

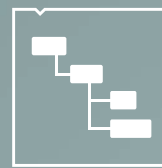
Complete solutions from one source.
ruhlamat – your reliable machine supplier.

Consulting & Project Management

For a successful completion of machine projects.



Consulting



Project Management

Equipment & Software

Customised solutions for all requirements.



Start-Up



Capacity Expansion



Replacement



Software

Service & Support

Individual expertise and experience.



Service



Maintenance



Production Support



Training



AMERICA · EUROPE · ASIA
www.ruhlamat.com

ruhlamat MACK GROUP
solutions for your needs.

GERMANY
ruhlamat GmbH
Headquarter
Sonnenacker 2
99819 Marksuhl

+49 36925 929-0
+49 36925 929-111
@ info@ruhlamat.de
www.ruhlamat.com

P.R. CHINA
ruhlamat Automation Technologies (Suzhou) Co., Ltd.
Suzhou Industrial Park (Hua Yi Square, 2# Block)
306 Su Hong Zhong Road
Jiangsu 215021

+86 512 6767-1108
+86 512 6767-1109
@ info@ruhlamatcom.cn
www.ruhlamat.com.cn

CANADA
ruhlamat North America Ltd.
3535 Laird Road, Unit 6
Mississauga, Ontario
L5L5Y7
Canada

+1 905 828-6222
+1 905 828-1848
@ info@ruhlamatcom.ca
www.ruhlamat.com.ca

ruhlamat MACK GROUP
solutions for your needs.

BANK CARD SOLUTIONS



ruhlamat Pearl BANK personalisation machine



ruhlamat – your solid partner for high professional bank card processing solutions.

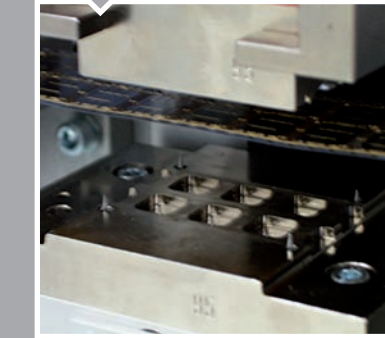
Pearl BANK – our pathbreaking answer to new challenges. Whether classical bank cards with embossing or fully printed bank cards, the new Pearl BANK is as flexible as the demands of the market you work in.

The innovative and modular design allows an easy configuration whatever the detailed needs for the respective bank cards are. Proven technology modules like contact and contactless chip loading, magnetic stripe encoding, laser engraving, embossing, optical inspection are the core upon which the machine is built. Using UV-drying colour drop-on-demand (DOD) printing allows production of completely printed cards at extremely low consumable costs.

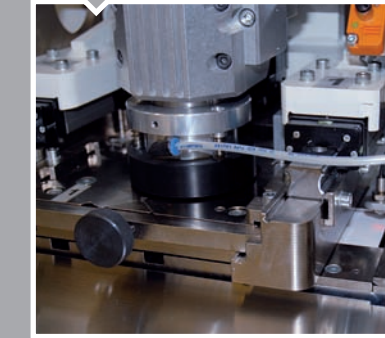
The field-proven software packages Job creator, Data Management System (DMS), Software Development Kit (SDK) and Hardware Security Module (HSM) integration with open interfaces to customer's application complement the Pearl BANK to the perfect, flexible solution for high quality and secure bank card personalisation.

Complete bank card solution

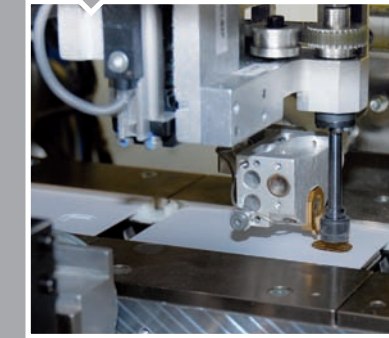
Machines
for card manufacturing.



Glue tape lamination



Milling



Implanting

Equipment
for card testing.



Torsion Tester TT 100-3

Torsion stress tests according to ISO 10373



Bending Tester BT 110-3

Bending stress tests according to ISO 10373

PDMS – Production Data Management System to organise data communication and machine handling.

The ruhlamat PDMS is the high end software solution to manage the production of all bank cards. Administration of personalisation data, machine configurations, user access, layouts, chip personalisation software, reports and job handling can easily be realised under one umbrella. The PDMS software package allows archiving of all process protocols and handles the communication to a various number of connected machines. The integration of HSM, Key management and high level user access control support the realisation of strict security requirements.

Our Windows based software solution works with a Microsoft SQL data base. The modular structure guarantees an easy customisation and allows a flexible later extension.