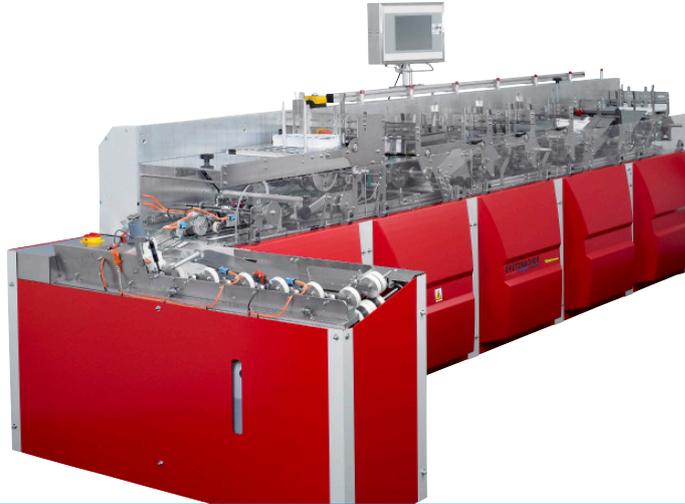


## CHALLENGER ECONOMY MAIL INSERTER



### Improves the efficiency, security and presentation of your mailing process

#### What Does It Do?

The AMS Challenger Economy envelope inserter machine is essential for high volume mailings as it can collate, fold, insert and seal mail in one single process. It can fulfil up to 6,000 envelopes per hour.

To securely process personalised mail runs or if you have a varying amount of documents per set, several automatic features can be included to ensure that every recipient receives the correct and perfect mail piece. The camera or scanner options ensure that recipients only receive their mail pieces, and document coding such as Barcode, or Optical Mark Recognition (OMR), guarantees that each envelope is filled with the correct amount of contents.

With a choice of between 3 to 13 insert feeders including a vacuum rotary folder, vacuum rotary feeder, rotary vacuum suction, friction or shuttle feeders- all available within one machine makes the Challenger Economy Envelope Inserter a truly flexible system that can be modified to your exact requirements.

#### Easy To Use

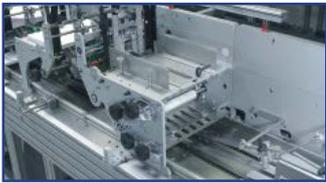
The Challenger is so easy to use that even inexperienced operators, with minimal training can complete mailing runs. The Challenger even includes a colour touch screen which contains the operator manual and spare parts lists.

#### Why Do I Need It?

Whether you have a need to mail invoices, statements, letters, brochures or other documents, the Challenger handles them with ease. It is second to none in terms of flexibility and performance. You can be confident that the performance of the system will prove a wise investment for many years to come.

#### Key Features:

- Output speeds up to 6,000 envelopes per hour
- From 3 to 13 feeder stations
- Colour touch screen that includes the operator and spare parts manual on-line
- Double document, missing sheet, paper jam and missing envelope detection all electronically managed
- A choice of feeders, vacuum rotary, top feed friction feeders, bottom feed friction feeders with shuttle
- Camera options available for matching, selecting or accumulating from reading simple barcodes to OCR & datamatrix barcodes
- Ultrasonic double document detectors for extra security
- High-speed collator option for billing work in DL, C5 or C4 formats
- Face up inserting - great for on-line ink-jet addressing



#### The Vacuum Rotary Folder

This is designed to fold an A4 prime document to A5 or DL on-line. It is fitted with an ultra-sonic double detector as standard to ensure that the prime document is 100% protected.



#### The Shuttle Feeder

Feeds perfect bound magazines, DVD and CD wallets or cases, booklets, card and paper. This feeder also has pushers to assist heavy stocks and rigid mail pieces.



#### The Top Fed Friction Feeder

This is ideal for Z folds, small card, business reply envelopes and paper sheets.



#### The Vacuum Rotary Feeder

This uses vacuum suction for separation. Great for feeding glossy magazines and stocks that friction feeders find hard to cope with.



#### Vacuum Suction Rotary Envelope Station



#### Reading, Feeding, Collating & Folding



#### In-Line Group Folder



#### 4000 Cut Sheet Auto-Loader

### STANDARD EQUIPMENT

Colour Touch Screen	Included
Flighted Transport Chains	2 Chains - 110mm apart
Insert Feeder Double Detection	Electro/Mechanical
Miss Detection	Electronic
Start/Stop/Forward Controls	On Screen + 1 Remote
Output Device	2 Metre Conveyor
Soft-start	Included

### OPTIONAL EQUIPMENT

Large Sliding Colour Screen
Transactional Billing Module
Rotary Folder or In Line Folder
Reading Systems OMR/BCR/2D/OCR
Cable or Wireless Remote Control
Integrity Control
Envelope Auto-loader
Mailsort Batch Kicker
Product Tracking
Divert Bins
Multiple Feeding (Using Servo)
Selective Feeding (Using Servo & Reading)
Ultrasonic Double Detection
Metre Output Conveyor
Expansion Break

### CONFIGURATION POSSIBILITIES

#### Different Types of Feeders

Friction Feeder (Top Fed), Rotary Vacuum Feeder, Rotary Vacuum Folder, Shuttle/Lug Feeder (Bottom Fed), Rotary Feeder for Thick Products, In-Line Folder, Transactional Folder, Hand Drop Station.

#### Transactional Billing

DL C5 or C4 Billing work with overflow bins, divert bins, selective feeders, cut sheet auto-loaders and/or cutters and perforators to insert straight from the printed reel. Hi speed sheet feeder, accumulators and folders.

#### Various Output Solutions

2 Metre Conveyor, 3 Metre Conveyor, Stackers, Traying Systems.



### SPECIFICATIONS

Speed	Up to 6000 per hour	
Number of Insert Stations	1 to 13	
Envelope Sizes	Challenger C5 - DIN C6-C5	Challenger C4 - DIN DL-C4 (B4 on request)
Insert Sizes	Challenger C5 (99x148) to (148x210)	Challenger C4 - (99x148) to (210x297)
Maximum Thickness	Challenger C5 - up to 5mm	Challenger C4- up to 6mm (16mm optional)
Types of In-Feed	Cut Sheet / Endless	
Power Supply	3 Phase 400v 50hz 16A	
Heat Development	225 watt/h	

### Why Choose An AMS Mail Inserter?

AMS is one of the UK's leading suppliers of mailroom equipment. As well as having a dedicated team of knowledgeable experts to offer advice and bespoke solutions to suit your mailing needs. we have a well-trained customer support team and highly skilled team of field engineers to support you after your purchase.