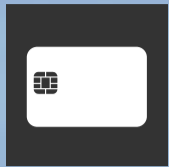




ID CARD



SMARTCARD



PASSPORT

# CARD PERSONALIZATION SYSTEMS

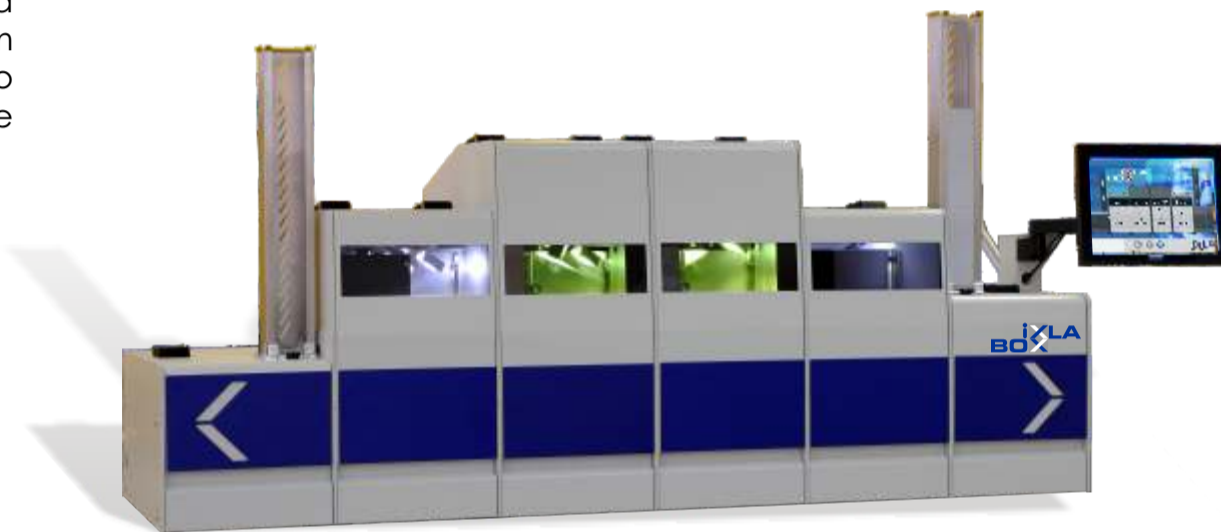
## IXLA BOX

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.



IXLA BOX Mid Range Card Printer

Mid range personalization system  
**BOX 20**  
up to 600cph



	BOX10	BOX 20
<b>Laser Type</b>	DPSS	Fiber Laser/DPSS
<b>Laser modules</b>	2	2
<b>Card input feeder</b>	500 Cards	500 Cards
<b>2<sup>nd</sup> Card Feeder</b>	No	No
<b>Card output stacker</b>	500 Cards	500 Cards
<b>Vision system</b>	Yes	Yes
<b>Vision quality control unit</b>	Yes	Yes
<b>C-CL encoder</b>	Multiple (up to 4)	Multiple (up to 8)
<b>Magstripe encoder track 1-2-3</b>	Optional	Optional
<b>Maximum throughput (cph)</b>	300	600
<b>Power Absorption</b>	Min 400W Max 1000W	Min 400W Max 2000W
<b>Cooling</b>	Air	Air
<b>Provision for external air vacuum</b>	Yes	Yes
<b>Active Carbon Filter</b>	Yes	Yes
<b>Reject Bin</b>	Yes In each module	Yes In each module
<b>CLI - MLI</b>	Optional	Optional
<b>Software</b>	SDK	SDK
<b>Size cm</b>	150x60xh100	180x60xh100
<b>Weight Kg</b>	100-170	140-200

### 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.

