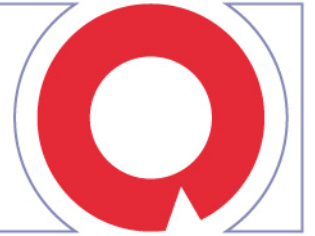


CARD ISSUANCE SYSTEM



ZT20



THE EVEN FATSER "ALL-IN-ONE" SOLUTION

The ZT20 has everything our ZT10 does, but with even more printing flexibility. With two professional printing stations, one designed for colour and the other for monochrome, printing no longer is a gating factor for speed.

With smart card encoding, magnetic stripe encoding, embossing and indenting as well, the ZT20 is designed to meet your needs.

Target Markets

*Financial Institutions, Card Manufacturers, Service Bureaus,
Retailers, Insurance Companies*



EMBOSSING AND FRONT & REAR INDENTING IN ONE SINGLE PASS

Making it one of the most versatile card issuance systems available, model ZT20 can perform embossing, front indent and rear indent, all in one single pass.

DUAL-SIDED MONOCHROME OR 300cph PHOTO PRINTING

The ZT20 integrates two professional card printers particularly designed for monochrome and full-colour printing capability. Thanks to the two flip-over printing front or reverse will not affect the production speed and photo printing reaches up to 300 cph.

The AdvanceClean® Card Cleaning System ensures that cards are free from dust and debris thus maximising the lifetime of the print head as well as print quality.

MAGNETIC STRIPE ENCODING

The ZT20 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 ZT20 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 ZT20 can incorporate an RFID Mifare reader to read or personalize contact-less type of cards.

TIPPER

The ZT20 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 ZT20 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 ZT20 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 700 cph
- Colour "edge-to-edge": up to 120 cph
- Colour photo: up to 300 cph (with half panel ribbon)

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 Flip-Over for front, reverse and dual/sided printing
- Two Graphic thermal printing modules:
 - Full colour/monochrome
 - 300 dpi print resolution
 - Edge-to-edge print area
 - AdvanceClean® cleaning tape and roller system
- Embossing drum: 80, 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
- MiniVisa® compress encoding
- 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

Ribbon Types:

- Black monochrome ribbon: 1000 or 5000 prints/roll
- Other monochrome ribbons (red, blue, green, white, gold and silver): 1000 prints/roll
- Scratch-off ribbon: 1000 cards/roll
- 5-panel YMCKO ribbon: 200 or 1000 images/roll
- Half-panel YMCKO ribbon (specially for photo): 400 images/roll
- 6-panel YMCKOK ribbon: 200 images/roll
- 2-panel KO (black varnish overlay) ribbon: 500 images/roll

Communication Interface:

- 1 RS232 serial port and 2 USB ports
- 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 and monitor and keyboard support

Dimensions (incl. floor support): W2098 x D551 x H1181 mm

Weight (Included floor support): 305 Kg

Power Requirements:

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

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