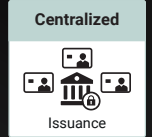
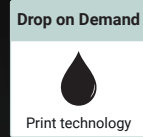


S7000



The complete centralized card personalization solution



Modular card personalization system, configurable for any high volume issuance requirement

The **S7000** combines all of Matica's card issuance expertise and technologies in to one fully configurable inline, high volume, high speed platform. It's robust, modular design can incorporate thermal printing, laser engraving, embossing, card encoding, mailing and even **drop-on-demand inkjet printing**. It is the ultimate central issuance system and can be configured to perfectly match any requirements, including financial and governmental (ID) card issuance. It can easily be upgraded with additional modules that enable increased speed, performance and throughput.

Standard features

Ethernet Ethernet	Print type Dye sublimation	Print type Dye sublimation	Dual-sided Print - option	Encoding Options
Capacity 600 Input/output	Visa/Mastercard Fully compliant	Maticard Pro® Production software	Embossing/indenting Standard	Laser module Flat card - option
PCI PPI Compliant	Reject bin 	Warranty 1 YEAR	Card mailing Optional inline module	

Optional features

S7000 delivers...

- ▶ Flexible platform with more than 50 different options
- ▶ Advanced personalization technologies integrated including drop-on-demand inkjet and high yield encoding
- ▶ Scalable architecture, easily upgradable to additional technologies or volume requirements
- ▶ Single control software, fully compliant with Visa/Mastercard requirements
- ▶ SDK for third party integration, including smart card encoding
- ▶ Throughputs of up to 2000 cph (dependant on personalization technology choice)

Ideal for

- ▶ Thermal color printing
- ▶ Embossing and tipping
- ▶ Advanced laser engraving
- ▶ High yield card encoding
- ▶ Mailing and fulfilment inline
- ▶ Custom designed station for third party hardware integration
- ▶ Live visual and data verification
- ▶ Laser marking

S7000

■ Modular card personalization system, configurable for any high volume issuance requirement

The S7000 is scalable from a single-function system up to a fully loaded configuration combining multiple personalization technologies. It is capable of embossing up to 1,200 cards per hour (cph) and printing up to 1,600 cards per hour. Its high yield contact/contactless chip encoder can be optimized to the appropriate production rate.

■ Meet your current needs and future-proof your production

Matica **S7000** is characterized by its modularity and flexibility to make it an affordable and scalable platform for your card issuance needs. The S7000 can be configured to perfectly match your current needs, while at the same time it supports any upgrades you may require in the future to increase performance or adding card production functionalities.

The S7000 is scalable from an entry level single-function system up to a fully loaded configuration that meets the most demanding production requirements. It is capable of embossing up to 1,200 cards per hour and printing up to 1,600 cards per hour, ensuring the same production rate with very high yield for chip card encoding, both contact and contactless.

■ Card personalization to card fulfillment applications

The **S7000** platform is a complete end-to-end solution, able to combine card personalization functions with in-line mailing equipment to prepare your cards for delivery to the end user. The MS7000 Card Mailing Systems line offers flexible solutions for direct card mailing and fulfillment applications.

Designed to work either as stand-alone unit or configured in-line with the modular S7000. In addition, the entire issuing and mailing environment is controlled by a single production software application, Matica's MaticardPro software package.



■ Applications

- Credit and debit cards
- Pre-paid cards
- National ID
- Drivers licence
- Vehicle registration
- Healthcare card

■ Protected investment

The modularity of Matica S7000 is virtually unlimited: unlimited in the number of sections, unlimited in the features that the modules provide now and can provide anytime, unlimited in the software licensing, as no additional fees are required expanding the system. Matica gives you the power to quickly adopt the performance of your investment and adjust the personalization features together with changing business and the market demands, without hassles.

- Modularity and flexibility
- Full personalization features
- Future proof
- High performance



■ Integrates into existing data streams and workflow

The clean architecture of the hardware and control software means that the S7000 can be added to virtually any existing production environment. With tools to convert data, the MaticardPro software can manage and produce jobs alongside other machines, and can be very useful when switching quickly between smaller batches.

An excellent performance cost ratio with total cost of ownership:

- Modular, and flexible to expand over time throughout the system lifecycle
- Easy reconfiguration over time according to evolving card production needs
- Network capabilities to handle multiple systems in parallel, through a job dispatcher software

Performance is the key factor of the S7000 system, as it is able to handle multiple production jobs, enabling small batches made up of different types of cards with no reduction of the machine throughput.

■ Powerful software simplifies production

The system control software, MaticardPro, is a Microsoft Windows® PC-based software platform that includes everything you need to run production jobs and batches.

A card design editor together with a card management and production solution, all in a single integrated package:

- Easy-to-use GUI reduces training costs and time
- Quick and easy switching between jobs and small batches
- Intuitive drag-and-drop layout editor makes creating and editing layouts and jobs simple
- Distributes and balances multiple jobs across multiple S7000s
- Track production with detailed log files
- Control access to data with built-in security policies
- Provides hardware status with error, audit and logging reporting
- Integrated diagnostics and troubleshooting tools help optimize system performance

The system includes all necessary features and options to deal with the most complex card personalization requirements:

■ Card production options

- Card feeder, configurable single or multiple
- ISO high speed magnetic
- High performance multichip encoders for contact and contactless
- Color and monochrome single/multi station/s printing solutions
- 1 to 4 embossing stations with front and rear indent and single or multiple tipping
- New long life, high performance LX laser in single or multiple modules
- Vision system for stock verification of incoming artwork
- Data consistency control module, to match graphics, mag and chip
- Card stackers with reject, in single, multiple, intermediate configuration, for system optimization
- Card attach, folding and insertion, off-line and in-line

■ S7000 modules

- Card feeder
- Mag encoding
- Smart card encoding
- Embossing and indenting
- Tipping, single/multiple
- Graphics printing
- Laser engraving
- Vision verification
- Final intermediate stacker
- Card attach and folding

Activation label

Embossing and color tipping

Magnetic stripe encoding

Laser engraved or printed images and barcodes

Near edge-to-edge Monochrome and color printing

Back indenting or laser engraved CVV

ABRS Advanced Barcode Reader Station

Front indenting With white infill

Laser engraved

Laser engraved

Contact chip encoding

Laser engraved or printed text

Laser engraved or printed biographical and biometrical data

Laser engraved micro text

High speed full color photo printing

Contactless smart-card encoding



Global offices

- Europe: Switzerland HQ, Italy
- Asia: Malaysia, India
- USA: South Carolina HQ, Minneapolis
- Middle East: Dubai



Authorized reseller / System integrator

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S7000 Datasheet A4 UK V5