

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 into one fully configurable inline, high-volume, high-speed platform. It's robust, modular design can incorporate thermal printing, laser engraving, embossing, card encoding, and mailing. It is the ultimate central issuance system and can be configured to perfectly match any requirement, including financial and governmental (ID) card issuance. It can easily be upgraded with additional modules that enable increased speed, performance and throughput.

KEY FEATURES

- **FLEXIBLE PLATFORM** with more than 50 different options
- **ADVANCED PERSONALIZATION TECHNOLOGIES** integrated including 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 2,000 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

STANDARD FEATURES

CENTRALIZED
Issuance

ETHERNET

PRINT TYPE
Dye sublimation

PRINT TYPE
Dye sublimation

CAPACITY
Input/output

VISA/MASTERCARD
Fully compliant

MATICARD PRO®
Production Software

PCI PPI
Compliant

REJECT BIN

WARRANTY

OPTIONAL FEATURES

DUAL-SIDED
Print - Option

ENCODING
Options

EMBOSSING /INDENTING

LASER MODULE
Flat card - Option

CARD MAILING
Optional inline module

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 FULFFILMENT

The **S7000** platform is a complete end-to-end solution, able to combine card personalization functions with inline 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 fulffilment applications. Designed to work either as a stand-alone unit or configured inline with the modular S7000. In addition, the entire issuing and mailing environment is controlled by a single production software application, Matica's Maticard Pro® software package.

APPLICATIONS

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





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 Maticard Pro® 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
- 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 inline

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



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S7000 Datasheet Identis A4 UK V2 (October 2026)
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