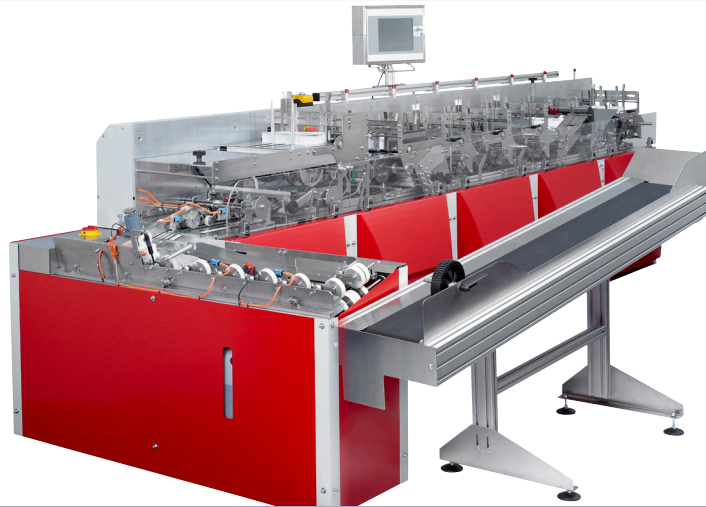


## CHALLENGER CLASSIC MAIL INSERTER



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

#### What Does It Do?

The AMS Challenger Classic Envelope Inserting 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 1 million items per month and can process up to 15,000 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.

The flexible systems can be modified to your exact requirements and up to 13 insert feeder stations can be integrated. New options for the system continue to be developed to help make your mailing processes as simple as possible.

#### Easy To Use

The Challenger is so easy to use that even inexperienced operators, with minimal training can complete mailing runs. The Challenger even include 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 our systems will prove a wise investment for many years to come.

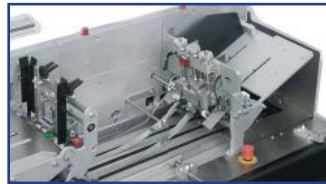
#### Key Features:

- Able to fulfil up to 1,000,000 envelopes per month
- Output speeds up to 15,000 envelopes per hour
- From 3 to 13 feeder stations
- Sliding 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 detector
- High-speed collator option for billing work in DL, C5 or C4 formats
- Face up inserting - great for on-line ink-jet addressing
- Read & Print Matching



#### The Vacuum Rotary Folder

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

Large Sliding Colour Touch Screen	Included
Flighted Transport Chains	3 Chains - 55mm apart
Insert Feeder Double Detection	Electro/Mechanical
Insert Feeder Miss Detection	Electronic
Start/Stop/Forward Controls	On Screen + 2 Optional Sets of Buttons
Output Device	2 Metre Conveyor
Soft-start	Included

### OPTIONAL EQUIPMENT

Transactional Billing Module
Rotary Folder or In Line Folder
Reading Systems OMR/BCR/2D/OCR
Cable Remote Control
Integrity Control
Envelope Auto-loader
Mailsort Batch Kicker
Product Tracking
Divert Bins
Multiple Feeding (Using Servo)
Selective Feeding (Using Servo & Reading)
Flip/Flop Feeding

### 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. 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.

#### 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.



### SPECIFICATIONS

Speed	Challenger C5 - up to 15,000	Challenger C4 - up to 10,000
Number of Insert Stations	1 to 13	
Envelope Sizes	Challenger C5 - DIN C6 to C5	Challenger C4 - DIN DL to C4 (B4 on request)
Insert Sizes	(99 x 148) to (148 x 210)	
Maximum Thickness	Challenger C5 - up to 8mm	Challenger C4 - up to 12mm (16mm optional)
Types of In-Feed	Cut Sheet / Endless	
Power Supply	3 Phase 400v 50hz 16A	
Heat Development	225 watt/h	