



World Leaders

IN CARD ISSUANCE



The *NEW*
Cardmailer

*Card
Inserting
Systems*



Cardmailer

By combining the proven reliability of the Maximailer range with a robust, secure card affixing system, PFE have created the Cardmailer. With an ability to read all types of finished cards at input, the system generates a carrier document before securely matching the two together, folding and inserting them into an envelope, along with up to 6 other relevant documents or leaflets.



Available as a stand-alone system capable of handling cards produced on a wide range of systems, or as a full-production unit linked to a PFE Autocard system, the Cardmailer offers a flexible reactive solution to your card-inserting requirements.

maximailer

Once the high-capacity vertical input hopper has been loaded, the Cardmailer reads each card in turn via Magnetic stripe, Chip, Barcode, RFID or OCR. PFE *Insertacard* software then consults a database enabling it to dynamically generate the appropriate carrier. This means that the cards do not need to be in any specific order and the carriers need not be pre-printed. It is even possible to run mixed jobs enabling efficient processing of small batches. A self-adhesive label is then applied to the rear of the card. Due



to the secure, continuous transport system, at no time can the cards be lost or become out of sequence before affixing to the carrier.

Carrier documents are generated on a standard laser printer, cooled by fans, and then sequentially queued along a closed track system to ensure optimum performance from the printer.

Whilst generating the carrier document, a barcode is added in the area where the card will be applied. This is verified before applying the card to ensure that no mismatches can occur.



After affixing, the adhesion of the card is tested and a thickness detector is used to ensure it has not been moved or lost.



If, at any of these stages, an error is detected, divert bins are used to remove the card and/or carrier from the process.

Once the cards and carriers have been securely matched, they are passed to the Maximailer to be folded and inserted. The unique folding system allows the carrier to be folded in Z, C, or V formats depending on the type of envelope to be used. This means that up to four cards may be attached to each carrier.



Utilising other folders and feeders from the Maximailer range, up to 6 further inserts may be added to the carrier before insertion. By using PFE *Insertacard* software to generate an additional barcode on the carrier it is possible to selectively feed the appropriate inserts for each recipient, further enhancing the flexibility and efficiency of operation. The thickness of the complete pack to be inserted may be up to 6mm, including the card carrier and additional documents, leaflets etc.

All of the functions of the Maximailer are programmable, with no manual adjustment necessary for change of envelope size or fold settings. Up to 20 jobs can be saved and recalled using the simple but powerful graphical display.

When not inserting card carriers, the versatile Maximailer may also be used for other mailing applications using the appropriate additional folder/feeder modules.

For high security applications, OCR camera-based integrity checking systems are also available.



Control Panel

The Maximailer has a large, simple to use graphical display and control panel, which guide you through every step of operation. Up to 20 applications can be saved and recalled by name.



Envelope Feeder

With a hopper holding up to 400 envelopes, which can be reloaded without stopping the system, the Maximailer handles sizes such as DL and C5 with ease. All internal guides and controls are adjusted automatically each time an application is selected.



Feeders

Insert Feeders are available in either single or twin configurations as required, able to feed reply envelopes, leaflets or booklets up to 4mm thick.



Folders

Folders are also available to insert additional A4 documents in Z, C, or V-fold formats, along with the carrier.

inserta CARD



The powerful windows-based *Insertacard* software is a standard feature of the Cardmailer and controls all the functions of the system prior to insertion.

Having read the card at input, *Insertacard* provides links to all major database types to look up the relevant details for each recipient. This may include simply an address, or more sophisticated information such as the number of cards for the carrier, through to variable information for the content of the letter or additional documents to be inserted.

Once the appropriate information is captured, the document is generated either by using the internal word-processor or by linking to Microsoft Word© and using its wide range of functions.

At this stage the barcode is automatically generated which will be verified to ensure that the correct card is affixed, together with any additional barcode required for selective feeding of inserts.

Insertacard will then report and resolve any processing issues as they occur.

When connecting a Cardmailer on-line with a PFE Autocard Issuance system, *Insertacard* includes all of the functionality for creating cards including encoding, printing and embossing.

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Technical Specifications

CARDMAILER

Speed	Up to 1,600 filled envelopes/hour
Card Formats	ISO CR80 (0.50-0.76mm)
Card Reading	Standard: Magnetic Stripe Optional: Smart Card (Chip) Barcode (Front or Rear) Contactless (RFID) OCR
Carrier Formats	A4 (80-120gsm)
Carrier Folding	Z,C or V
Cards per Carrier	Up to 4
Card/Carrier Security	Barcode on Carrier verification Adhesion & thickness verification
PC Interface	RS232
Software control	Insertacard (Windows)

MAXMAILER

Envelopes	DL(+) or C5(+)
Pack Thickness	Up to 6mm
Insertion Job programs	Up to 20
Selective feeding	Barcode control option
Additional insert modules	Up to 3 modules comprising: A4 Folders Insert Feeders Twin Insert Feeders

All specifications may be subject to limitations due to machine configuration and document combinations.

PFE PRODUCT RANGE

Mailing Machines

Desktop Mailing Systems
Office Mailing Systems
Production Mailing Systems
Mail Printing Systems

Pressure Sealers

Forms Handling Machines

Office Products



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PFE's policy is one of continuous improvement, and the right is reserved to modify or alter equipment specifications, without prior notice.



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