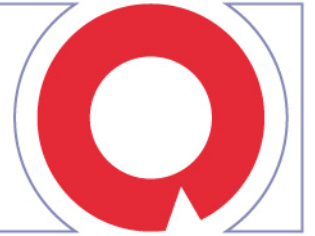


# CARD MAILING SYSTEMS



## MS10 - MS20



### INTELLIGENT & SECURE CARD MAILING

The MS10 & MS20 Card Mailing Systems offer affordable solutions for direct card mailing and fulfilment applications. They can be used either as a stand alone unit or integrated into the Matica card personalization line.

#### *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 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



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