

Drop on Demand colour printing with Pearls?

ruhlamat presents new smart card personalisation machine: Pearl ID

*Marksuhl, Paris, November 2009 – on the occasion of this year's CARTES in Paris ruhlamat launches the new **pearl ID**, the state-of-the-art concept for all kind of personalisation tasks in the ID sector. Another innovative highlight is **PERFLEX**, the new security feature in passport perforation, available on ruhlamat's proven passport processing machines.*

ruhlamat – solutions for your needs proves once more its innovative power and ability to realize pathbreaking solutions based on customer requirements and wishes.

The new smart card personalisation machine **pearl ID** combines innovative design with proven technology modules and allows a flexible configuration whatever the detailed needs for the respective ID cards are. Features like high speed laser engraving, extremely fast single-pass HD DOD Industrial colour printing and the flexible multiple chip personalisation unit (contact and contactless) together with minimized material handling and user friendly operating interfaces allow high throughputs at extremely low consumable costs in connection with easy machine handling. The field-proven software packages with open interfaces to the customer's application complement the **pearl ID** to the perfect, flexible solution for high quality and secure ID card personalization.

Concerning passport processing solutions, ruhlamat offers the complete range of equipment, starting with machines for booklet manufacturing over pre-personalisation to personalisation of the passport. One special feature here is **PERFLEX**, ruhlamat's laser perforation method which allows passport perforation with different character sizes and using holes in different geometric shapes like squares and triangles. This new security feature in passport perforation is based on a sophisticated laser software, a ruhlamat inhouse development reflecting many years of experience in that field.

Whether smart card personalization or passport processing – **ruhlamat** as reliable machine supplier provides complete solutions from one source. Consulting & project management, equipment & software as well as support & service are building blocks to satisfy customer needs.

Our ultimate ambition is the success of our customers. We want to contribute innovative and efficient solutions to this success – creating value for our customer and us.

ruhlamat is a German machine manufacturer with long tradition and based in Thuringia.

ruhlamat is specialized in the development of customized machinery in the areas of smart card and passport technology as well as assembly process technology. With a workforce of over 350 people in North America, Asia, and Europe, the company has grown steadily over the past few years and is today the core of the **MACK Group** with over 500 employees worldwide.

For the production of chip modules, smart cards and passports **ruhlamat** has developed state-of-the-art modular systems for the industry, pathbreaking solutions that have a major impact on the market and that combine the highest level of standard solutions with individualized machinery configurations.

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