

# Z10

## CARD ISSUANCE SYSTEM



### TARGET MARKETS

- Financial Institutions
- Card Manufacturers
- Service Bureaux
- Retailers
- Governments
- Insurance Companies

The Z10 is part of a totally new generation of card issuance systems from Matica, specifically designed for cost-conscious service bureaus, card manufacturers and financial institutions for mid and high-volume centralized card issuance programs.

This highly productive system features the reliability, flexibility, simplicity and rugged construction that have made Matica a highly qualified supplier to some of the largest card issuers world-wide.

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### EMBOSSING AND FRONT & REAR INDENTING IN ONE SINGLE STEP

Making it one of the most versatile card issuance systems available, model Z10 can perform embossing, front indent and rear indent, all in one single step.

### MAGNETIC STRIPE ENCODING

The Z10 integrates an ISO 7811 magnetic stripe encoder (HiCo/LoCo – 3 tracks).

MiniCard® / MiniVisa® compress encoding is also available.

### SINGLE OR MULTI-CHIP SMART CARD

The Z10 can incorporate a single smart card contact or Matica's new revolutionary Smart Card Personalization module which can simultaneously personalize up to 5 smart cards.

### EMV SMART CARD PERSONALIZATION

Matica cooperates with some of the largest smart card industry solution providers to offer complete EMV card personalization solutions.

### RFID CARD

The Z10 can incorporate an RFID Mifare reader to read or personalize contact-less type of cards.

### TIPPER

The Z10 integrates the card tipper module for which a wide range of colours (black, gold, silver, blue, etc.) is available.

### MATICARD PRODUCTION SOFTWARE

The Maticard® Windows-based Card Design software provides user-friendly interface between the operator and the unit.

### MAILER IN-LINE

The Z10 can be linked to the MS10 or MS20 mailing systems to provide a complete and secure full personalization process.

## Technical Features

### Productivity (42 ch/card):

- up to 600 cph

### Card handling:

- Input hopper capacity: 250 cards
- Output hopper capacity: 250 cards (approx. 200 embossed)
- Reject cards hopper
- Cards format: ISO Std. CR80 - 0.76 mm

### Card Personalization:

- Magnetic stripe encoding
- Transport module for in-field Multi-Chip module upgrade
- Embossing drum: 100 characters  
or 114 characters (53 emboss + 61 indent)
- Tipper module with ribbon saving feature (122 mt)

### Options :

- Front infiller device
- Rear infiller device
- Single Smart Card Station
- RFID Mifare Station
- Multi-Chip smart card module:
  - 5 contact stations with USB Smart Card Reader (PCSC Driver)
  - USB HUB

### Available Fonts:

- Std. Gothic and OCR7B emboss
- OCRB1 and OCRB4 front indent
- OCRA1 and CVV2 rear indent

### Communication Interface:

- 1 RS232 serial port
- 1 extra USB port for Multi-Chip module

### Software:

- Maticard Design® Software for Windows® 2K/XP
- Diagnostics and set-up software included

### Other Features:

- Key-lock security feature
- LCD display (40x2) + 3 function keys
- Upgradeable Firmware via PC on Flash EPROM
- Floor support cabinet
- Monitor and keyboard support

### Dimensions (incl. floor support):

Height: 1181 mm

Width: 1171 mm

Depth: 551 mm

**Weight (incl floor support):** 155 Kg

### Power Requirements:

- Electrical requirements: 100V~240V 50/60Hz