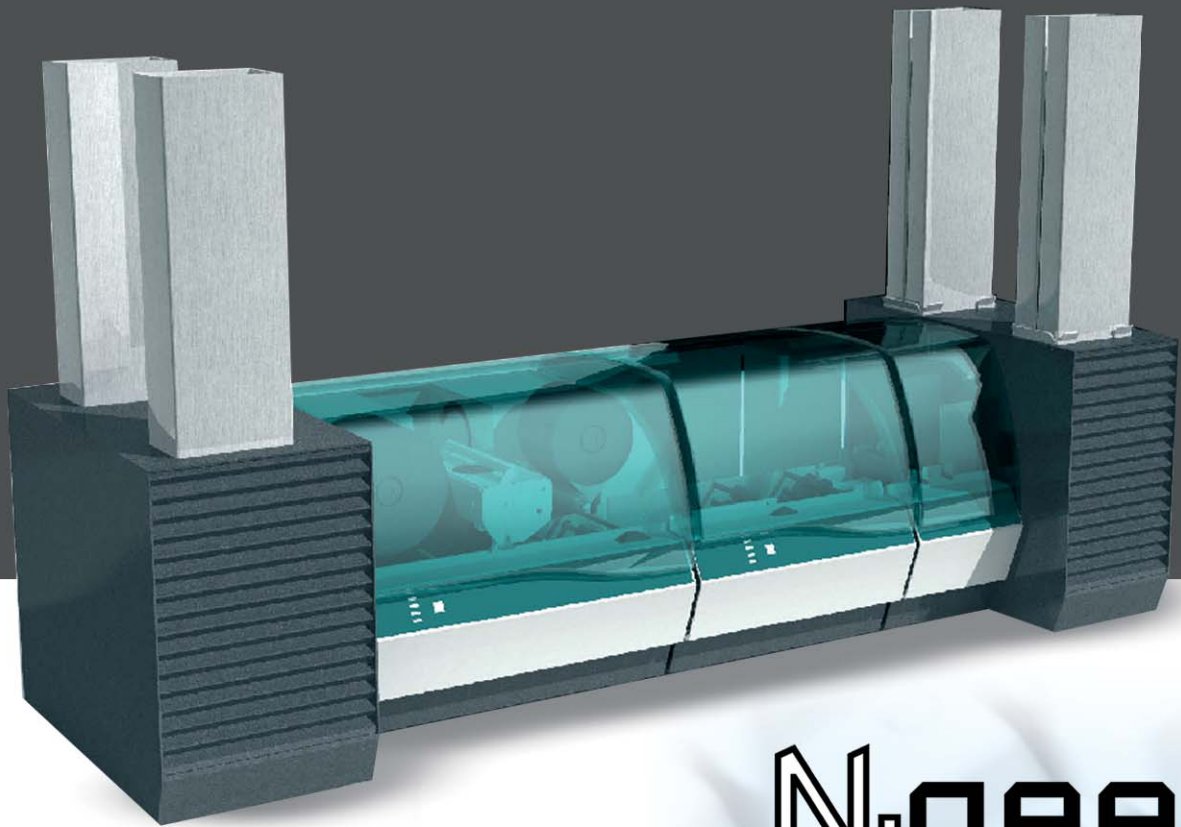


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N-geenN

Modular Card Personalization Systems

Professional devices for medium and high volume requirements to personalize cards, smart cards, contactless cards and magnetic cards

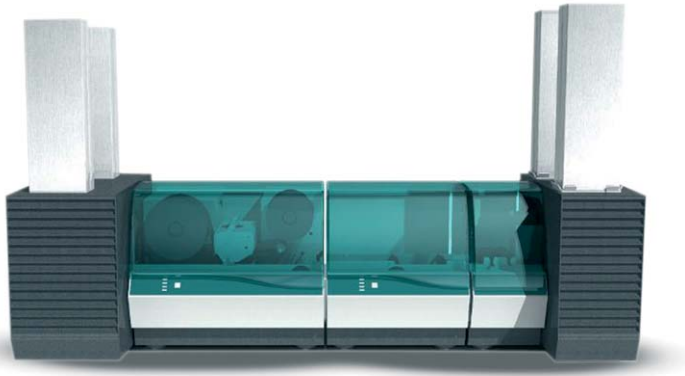
Modular and flexible

Large autonomy

Robust and reliable

éolane[®]
GLOBAL ELECTRONIC SOLUTIONS
naturellement énérgique





N-geeN

Modular industrial colour and monochrome ISO card personalization systems for medium and high volume production requirements.

A UNIQUE MODULAR CONCEPT

1- Competitive :

- Maximum throughput with **N-geeN** multcard process,
- Reduced production cost,
- Optimised operational time : large capacity removable card hoppers and ribbons.

2- Flexible :

- Easy adaptation of the system configuration to the tasks to be performed, on customer site,
- Modules can be used independantly.

3 - Robust for professionals :

- Industrial device robustness for maximum reliability,
- Large autonomy : 1000 cards feeder, output hopper, long length ribbons.

4 - Evolutive :

- High evolution potential to match market futur requirements because of its total modularity.

*The **N-geeN** has been developed for professionals, whose job is to personalize high volume of cards annually : plastic cards, smart cards, proximity cards and magnetic cards. Designed around a modular architecture, the **N-geeN** use Dye Sublimation and Thermal Transfert print technologies and can integrate most of smart and contactless card readers/encoders. Unique on the market, each module can be used separately, with a card feeder and the output hopper.*

*The **N-geeN** is tailored to meet the requirements of the following main applications : **Service Bureau, Banking, Security / Access Control, Indentification, Health, Loyalty, Telecommunication (SIM cards).***

SPECIFICATIONS :

Print module :

- Colour dye diffusion and monochrome thermal transfer
- Edge to edge printing

Print characteristics :

- Ribbon saving for monochrome ribbons

Print speed :

- 140 cards/hour full colour (YCMKO)
- Up to 1200 cards/hour monochrome

Resolution : 300 dpi (11,8 dots/mm)

Flip Over Module : Dual side printing

Smart Card Module :

- Smart card contact station - ISO 7816-2
- Internal/External reader
- Bad cards reject hopper

Contactless Card Module :

- MIFARE contactless station - ISO14443 & 15693
- Other RFID reader upon request
- Bad cards reject hopper

Magnetic card module :

- Low & high coercivity
- 3 tracks ISO 7810 - 7813

Card Feeder Module : 2x500 cards (0,76mm)

Card Output hopper Module : 2x500 cards (0,76mm)

Ribbons :

- Monochrome black ribbon : 5000 cards / roll
- Other monochrome ribbons : 1000 cards / roll
White, Blue, Red, Green, Gold and Silver
- Colour ribbon 5 panels (YMCKO) : 1000 cards/roll
- Colour ribbon 6 panels (YMCKOK) : 800 cards/roll

Card types : PVC, composite PVC, PET, ABS

Card format : ISO CR-80 (53,98mmx85,60mm
3,375' x 2,125')

Card thickness : 0,30 to 0,76mm - 10 to 30 mil

Connections : USB

Power supply : 110 - 230 volts, 60-50 htz