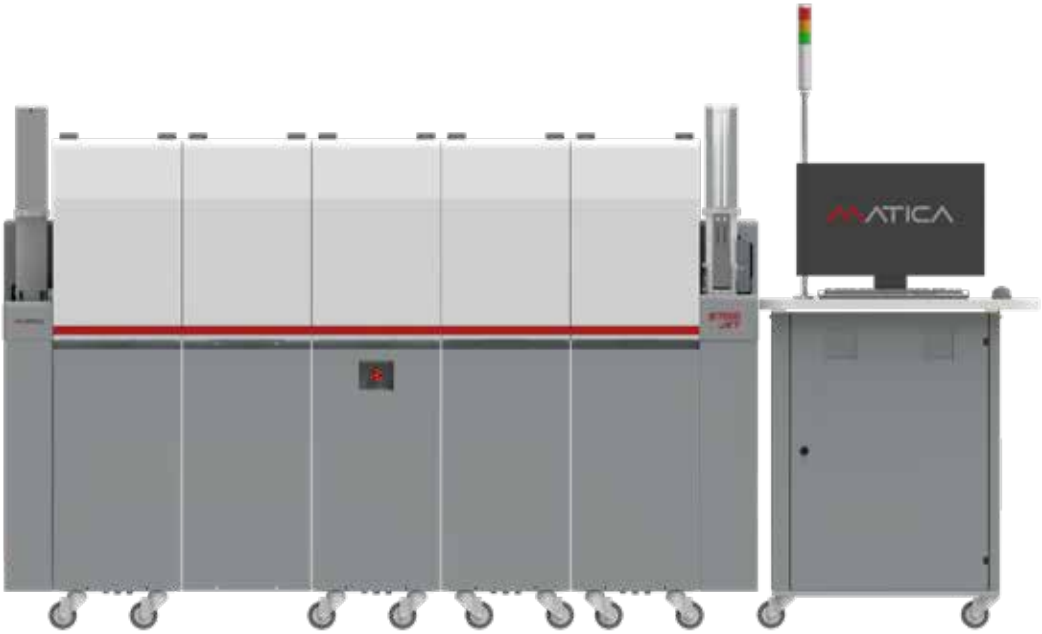
MATICA
Technologies for a safe world

CENTRAL ISSUANCE SOLUTION FOR HIGH VOLUME CARD PERSONALIZATION

S7000Jet



S7000Jet

High-speed Central Issuance Solution with DoD Technology

Matica S7000Jet is a complete solution built on S7000 proven architecture, engineered for the best personalization quality for financial application. It is a strong, reliable system for mid to high volume production - 1.500 cph - and ideal also for small batches personalization.

The S7000Jet is a preconfigured platform designed for being compact, as a matter of fact the size of the system goes from 3 to 5 meters.
Using Drop-on-Demand (DoD) printing technology, the S7000Jet is a cost-efficient solution that can print up to 1,500 cards an hour with outstanding printing quality in both black and white.

The system is engineered to be easy to use and service, thanks to many new features such as the automatic capping and cleaning which reduce maintenance time and is a simple process that can performed without the need of expert technical support.

The S7000Jet is also very user-friendly, the visual interface is easy to learn and use. Ink can be monitored in real-time and adjustments can be made easily. It is ideal for combining small batch orders into one production run – seamlessly and without any interruption. With full surface plasma, whether printing simplex or configuring side(s) and color(s), no intervention or interruption is required between batches, making the S7000Jet perfect for Rainbow jobs.

The Inkjet module can be single or dual side for a complete process and includes Plasma pre-treatment with gas filtering and exhaust system, BiancoNero Printing Head for one or two color per side and Led UV lamp for Ink curing with adjustable light intensity, curing distances and exposure area.

MaticardPro is a Windows PC-based software platform which includes everything you need to run the production jobs and batches. It provides card design editor together with a card management and production solution, all in one single integrated package:
- Easy-to-use GUI reduces training costs & time
- Quick and easy switching between jobs
- User-friendly drag-and-drop layout editor
- Distributes multiple jobs across many S7000
- Track production with detailed log files
- Control access to data with built-in security policies

- Renewed and modern style
- Designed for being compact
- Best personalizaion quality
- Two Colors - Dual side
- Easy to use and service

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TECHNICAL SPECIFICATIONS

Productivity	1.500 cph Maximum operating time: 24 hours/day
Base machine	Card feeder: 600 plates (ISO standard) Card stacker: 600 plates (ISO standard) Encodings (mag, contact, contactless) Inkjet Module (single color, single side)
Options	Second color / Dual Side Vision Verification
Inkjet Module	Full surface Plasma treatment BiancoNero Printing Station with real time Ink monitoring LED UV curing Individual Card transport system Automatic Cleaning and Capping procedures Indivually enabled printheads
Consumables	Black and White Inks Flush Fluid Additional Colors on request Other Inks
Software	MaticardPro Card Production Dedicated Inkjet layout design BiancoNero monitoring agent
Communication Interface	USB and Ethernet
Security	Head anticollision system Emergency Stop button Exceptions Handling System
Warranty	1 year or 3 million cards
Dimension (L x W x H)	300 x 70 x 140 cm (base machine)
Electrical Requirements	Power Supply: 100 to 240 VAC; 50/60 Hz, 2500 Watt
Operating environment	Temperature: 15 ÷ 30 °C Humidity: 20% ÷ 65% non condensing

- Credit & Debit Cards
- Drivers License
- Secure Access Cards
- Healthcare Cards

Authorized Reseller / System Integrator

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