The new BookMaster® Pro passport personalisation system

The introduction of a new passport can be an exciting, but stressful project. With IAI's passport personalisation systems, you have one less thing to worry about. IAI's versatile BookMaster Pro system personalises passports reliably and automatically.

Suits your project demands

The modular design allows you to choose the functionalities for your specific passport project. Future upgrades can be accommodated for easily.

High quality passports

The BookMaster Pro is an industrial solution of high quality precision engineering. The BookMaster Pro system uses a lot of the same technology as our BookMaster

One system. All functionalities are performed in one go, including an integral verification of the applied data. The finished product is a reliable, high quality passport.

Efficiency

Operating the BookMaster Pro is simple and quick. Start-up and switch-over times are short and all areas of the system are well accessible for maintenance, keeping operational costs to a minimum.

Highlights

- **Upto 200 high quality passports per hour**
- **Industrial design for sustained production**
- **Modular design, choose your functionalities**
- **Laser engraving and inkjet technology in the BookMaster family is forensically identical**
- **Low operational costs**

Tilt your expectations

iai industrial systems

What functionalities do you require?

Input stacker
The system is equipped with an automated input stacker. The operator opens the book at the correct position and placed the opened books in the stacker. The stacker can hold up to 50 booklets. The stacker can be locked.

Book identification
A book can be identified by reading a barcode with a camera from the outside cover. Alternatively, the book can also be identified by reading information from the chip.

Chip encoding
The unit can be equipped with an encoding unit for contactless chip encoding. The system uses an open platform, allowing you to use your own encoding software. Before programming, the chip can be checked to see if it works. Books with broken chips can be returned to the supplier unprocessed.

Inkjet printing
The system can be equipped with the same inkjet printing technology as our high volume passport personalisation equipment, leading to forensically identical passports. A full colour industrial inkjet engine prints the personal data on the data page and/or page 3. A camera reads the position of pre-printed headers to align the data. After printing, UV light dries the ink instantly.

Lamination
The data page is laminated with security foil. The BookMaster Pro uses the same roll specifications as our high volume passport personalisation equipment.

Laser engraving
Personal data is laser engraved into the laser sensitive data page. A camera is used to align the data to the headers. An MLI application is also possible.

Verification
Cameras check all applied visual data and features and a chip reader checks the electronic data to determine whether the information is applied correctly. Rejects are sent to the reject or rework bin.

Output stacker
The finished books are stacked into the output stacker. The stacker can be locked.

"A real professional machine designed for sustained personalisation of high secure passports"

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