

CARD LASER
ISSUANCE
SYSTEM

MATICA



S5200LX





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CARD LASER ISSUANCE SYSTEM

The S5200LX is the only industrial solution in the market for card engraving with laser technology for low volume issuance and special applications. The system offers the best mix of card production features for demanding applications such as engraving of banking and display cards, personalization of ID or driving licenses as well as metal cards. The state of the art laser source and the dual module architecture allows to fulfill the most demanding requirements in terms of flexibility, performances, quality of engraving and handling of delicate or specialty cards.

ADDED FLEXIBILITY

The S5200LX is targeted to support issuance projects for low volumes of specialty cards. Thanks to the latest laser technology employed, the engraving capabilities ensure excellent performances in quality and process speed on most materials used for standard and special applications, including PVC and PVH to polycarbonate, and ABS to coated metal. The S5200LX engraving features are made for demanding requirements in financial issuance - complying with all applicable standards - and for ID and government cards, providing excellent grey scale for photos, security features and high resolution graphics.

SPECIAL APPLICATIONS

The S5200LX is designed to meet the growing demands of emerging issuance applications in and for

- Financial card programs with display and chip cards with embossing limitations
- Metal coated and composite PVC/metal cards for prestige financial schemes
- Back office issuance or low volume ID cards
- Driving licenses or car registration documents
- Special series of SIM cards
- Decentralized issuance debit or credit cards.

LONG TERM SOLUTION

The fiber-based laser source has an incredible long lasting lifetime of 100.000 hours, a scalable investment with an affordable total cost of ownership. The compact footprint allows mobility to reallocate and fit in any bureau environment. No other solution in the market offers the same profit-ratio in terms of capital expenditure, features, performance and manageability.

MATICARDPRO SOFTWARE

MaticardPro, is Matica Windows-based card design software, providing an efficient and user-friendly interface between the operator and the system. MaticardPro offers a card layout editor with card management and production capabilities, all in a single integrated package that is at the same time very versatile in its functions and easy to use for production staff. MaticardPro is PCI/DSS V3 compliant.

TECHNICAL SPECIFICATIONS

Productivity

Up to 2.000 cph
Recommended operating time: 8 hours/day

Base Machine

600 Card feeder + 600 Card stacker with reject card tray
LX Laser station with open frame transport for dual side marking
MaticardPro production SW License

Options

Magnetic stripe encoding
Single or multi smart card encoding station
Floor standing cabinet

Fonts

Vector Laser & True Type

Laser Station

20W Fiber laser GEN2
Protected marking chamber with inspection window

Software

Laser marking software for laser layout creation
MaticardPro card production software, PCI-DSS V3 compliant
Smart card SDK
Supported OS: Win 7, Win 8 and Win 10.

Communication Interface

USB 2.0 - Ethernet

Dimensions & Weight

L x W x H: 1,050 x 550 x 700 mm (41" x 22" x 28")
Approximately 57 kg

Electrical Requirements

Auto-switching internal power supply: Input 100-240 volts AC
50-60 Hz – 600W