

INSTANT  
ISSUANCE

**MATICA**  
TECHNOLOGIES



S3500





# S3500

SETTING THE PACE FOR INSTANT ISSUANCE SOLUTIONS

The Matica S3500 is designed to produce a variety of financial cards at the branch level. The growing instant issuance market needs versatility and scalable solutions. The smart, modular concept of the S3500 allows a high level of customization that can satisfy customer demands. The combination of various in-house technologies (direct-to-card printing modules, embossing modules, and encoding modules) and Matica Technologies' experience of developing sophisticated card personalization equipment puts the S3500 in a class of its own.

There are two basic models to choose from, both with many valuable features. The first version is focused on printing and magnetic stripe encoding. The integrated direct-to-card printing modules, as well as the magnetic encoder, are both sourced from already proven Matica Technologies modules. The second version includes the embossing and tipping modules, as well as the front and rear indenting modules, as standard features.

All versions are equipped with two factory installed 100 card feeder modules on the input side and have the option to expand up to seven 100 card feeder modules at any time. For further customization, a variety of additional encoding modules, including contactless and contact chip encoding, are available on request. Both versions are also equipped with physical security features that include metal plate-supported Kensington locks, table-anchoring bolts, and key locks to secure access to the feeders, consumables and the reject hopper.

The S3500 is very user-friendly. A five inch color touch screen display together with three status LED's makes it easy to control the personalization process. The smart design allows an easy card loading process for all card feeder modules

## TECHNICAL SPECIFICATIONS

### Print method

Color Dye Sublimation and monochrome Resin Thermal Transfer

### Print mode

Single and Dual-sided edge-to-edge printing

### Print resolution

300 dpi

### Production speed

Mag. encoding, embossing, rear indenting, tipping - full cycle 60 seconds  
 • plus one-side monochrome printing - full cycle 70 seconds  
 • plus one-side color printing - full cycle 80 seconds

### Encoding

- Magnetic Stripe Encoding - Standard Feature  
 - Contactless Encoding - Optional Module  
 - Contact Chip Encoding - Optional Module

### Card compatibility

CR 80 PVC Cards - ISO 7810 / (53,98mm x 85,60mm)  
 0,5 - 1,0mm (20mils to 40mils)

### Card hoppers

Input Card Feeder: 100 cards (0,76mm)  
 Output Hopper: 30 cards  
 Reject Bin: 80 cards

### Card feeder

Automatic Feeding  
 Manual Card Feeding

### Connectivity

USB 2.0 high speed and Ethernet

### Supported operating systems

Windows 7, 32-64 bit

### Software

MaticardPro, MatiDeskDLL with interfacing SDK, Smart Card SDK

### Consumables

Matica Genuine Consumables

### Printer dimensions (L x W x H)

920 x 530 x 300 mm