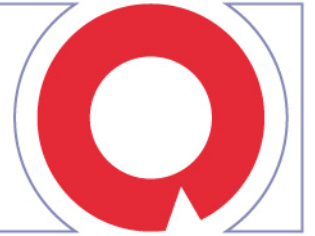


CARD ISSUANCE SYSTEM



Z20



CENTRALIZED CARD ISSUANCE SYSTEM

The Z20 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 centralised card issuance programs. The Z20, with two embossing drums, speeds up the personalization of cards from data encoding through the tipping process.

Target Markets

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



UP TO 900 CARDS PER HOUR

Through a highly effective card transportation and embossing mechanism composed of **2 embossing modules**, productivity levels reach up to 900 cards/hour.

The systems have been designed to maximise operator efficiency and reduce issuance costs.

MAGNETIC STRIPE ENCODING

The Z20 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 Z20 can incorporate a single smart card contact or Matica's new revolutionary Smart Card Personalization module which can simultaneously personalize up to 10 smart cards.

EMV SMART CARD PERSONALISATION

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

RFID CARD

The Z20 can incorporate an RFID Mifare reader to read or personalize contact-less type of cards.

TIPPER

The Z20 integrates the card tipper module for which a wide range of colours (black, gold, silver, blue, etc.) are available.

MATICARD PRODUCTION SOFTWARE

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

FLOOR CABINET

Model Z20 is supplied as a freestanding floor unit incorporating a cabinet with storage capacity for cards and consumables as well as a support for an external monitor and keyboard.

MAILER IN-LINE

The Z20 can be linked to the MS10 or MS20 mailing systems to provide a complete and secure full personalization process.

Technical Features

Productivity (45 ch/card):

- up to 900 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 HiCo/LoCo: Standard tracks 1, 2 & 3, ISO 7811
- Two transport modules for in-field Multi-Chip module upgrade
- Two embossing drums: 80, 100 characters or 114 characters (53 emboss + 61 indent)
- Tipper module with ribbon saving feature (122 mt)

Options:

- Front infillers device
- Rear infillers device
- Single Smart Card Station
- RFID Mifare Station
- One (or two) Multi-Chip smart card module:
 - 5 contact stations
 - 5 smart card readers (serial interface)
 - USB-to-8COM ports converter

Available Fonts:

- Std. Gothic and OCR7B emboss
- OCRB1 and OCRB4 front indent
- OCRA1 and CVV2 rear indent
- Visa Flying "V", country specific and other embossing/indent types

Communication Interface:

- 1 RS232 serial port
- 1 or 2 extra USB ports for Multi-Chip modules

Software:

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

Other Features:

- Key-lock security feature
- 2 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: 1727 mm

Depth: 551 mm

Weight (Incl floor support): 205 Kg

Power Requirements:

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

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