEXIBLE SMALL BATCH PRODUCTION:** Ideal for combining small batch orders into one production run, seamlessly and without any interruption - perfect for Rainbow jobs.
- **SUSTAINABLE:** Optimized for use with eco-friendly materials such as PLA and R-PVC.
- **HIGH-RESOLUTION:** The BiancoNero™ printing head and inks enable 600dpi high-quality graphical personalization in black and white.
- **LOWER COST-PER-CARD:** compared to ribbon-based printing technologies.



- **Metal Card Handling (Passing)**: The S7000 and S7000Jet baseline infrastructure accommodates CR80 metal cards for encoding, mechanical handling, or alternative inline modules like laser engraving, though direct inkjet adherence and requirements vary by surface preparation.
- **Monochrome Colors ("-custom" / Spot Colors)**: The standard S7000Jet system uses UV-cured black and white DoD ink, while additional or custom spot colors are technically available on request through Matica's specialized configurations rather than native multi-color custom ink changing on the fly.

FEATURES

DROP ON DEMAND
Print technology

CENTRALIZED
Issuance

ECO-FRIENDLY
Compatible materials

600 DPI
Resolution

CARD ATTACH
Option

CARD LABELLER
Option

1 YEAR
WARRANTY

1500 cph
Monochrome

UV CURING
4x more durable

x600 IN/OUT
Single and Multiple options

MATICARD PRO®
Production software

LASER MODULE
Option

BRAILLE MODULE
Option

SPECIFICATIONS

Print technology
- Drop on Demand (DoD) BiancoNero™ printing station with real time ink monitoring
- Individually enabled printheads

Inkjet module
- Single or dual-side modules for a complete process
- Plasma pre-treatment for surface preparation, including gas filtering and exhaust
- BiancoNero™ heads for one or two colors per side
- LED UV lamp for ink curing. Adjustable light intensity, curing distances and exposure area.

Print resolution
- 600dpi

Print speed
- 1,500 cph

Print area
- ISO standard CR80 cards

Input hopper capacity
- 600 cards (ISO standard, 0.76 mm/30 mil thickness)
- Multiple hoppers available

Output hopper capacity
- 600 cards (ISO standard, 0.76 mm/30 mil thickness)
- Multiple hoppers available

Communications interface
- USB 2.0, Ethernet 10BaseT, 100BaseT

Dimensions (L x W x H)
- 300 x 70 x 140 cm (base machine)

Power supply
- 100 to 240 VAC; 50/60 Hz, 2500 Watt

Maximum operating time
- 24 hours

Operating environment
- Temperature: 18°C - 25°C
- Humidity: 45% - 60% (non-condensing)

Vision verification
- Text (OCR/OCV) and barcode (linear/2D) validation to verify 100% of card production
- Front and/or rear processing available

Sustainable
- Pre-configured for optimal personalization quality on eco-friendly materials such as PLA and R-PVC

Maintenance
- Automatic cleaning and capping procedures

PRINTER SPECIFICATIONS

Software
- Maticard Pro® card production
- Dedicated inkjet layout design
- BiancoNero™ monitoring agent

Safety
- Head anti-collision system
- Emergency stop button
- Exception handling system

Certifications
- RoHS, CE, WEEE, Proposition 65, UL Laser Chamber

Warranty
- 1 year standard
- +1 year extension available on request

ENCODING OPTIONS

Smart card / Contactless encoding
Single or multiple Silos IC encoder contact, contactless or dual interface module to encode any chip type:
- Contact PC/SC, EMV compliant
- Smart contact station: ISO 7816-2
- ISO14443A, B

Magnetic stripe encoding
- Three track ISO standard reader-verifier magnetic encoding module

OPTIONS

Upgrades and modules
- LX laser marker
- Card activation labeler
- Card attach
- Braille module

CONSUMABLES

BiancoNero™ ink
- Black
- White
- Colors on request

Flush fluid

OFFICES

Europe: Switzerland HQ, Italy
Asia: Malaysia, China
USA: South Carolina, Minnesota, Ohio
Middle East: UAE (Dubai)



CONTACTS

sales@identisgroup.com
www.identisgroup.com

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