

S5200LX

Warranty



Industrial desktop laser card engraver



Flat card laser engraving, for bank cards and Government ID issuance programmes

The **S5200LX** laser engraver is the only industrial solution in the market for flat card engraving with laser technology for low volume issuance and specialist applications. The system is designed to laser engrave **flat debit and credit cards** (Visa quick read).

It can also engrave display cards, government ID cards such as driving licenses, as well as metal and wood cards. The state of the art laser source combined with the dual module architecture enables issuers to meet the most demanding requirements for laser engraving, including the handling of delicate specialty cards.

Fiber laser GEN 2 - 20W	Laser engraving Flat card	Laser resolution 1200dpi	Laser cph Financial: 1000 ID :300	x1 card stacker 600 card stacker
x1 card feeder 600 card feeder	Fonts Aa Vector laser / TrueType®	Encoding Options	Cabinet Floor standing (option)	PCI PPI Compliant

S5200LX delivers...

- ▶ Laser personalization of metal coated and wood cards and multiple composite plastics
- ▶ Long lasting laser element for affordability, low cost of ownership
- ▶ State of the art laser engraving technology

Ideal for

- ▶ Low to mid volume issuance schemes
- ▶ Flat debit and credit card personalization
- ▶ Flat 'Visa quick read' cards
- ▶ Government ID, such as drivers licences

Optional upgrades

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

S5200LX



Flat card laser engraving, for bank cards and Government ID issuance programmes

Its **innovative laser technology** ensures excellent quality and process speed on most materials used for standard and special applications, including PVC, PVH, Polycarbonate, ABS, coated metals and wood.

The S5200LX is designed to meet the demanding requirements of financial and governmental ID card issuance – **complying with all applicable standards** and producing high-resolution graphics along with excellent grey scale for photos, ghost images and security features.

High-grade laser engraving technology

The S5200LX's integrated laser engraving element has a fiber-based laser source with an incredible **long-lasting lifetime of 100,000 hours**. A scalable investment with an affordable total cost of ownership, the S5200LX's compact footprint fits in any bureau environment. No other industrial laser engraving solution in the market offers the same profit-ratio for capital expenditure, features, performance and manageability.

Technical specifications

Productivity

- Financial: 1000 cph
- ID: 300 cph

Resolution

1200+ dpi

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: 3-track ISO HiCo / LoCo
- Contact/contactless: single or multiple smart card encoding station (optional)
- Matica TrueVista for offset correction, OCR/OCV and QC
- Floor standing cabinet

Fonts

Vector Laser and 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 compliant
- Smart card SDK
- Supported OS: Windows 10, 11

Communication interface

- USB 2.0
- Ethernet

Dimensions and Weight

- L x W x H: 1050 x 550 x 700mm (41" x 22" x 28")
- Approximately 57 kg

Electrical requirements

Auto-switching internal power supply:
Input 100-240 volts AC 50-60 Hz – 720W

Certifications

RoHS, CE, WEEE, Proposition 65, UL Laser Chamber

Warranty

- 1 year standard
- +1 year extension available on request



Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: Minneapolis HQ, South Carolina

Middle East: Dubai



Authorized reseller / System integrator

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S5200LX Datasheet A4 UK V4