

S5200LX CO2

Contributing to a sustainable future

Industrial desktop laser card engraver

Now prints on the **world's first plastic-free wood payment cards**



Flat card laser engraving, for bank card issuance

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 on 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.

S5200LX delivers...

- ▶ Laser personalization of metal coated and wood cards
- ▶ 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

CO2 laser GEN 2 - 30W	Laser engraving Flat card	Laser resolution 1200dpi	Laser cph Financial: 300
x1 card stacker 600 card stacker	x1 card feeder 600 card feeder	Fonts Aa Vector laser / TrueType®	Encoding Options
Sustainable Consumables	PCI PPI Compliant	Warranty 1 year	



Optional upgrades

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

S5200LX CO2

High-grade laser engraving technology

The S5200LX's integrated laser engraving element has a CO2-based laser source with an incredible **long-lasting lifetime of 50,000 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: 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
- Up to 4 encoding stations

Fonts

Vector Laser and True Type

Laser station

30W CO2 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

- W x D x H: 846 x 1030 x 711mm (40.6" x 33.3" 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

Wooden card eco specifications



Card body is plasticfree and therefore fully bio-degradable (except the magnetic and electronic components).



Wood from **sustainable and FSC® certified** forestry in Switzerland and EU.



Antenna inlay made of FSC® certified paper.



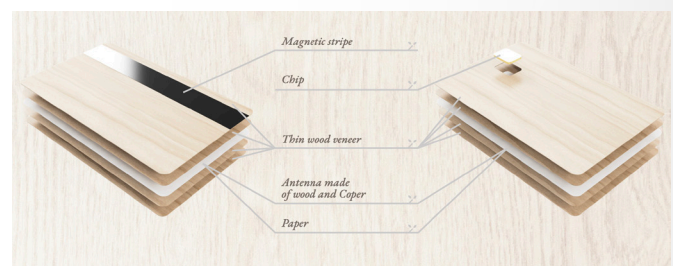
Only **bio-adhesive** is used for bonding the different layers.



Service life of the card body 4+ years under normal usage.



Certified according to the most relevant requirements of the international payment card industry.



Global offices

Europe: Switzerland HQ, Italy

Asia: Malaysia, India

USA: Minneapolis HQ, South Carolina

Middle East: Dubai

