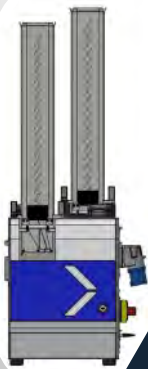


IXLA BOX



The IXLA BOX is a modular system for mid-high volume laser engraving card personalization. Latest technologies and standards for easy system integration. Modular design to simplify on site maintenance and upgrades.



Card Input feeder

The operator simply places a stack of cards into the input tray. The input tray can hold a large stack of cards. The cards are fed into the system automatically.

Vision System

A camera can be installed to identify cards with pre-printed information such as a number or barcode. XY autoposition can be easily configured with dedicated web tool.

C-CL Encoder

The system enables loading of personal data into the integrated electronic contact or contactless chip (4 heads). The unit verifies whether data is applied correctly. Rejects and cards with malfunctioning chips are sent to the reject bin.

Magnetic Stripe

In line Magnetic stripe reader can read/write 3 Track Magstripe per ISO 7810, 7811

Laser Modules

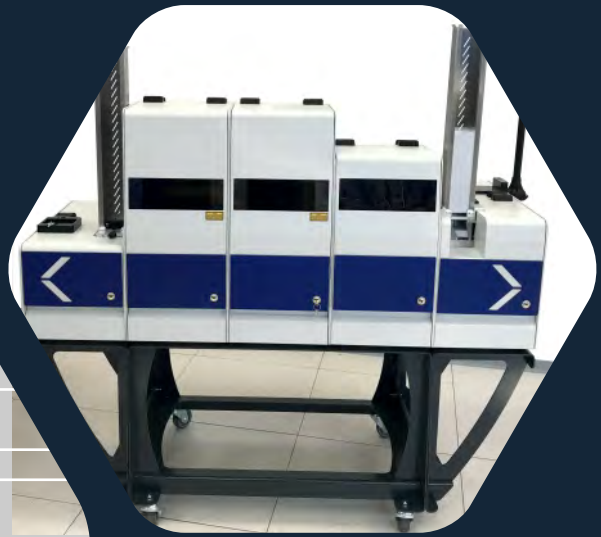
The system performs the laser engraving of the photo and personal data into the front and back side of the card. The data is aligned relative to pre-printed marks using a camera. The quality of the laser engraving is high, allowing hidden information to be incorporated in the photograph.

Vision Quality control unit

Camera cross check all applied visual data and features with OCR and OCV functions.

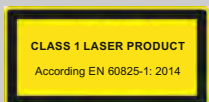
Card output stacker

Finished and approved cards are stacked in the output tray where the operator can remove them at any time, also during operation. The system will stop automatically when the last card has been processed and placed in the output tray.



Laser Type	Fiber Laser 20W /DPSS 10W
Laser modules	Configurable 1 to 4
Card input feeder	500 Cards
2nd Card Feeder	Optional
Card output stacker	500 Cards
Vision system	Yes, specialized module
Vision quality control unit	Yes
C-CL encoder	Multiple (up to 8)
Magstripe encoder track 1-2-3	Optional
Maximum throughput (gph)	Up to 1,000cph depending on laser modules installed, card material and layout
Power Absorption	Max 2000W
Cooling	Air
Provision for external air vacuum	Yes
Active Carbon Filter	Yes
Reject Bin	Yes In each module
CLI – MLI	Optional
Software	System and perso management software with SDK interface
Size cm	90-210x60xh100
Weight Kg	140 - 200

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ISO 9001

BUREAU VERITAS
Certification

