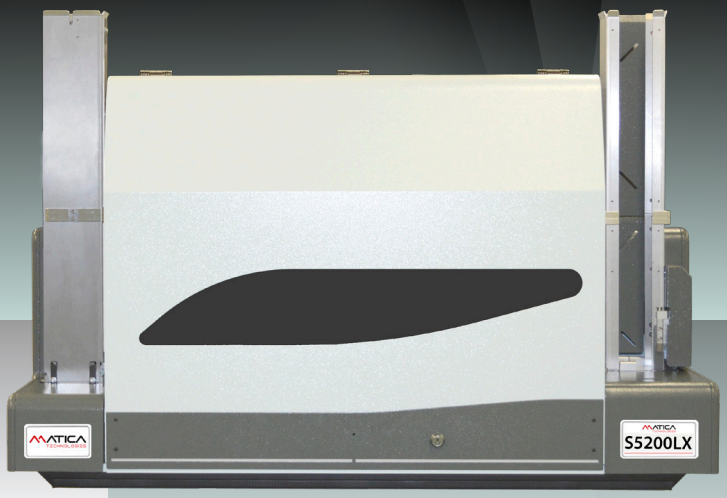
S5200LX

Laser — Personalization

Distributed — Issuance

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 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 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	Laser engraving	Laser resolution	Laser cph
GEN 2 - 20W	Flat card	1200dpi	Financial: 1000 ID :300

x1 card stacker	x1 card feeder	Fonts	Encoding
600 card stacker	600 card feeder	Aa Vector laser / TrueType®	Options

Cabinet	PCI PPI	Warranty
Floor standing (option)	PCI Compliant	1 YEAR

S5200LX delivers...

- Laser personalization of metal coated 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

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

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: Win 10 and Win 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

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