

ruhlamat PowerPerso DLE
Desktop laser engraving of high secure ID cards

All-in-One Solution

High Quality Laser Marking

Compact Size, Low Noise



MLI, CLI, Chip Encoding

Locks Ensure Security

Eco-friendly, Easy Maintenance

PowerPerso DLE – the ideal solution for decentralised issuance of high secure ID cards, driver's licences, registration cards, and smart cards. The compact design, low weight and low noise make it perfect for office environments.

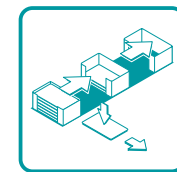
ruhlamat Pearl ID
Benchmark for smart card personalisation



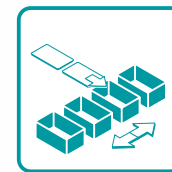
Up to 6 laser stations.

Pearl ID – the ruhlamat solution for all kind of personalisation tasks in the smart card sector combines innovative design with proven technology modules. That allows a flexible configuration whatever the detailed needs for the respective ID card are.

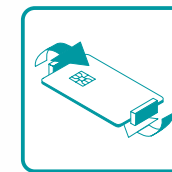
Automatic card handling



FEEDER/
STACKER



REJECT



CARD
FLIP OVER

Personalisation & inline quality control



HD DOD PRINTING -
COLOUR/
MONOCHROME



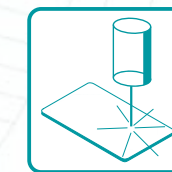
LASER
ENGRAVING -
VANADATE/FIBRE



LASER
ENGRAVING
- MLI/CLI



CLEAR LASER
ENGRAVING



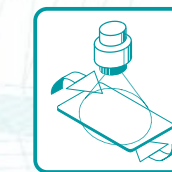
LASER
MICROPERFORATION



CARD
LAMINATION



ENCODING TOWER
UP TO
2X12 HEADS



OPTICAL
IDENTIFICATION/
MEASUREMENT/
VERIFICATION

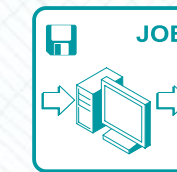
Benefits and features:

- > Contact, contactless or combined dual interface chip loading in one encoding tower
- > Drop on Demand high-speed colour printing, laser engraving or a combination of both technologies
- > MLI, CLI and a variety of inline optical inspection systems are the major building blocks for a customised and efficient configuration of your Pearl ID

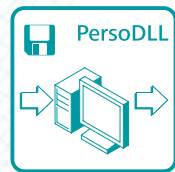
Software packages



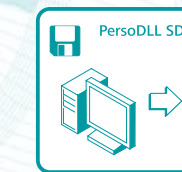
DMS
DATA MASTERY



JOB
JOB CREATOR



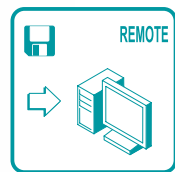
PersoDLL
PRODUCTION DATA
MANAGEMENT
SYSTEM



PersoDLL SDK
SOFTWARE
DEVELOPMENT
KIT



AaBb
SOFTWARE FOR
OPTICAL
VERIFICATION/
RECOGNITION



REMOTE
REMOTE
MAINTENANCE
SERVICE

ruhlatmat -
Personalisation in perfection

ruhlatmat MACK GROUP
solutions for your needs.



LASER ENGRAVING -
GREY SCALE (BOTH SIDES)



LASER ENGRAVING - MLI/CLI



CHIP ENCODING - CONTACT/
CONTACTLESS/DUAL INTERFACE



HD DOD INDUSTRIAL
COLOUR PRINTING



CLEAR LASER ENGRAVING



CARD LAMINATION



ruhlatmat – the leading supplier of advanced solutions for smart card personalisation

ruhlatmat is a leading supplier of advanced solutions for the personalisation and quality control of ID cards, bank cards, driver's licences, health cards, transit passes, and commercial cards.

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 ISO standards.

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

ruhlatmat – customised machine solutions for

- > Chip Module Production
- > RFID Inlay Production
- > Card Production
- > Card Personalisation
- > Card Quality Control
- > Passport Personalisation
- > Passport Quality Control
- > Special Machinery

ruhlatmat MACK GROUP
solutions for your needs.

Smart Card Personalisation



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