ruhlamat – the leading supplier of advanced solutions for passport personalisation

ruhlamat is a leading supplier of advanced solutions for the personalisation and quality control of passports and e-passports.

As experienced machine manufacturer, we do our very best to meet every customer requirement, no matter how unique or challenging. We develop and produce functional, affordable and scalable solutions, which ensure full compliance with the ICAO and ISO standards surrounding the issuance and security of MRTDs.

Our reliable state-of-the-art solutions, as well as our unrivalled expertise, has resulted in various successful project installations around the world.

ruhlamat – customised machine solutions for

> Chip Module Production

> RFID Inlay Production

> Card Personalisation

> Card Quality Control

> Passport Personalisation

> Passport Quality Control

> Special Machinery

ruhlamat ® | MACK GROUP

solutions for your needs.

ePassport Personalisation

Marksuhl

Frankfurt

SEIT | SINCE
1991

ruhlamat ® | MACK GROUP

solutions for your needs.

PASSPORT

PASSPORT/
PASSEPORT   REPUBLIC OF UTOPIA

Passport No: RM42345680
Surname: WINTER   Nationality: GERMAN
Name: MARC   Personal No: 21503466
Place of Birth: MARKSUHL
Date of Birth: 1979/08/16
Sex: M
Date of Issue: 2008/08/17
Date of Expiry: 2018/08/16   Signature:

P<D<<WINTER<<MARC<<<<<<<<<<<<<<<<<<<<<<<<
0423456806D<<7908161M1808166<<<<<<<<<<<<<<<7

ruhlamat ®
SPECIMEN

POWER PERSO ID3

State-of-the-art ePassport processing solutions worldwide.

e PASSPORT

LetterScreen Demo   IPI Demo

SPECIMEN Passport

ePASSPORT

LASER PROTECTED IMAGE

PERSONALISATION (LASER, HD DOD COLOUR - INKJET)

LASER ENGRAVING - MLI / CLI

RFID CHIP ENCODING

1981/01/31

Security Features PowerPerso ID3

› Clear Laser
› Foil Application incl. Holographic Features
› Tactile Laser Engraving
› Wave Text
› QR-Code
› FUSE-ID
› MRZ
› IPI
› DLI
› MLI/CLI
› UV Print
› Letterscreen
› Photo Perforation
› Perflex Perforation

PowerPerso ID3
Personalisation

POWER PERSO ID3

HD DOD
industrial colour printing
1.200 DPI

Fully automatic high-speed machine for centralised personalisation of passports and e-passports.

COLOUR

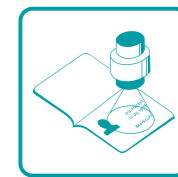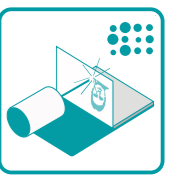HD DOD INDUSTRIAL COLOUR PRINTING

INLINE SECURITY LAMINATION
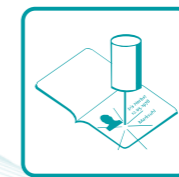
LASER ENGRAVING
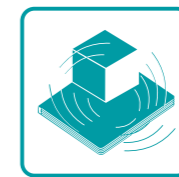
RFID CHIP ENCODING

OPTICAL INSPECTION

MICROPERFORATION – DLI

Benefits and features:

› Drop on Demand high-speed colour printing, laser engraving or a combination of both technologies

› Highly secure laser engraving of polycarbonate holder page. Scalable number of lasers for maximum speed

› High Definition Drop-on-Demand (HD DOD) colour printing on paper or PC holder page with UV curing inks

› Printing of UV reflecting elements

› Inline security lamination at high speed

› Simultaneous electronic personalisation of e-passports

› Inline quality control (optical and electronic)

› Universal personalisation software with Data Mastery as open platform

› Production Data Management System optionally available

› Customised configuration with high level of flexibility and standardisation

› **For more technical details:**