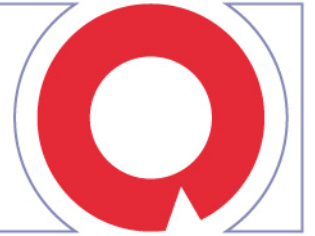


CARD MAILING SYSTEMS



MS10 - MS20



INTELLIGENT & SECURE CARD MAILING

The MS10 & MS20 Card Mailing Systems offer affordable solutions for direct card mailing and fulfilment applications.

Target Markets

*Financial Institutions, Card Manufacturers, Service Bureaus,
Telecommunications, Governments, Retailers, Insurance Companies,
Direct Mailing, Fulfillment, Service Providers*



PC-controlled data matching: ensures 100% correct matching of card(s) and carrier even when cards are placed in the feeder in a non-sequential order.

Stand alone or in-line: MS10 and MS20 can be linked to all Matica Mid-volume card personalization systems providing a complete and secure service.

Carrier-barcode verification module: ensures that cards and carriers match before combining and these to the folding and insertion module.

Magnetic stripe, smart card and front or rear barcode and OCR data capture.

Affix label sensor: ensures better control of rear affix label attachment on cards.

Buffering system: creates a linear flow of both cards and carriers at high speeds and productivity without any "parking areas" that can cause carriers to become out of sequence.

Card-carrier transport control: transportation is performed through multiple rollers and sensors which at any moment control the exact position of each card and carrier at all times.

Carrier cooling system Management of "numerous families": both models give the possibility to attach up to 6 cards per carrier (up to 4 if the carrier needs to be folded). The position of each individual card on the carrier can be controlled.

Card reject tray: non-readable cards are placed in a reject tray without interrupting the production process.

Carrier reject box: in case of barcode mismatch, the carrier does not need to be removed by the operator, but is automatically placed in the reject box, and normal production is continued.

Management of laser printer through direct commands or Windows driver: practically any laser printer can be used.

Folders:

Maximailer: connected directly to MS10-MS20, it folds and inserts the carrier (Z, C or V shaped) into the envelope with the card(s) affixed including various sized attachments when required.

The Maximailer can also be configured with other feeder modules to insert attachments (from a single A4 sheet to 4 mm thick booklets).



MS20 in line with ZT20

Technical Features

Productivity:

MS10: up to 1100 cph

MS20: up to 2000 cph

Card Handling:

- Input hopper capacity (0.76mm cards): 250 cards
- Card formats: ISO Std. CR80 – 0.50-0.76 mm
- Reject hopper for non readable cards
- Rear label affix module
- Number of cards per carrier: 6(4 if to be folded)

Carrier Paper Handling:

- Carrier formats: A4 or US letter size (upon order)
- Recommended paper thickness: 80-120 grams
- Reject carrier box
- Carrier cooling system
- Carrier buffering system:

MS10: 2 carriers

MS20: 4 carriers

- Optional HP laser printer (44 pages/minute)
- Carrier- Barcode verification module (card/carrier matching)

Card Data Capture & Matching:

- Magnetic stripe decoding reading station
- Optional Smart card reading station
- Optional barcode reader (can be used front or rear)
- Optional 2D barcode reader (PDF)
- Optional OCR reader

Other Features:

- Key-lock security feature
- Optional support for printer
- Monitor and keyboard support
- In-line configuration

Communication:

- communication interface: RS232 Serial Port; Parallel for printer; or Network.

Software:

- MatiCard® Card design software for Windows® 2K/XP
- Upgradeable firmware: Via PC on Flash EPROM
- Diagnostics and set-up software

Dimensions & Weight (with folder support units):

- Height: 1181 mm
- Width: 1207 mm
- Depth: MS10 1550 mm
MS20 2010 mm
- Weight: MS10 281 Kg
MS20 310 Kg

Power Supply: 110~240 Volts AC, 50~60 Hertz

Folder & Inserter Technical Features

Maximailer:

- Envelope format: DL or C5
- Carrier folding: Z, C or V
- Options: - up to 6 insert feeders or A4 sheet folders
- envelop conveyor
- Total pack thickness up to 6 mm