

Driving Licenses



LASER and INKJET
PERSO SYSTEMS
for GOVERNMENT
and PAYMENTS

ID Cards
Volume issuance

Credit & Debit Cards

High Security
Government
Credentials

BOX is a modular laser personalization system for mid to high volume card issuance, designed to fulfill demanding productivity and business continuity requirements in Government and Financial applications.

BOX adds color printing by DOD technology to IXLA renowned laser expertise, output quality and product reliability, delivering the most effective solution in the midrange space for the issuance of ID & Driving License issuance and financial and commercial cards.

BOX can be configured with up to 4 dual side laser stations with embedded vision system registration, DOD high speed printing station, high yield multiple chip, encoding magnetic module, quality control with data integrity verification. Inline reject is available in every module.

IXLA personalization management software platform provides a comprehensive production and machine control application, easy to integrate with existing systems.

BOX
CARD
PERSONALIZATION
MODULAR SYSTEM



LASER MARKING



COLOUR PRINTING



CMY and K LASER



MAG STRIPE



DUAL SIDE



OCR, XY reg.



C/CLASS



DATA INTEGRITY

Midrange Card Personalization

BOX



DoD Printing: high flexibility, low costs. Nozzle resolution: 600npi native. Print Mode: 4 colours (Y,M,C,K). Add on demand special inks (e.g.: varnish).



Laser engraving, based on field proven transport, high performance scanning head, all integrated by the IXLA control platform: up to 4 laser modules are allowed for each system. MLI/CLI optional.



The integrated vision tools allow pre-personalization offset registration of laser engraving or inkjet printing data, OCR/OCV verification of personalized data, barcode reading.



The system enables loading of personal data into the integrated electronic contact or contactless chip (up to 4 heads per module; max 2 modules per system). The unit verifies whether data is applied correctly.



In line Magnetic stripe reader can read/write 3 Track Magstripe per ISO 7810, 7811. 3TRK, Hi-Co/Lo-Co, ISO compliant.



All IXLA systems provide dual sided printing.



Optional additional module for data integrity control, pre or post personalization, allowing product inspection, quality control (OCR/OCV verification of personalized data, barcode reading) or - with optional additional chip encoder- full data integrity verification.



Laser protected image, black and greytone are permanently laser engraved on the colour picture.

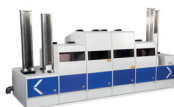


BOX MODULAR DESIGN example config



	BOX	IDX	ID5	ID5X	ID7
Laser Type	Fiber	Fiber	DPSS or Fiber	Fiber	Fiber
Card types ISO7810	PC/PVC/PET	PC/Approved PVC-L	PC/PVC/PET	PC/PVC/PET/METAL	PC/PVC/PET
Card Hoppers	500 Cards	100 Cards	300 Cards	300 Cards	2 x 300 Cards
2nd Card Hopper	Yes, 500 Cards	50 Cards	No	No	Yes
Card Output Stacker	2x500 Cards	50 Cards (opt: up to 250)	250 Cards	250 Cards	250 Cards (Opt. dual output hopper)
Print Mode	High speed DoD UV Curable Inkjet + Laser	Laser	Laser	Laser	High performance Laser
XY Offset registration	Yes	Yes	Yes	Yes	Yes
C-CL Encoder	4 heads, up to 2 modules	Single	Single	Single	Multiple up to 3
Magnetic stripe R/W	Yes	Yes	Yes	Yes	Yes
Throughput (uph)*	Up to 350 cph**	100	150 (approx. 200 EMV financial)	150 (approx 200 EMV financial)	250 (approx. 400 EMV financial)
Vacuum system	Included / External	Included	Included / External	Included/External	Included / External
OCR barcode reader	Yes	Optional	Yes	Yes	Yes
CLI-MLI	Optional	Optional	Yes	Yes	Yes
Software	AIDA Machine & Perso Controller	SDK and I3 web App	SDK+I3 web App or AIDA mach.+Perso contr.	SDK+I3 web App or AIDA mach.+Perso contr.	AIDA Machine & Perso Controller
Dimensions (D x W x H) (cm)	60x30x130 std mod. 60x60x130 inkjet mod.	30 x 39 x 54	35 x 55 x 60	35 x 55 x 60	45 x 57 x 61
Weight (Kg)	Module dependent	27	60	64	74

*Layout dependant
**Modular, configuration and application dependant



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ISO 9001
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Certification



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