

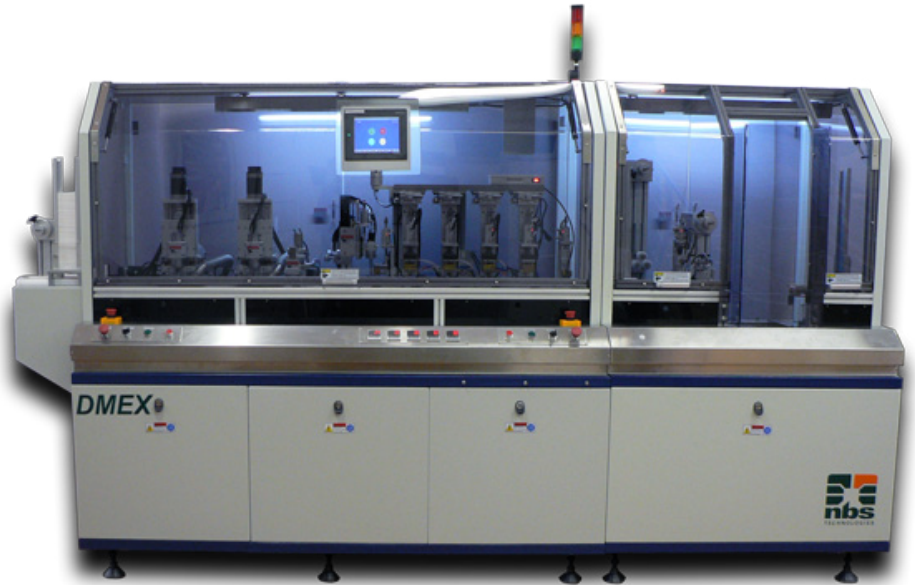
Milling & Embedding Machine with Pre-Personalization

By NBS Technologies

DMEX

The DMEX low cost milling and embedding solution sets the standard for value, speed and reliability in a turnkey smart card solution.

The DMEX is a perfect solution for companies who are looking to enter the smart card market or for those who currently have a wide variety of projects from one day to another and require enhanced flexibility and capacity.



LOW-COST CHIP CARD MANUFACTURING WITH PRE-PERSONALIZATION

THE DMEX™ OFFERS THESE KEY FEATURES AND BENEFITS:



CARD TYPES

- Contact EMV Chip
- Dual interface card



PROFITABLE SOLUTION

- Cost of ownership is low compared to main competition
- Surprisingly small foot print



EASY-TO-USE

- All-in-one solution for milling and device personalization
- Multiple configurations to meet your needs

CONSULTING

SOFTWARE

HARDWARE

SMART CARD MANUFACTURING



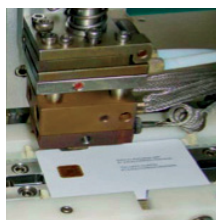
Total
Card Solutions

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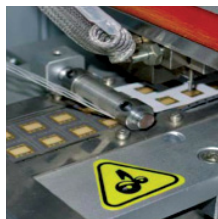
HOW IT WORKS?



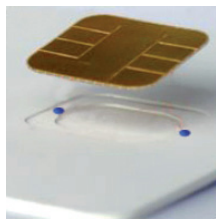
1. Cavity Milling



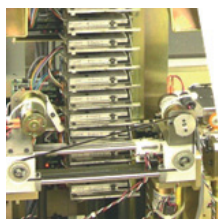
2. Module Embedding



3. Glue Tape



4. Conductive Glue dispenser (optional)



5. Pre-personalization elevator (From Horizon Evolution HD™) (optional)

1. Cavity Milling (2 stations)

High speed milling motors in the DMEX provide for long, maintenance-free performance.

2. Module Embedding

The DMEX is having a hot pressing station that ensure a durable, high quality bond between card and module and is combined with a high performance cooling station.

3. Glue Tape

When scheduling machine time to accommodate many different projects, being able to apply glue tape in-line gives production lines the flexibility they need.

4. Conductive Glue Dispenser

The off the shelf Glue Dispenser is providing leading edge Conductive Glue dispensing access for dual interface smart card manufacturing

5. Pre-personalization Elevator

Horizon HD™ Elevator is available on the DMEX machine. This option gives access to NBS software capabilities such as Perso Master and Card Issue.

Many additional options are available like vision inspection

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