

S7000Jet

Warranty



A revolution for financial card issuance



МБ 102ЕВН 2ЫСЕК

Matica's S7000Jet is the latest addition to its reliable and established S7000 platform. This brand-new system is set to revolutionize 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.

Drop on Demand



Print technology

Eco-friendly



Compatible materials

Visa/Mastercard



Fully compliant

1500 cph



Monochrome

600 dpi



Resolution

UV curing



4x more durable

x600 in/out



Single and Multiple options

Maticard Pro®



Production software

Card attach



Option

Laser module



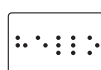
Option

Card labeller



Option

Braille module



Option

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 600 dpi high quality graphical personalization in black and white.
- ▶ **Lower cost-per-card** – compared to ribbon-based printing technologies.

S7000Jet

Printer specifications

Print technology

- Drop on Demand (DoD) BiancoNero™ printing station with real-time ink monitoring
- Individual card transport system
- 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

Dimension (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: 15°C - 40°C (59°F - 104°F)
Humidity: 20% - 65% (non-condensing)

Vision verification

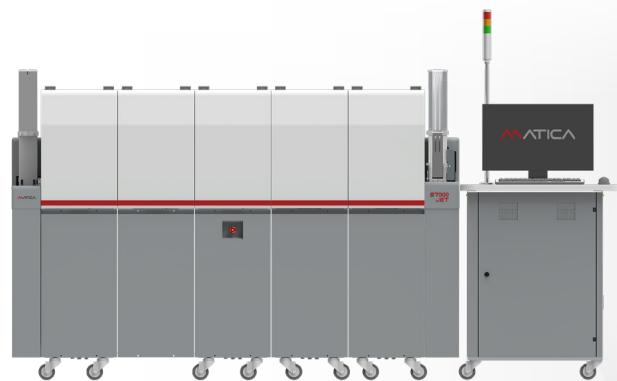
- Text (OCR/OCV) and barcode (linear/2D) validation to verify 100% of card production
- Front and/or rear processing available

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

- MaticardPro card production
- Dedicated inkjet layout design
- BiancoNero™ monitoring agent

Safety

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

Warranty

12 months or 3 million cards

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

BiancoNero™ ink

- Black
- White
- Colors on request

Flush fluid



Global offices

Europe: Switzerland HQ, Italy, UK and Germany

Asia: Malaysia, China and India

USA: Minneapolis HQ, South Carolina and San Francisco

Middle East: Dubai



S7000Jet Datasheet A4 UK V4

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Authorized reseller / System integrator