

Case study

Uzbek passports



The project

In 2010, IAI delivered a BookMaster 150 numbering system to Davlat Belgisi, the National State Printer in Uzbekistan. The BookMaster 150 is used to perforate the document number through the visa pages of the blank passport booklets. The passports are issued by the State Personalization Centre under the Cabinet of Ministers of Republic of Uzbekistan. In 2011, IAI delivered three BookMaster One systems for the personalisation of the Uzbek passports to main contractor Oberthur Technologies. Our BookMaster systems are used to personalise the National passport and travel document.

Project challenges

We had to adjust the BookMaster One lamination process in order to obtain an optimized adhesion with the passport material, ink and type of foil. Furthermore, it was a logistical challenge to install the systems in Uzbekistan while infrastructure and the availability of means is scarce.

Result

The systems were installed within the agreed delivery schedule. The passport systems currently run at more than 300 passports an hour and to full customer satisfaction. First line maintenance is done by Oberthur Technologies and second line maintenance is done by a local service company.





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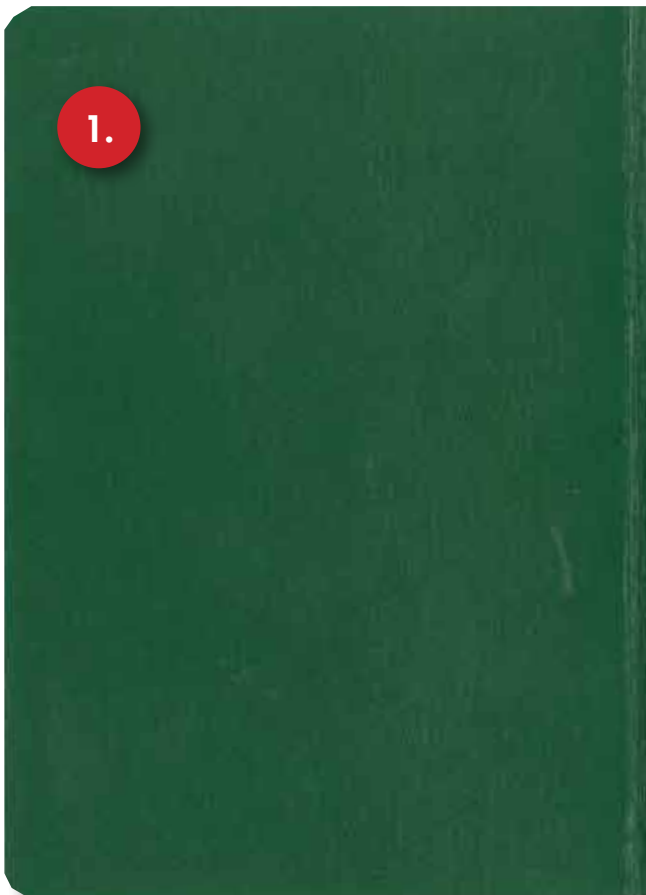
Applications in the national passport by the BookMaster 150:

1. Book identification

A number is read from the chip in order to identify the booklet.

2. Number perforating

A number is perforated through all the visa pages with laser technology.



The BookMaster 150 numbering system



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Applications in the national passport by the BookMaster One:

1. Book identification

A number is read from the chip in order to identify the booklet.

2. Chip programming

All personal data is programmed in the contactless chip which is located in the back cover.

3. Inkjet printing

The holder's photograph and personal data is printed on the data page in full colour UV cured ink. The observation page is printed as well.

4. Lamination

A security foil is applied on the data page.

5. Verification

The applied data is verified and rejects are sent to the reject bin.

6. Label

A printed label is attached to the backside cover of the booklet for easy identification.



The BookMaster One passport personalisation system

IAI industrial systems B.V.
De Run 5406, 5504 DE Veldhoven, The Netherlands
T: +31 (0)40 254 24 45, www.iai.nl, info@iai.nl