

DI 4000/DI 4500

The answer to your entry level
production mail requirements



DI 4000

Redefining standards for entry level production inserters

The DI 4000 from Pitney Bowes has been developed to meet the stringent demands of today's production mail. Equally suited to providing the essential mailing operation in a commercial mail room or complementing high volume transactional inserters in a bureau environment, the DI 4000 offers a processing speed of 10,000 envelopes per hour and multiple configurations with up to 7 feeders.

Integrity and Control

- Every feeder may be equipped with a reader to allow precise control of the inserter with optional matching between feeders available
- A network of optic fibre sensors allows mailpiece tracking and output verification
- Completed, diverted or incomplete mailpieces are identified and reported to provide full integrity

Integrated Franking Capability

- The latest generation of Pitney Bowes franking meters may be added to the DI 4000 and controlled directly through the inserter's on board computer
- Mailpiece weight is determined by the inserter and the appropriate postage charges are automatically added
- Automated envelope ink marking may be used to highlight mail sort breaks

Operation with the greatest of ease

- The major strength of the DI 4000 is its simplicity. The operator uses a touch screen with Windows style menus to control the inserter in 'real time'
- Important adjustments such as 'double detect' and fold style are automated and settings may be memorised
- To run an application the operator simply follows the instructions on the inserter screen
- Easy programming makes the DI 4000 quick to set up
- A detailed report is automatically generated allowing production to be analysed after each job

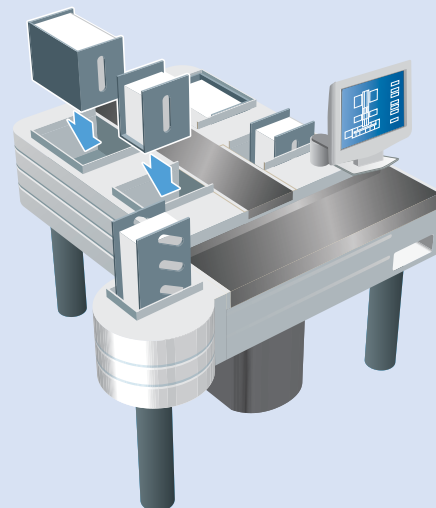
Modular Design Permits Evolution

- The DI 4000 has a modular design which allows the number and style of insert feeders to be changed at any time - without modifying the chassis
- The DI 4000 can evolve to reflect the changing needs of the organisation - at minimal cost

PRINCIPAL ADVANTAGES

DI 4000

- > **Speed** 10,000 envelopes per hour
- > **Volume** 600,000 envelopes per month
- > **Insert stations** 1 to 7
- > **Formats** C6/5 to C5
- > **Reading** All types - OMR, BCR, OCR, Data Matrix
- > **Computer** Touch Screen 17"
- > **Control** Latest generation electronics
- > **Job memory** Unlimited
- > **Franking** Integrated control
- > **Output** Conveyor or stacker options



Unique Multi-Format Inserting Platform

Easy to use touch screen control maintains a real-time view on the inserter performance

Insert feeders - pre-folded documents, marketing material, reply cards, return envelopes etc

Optional Tower with up to 4 A4 document feeders

Envelope feeder - Letter format envelopes (C6/5 & C5)

Touch screen

C4 envelope feeder

Letter format envelope exit (C6/5 & C5)

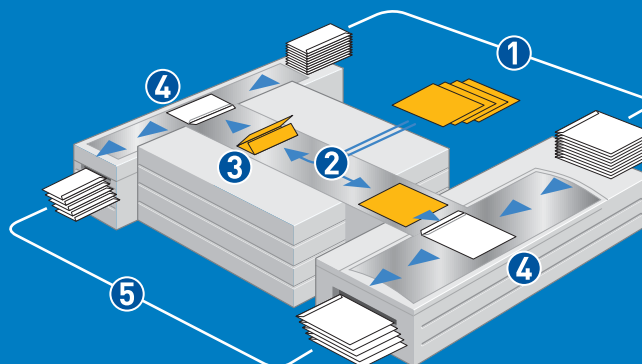
A4 Document feeder

C4 Envelope exit



Versatile Reading Capability

The ability to read all current symbologies including BCR, OMR, OCR and data matrix makes the DI 4000 and DI 4500 the most versatile inserter of its kind.



- 1 Envelope feeders for C4 pocket envelopes and C5/6 & C6 envelopes
- 2 Automatic selection of the appropriate envelope format
- 3 Folder
- 4 Insertion of folded or flat documents as appropriate
- 5 Envelope exits for C4 pocket envelopes and C5/6 & C6 envelopes

DI 4500

The premier multi-format inserter

The DI 4500 has the unique ability to process letter format and C4 pocket envelopes simultaneously. Automatic selection of the most appropriate envelope format ensures the highest levels of production. The modular design can accommodate up to seven feeders, all supporting scanning, to process even the most complex application.

The DI 4500 simplifies the most demanding job

- The DI 4500 is the first multi format production inserter in the world. Two insert tables allow letter format envelopes and C4 pocket envelopes to be processed at the same time with the documents being directed to the most appropriate envelope automatically
- The truly versatile DI 4500 has three insertion modes: Letter format, C4 pocket format or mixed. The mixed format mode avoids the need to manually pre-sort documents or manipulate the print run to reflect the envelope size. The DI 4500 simply directs the accumulated set to the appropriate inserting area. Only one print run is required with considerable benefits in productivity
- In markets where postage charges are size based, the DI 4500 ensures the smallest format envelope is used, minimising the cost

Class Leading Flexibility

- The flexibility and unique nature of the DI 4500 allows an unparalleled number of applications to be processed: multi page transactional documents such as invoices and statements, documents with significant page count variation, brochures and catalogues, selective inserts.... mailings of all types

Ease of Control

- The DI 4500 is controlled by a central computer which ensures the correct operation of the feeders and directs the document set to the appropriate insert table. To programme the DI 4500 simply turn it on and follow the clear Windows style instructions on one of the two 17" flat touch screens. The operating system can memorise and recall job details instantly and the DI 4500 automatically sets many of the adjustments which require manual intervention on competitive inserters

- Document, insert and envelope feeders can be reloaded whilst the inserter is in use eliminating the need to interrupt the run

High Production

- Up to 10,000 envelopes per hour - The DI 4500 is designed to meet the demands of the production mail environment
- Compact - The DI 4500 offers so many features yet occupies a small footprint making it the ideal choice for busy post rooms where space is at a premium

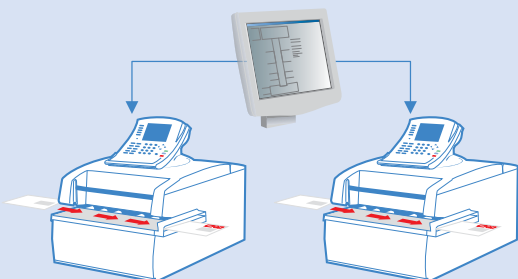
Versatile Scanning Ability

- The DI 4500 can read all common symbologies including OMR, BCR, OCR and Data Matrix allowing it to produce some of the most secure documents available. All types of document from Insurance Policies to Invoices and from Statements to Personalised Mailings
- Because the DI 4500 can insert document sets with significant page counts into a C4 pocket envelope postage costs can be reduced by grouping documents for one customer together, reducing the number of envelopes used

PRINCIPAL ADVANTAGES

DI 4500

- | | |
|-------------------|---|
| > Format | Choice of formats from Letter to C4 pocket envelope |
| > Speed | Up to 10,000 envelopes per hour |
| > Max thickness | Up to 8mm pack thickness (C4) |
| > Insert stations | 1 to 7 |
| > Reading | All types - OMR, BCR, OCR, Data Matrix |
| > Computer | 2 17" Touch Screens |
| > Control | Latest generation electronics |
| > Job memory | Unlimited |
| > Franking | Integrated control of two franking machines - one for each insert table |
| > Output | Conveyor or stacker options |



Specifications

DI 4000

Documents:

Format Up to A3
Paper weight 80 - 110 gsm on feeder folder
Feeder capacity 500 sheets @ 80 gsm

Envelopes:

Format Letter (From C6/5 to C5)
Paper weight 80 - 100 gsm
Feeder capacity 700 envelopes @ 80 gsm

Folder:

Automatic adjustment with memory function
Half fold, double fold, roll fold, Z fold
Folder capacity - up to 6 sheets @ 80 gsm half folded
Subset capability

Maximum Accumulated Thickness:

Up to 3.5 mm into a C5 envelope (Four Feeder Chassis)
Up to 4.0 mm into a C5 envelope (Six Feeder Chassis)

Speed:

Up to 10,000 envelopes per hour

Reading Options:

Available in all feeders - Document and Insert
Feeder to feeder matching
OCR, BCR, OMR, Data Matrix

Optional Equipment:

Feeders:

Continuous input
A3 cross folder
High capacity feeder - 4,000 sheets @ 80 gsm
Divert before fold
Booklet feeder

Output:

Connection to franking machine/mail meter
Envelope marking
Divert bin

Dimensions:

1.85 m x 1.80 m (Four Feeder Chassis)
1.85 m x 2.10 m (Six Feeder Chassis)

Weight: From 450 to 620 Kg

Power Supply: 230 Volts, 14 Amps, single phase

DI 4500

Documents:

Format Up to A3
Paper weight 80 - 110 gsm on feeder folder
Feeder capacity 500 sheets @ 80 gsm

Envelopes:

Format From letter (From C6/5 to C5) to C4 pocket
Paper weight 80 - 100 gsm
Feeder capacity C5/6 & C5 - 700 envelopes @ 80 gsm
C4 Pocket - 300 envelopes @ 80 gsm

Folder:

Automatic adjustment with memory function
Half fold, double fold, roll fold, Z fold
Folder capacity - up to 6 sheets @ 80 gsm half folded
Subset capability

Maximum Accumulated Thickness:

Up to 3.5 mm into a C5 envelope (Four Feeder Chassis)
Up to 4.0 mm into a C5 envelope (Six Feeder Chassis)
Up to 60 sheets of 80 gsm paper / 8 mm into C4 pocket envelope (Four and Six Feeder Chassis)
Mixed mode facility

Speed:

Up to 10,000 envelopes per hour - C5/6 & C5
Up to 2,500 envelopes per hour - C4 pocket envelopes

Reading Options:

Available in all feeders - Document and Insert
Feeder to feeder matching
OCR, BCR, OMR, Data Matrix

Optional Equipment:

Feeders:

Continuous input
A3 cross folder
High capacity feeder - 4,000 sheets @ 80 gsm
Divert before fold
Booklet feeder

Output:

Connection to franking machine/mail meter (one per output)
Envelope marking
Divert bin

Dimensions:

1.85 m x 2.70 m (Four Feeder Chassis)
1.85 m x 3.05 m (Six Feeder Chassis)

Weight: From 480 to 900 Kg

Power Supply: 230 Volts, 14 Amps, single phase

The DI 4000 Six Feeder

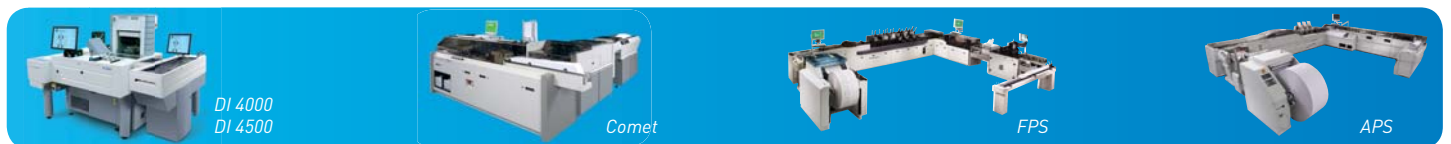
Even Greater Flexibility and Capacity




DI 4000 Six Feeder Chassis with optional DI Infinity postage meter.

The DI 4000 six feeder chassis has been developed to meet the expanding needs of the production mail environment and allows the processing of up to four inserts in addition to two prime document channels. All of the benefits of the four feeder chassis with greater flexibility and capacity. The DI 4000 six feeder chassis is compatible with all input and output options with the exception of the Watkiss Tower feeder.

The DI 4000 six feeder chassis benefits from an increased inserting capacity with a Maximum Accumulated Thickness of 4 mm on the C5 table.



 **Pitney Bowes**
Engineering the flow of communication™

ROBINCO Slovakia s.r.o.

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