

FPI | 5500

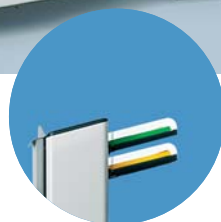
Inserting System



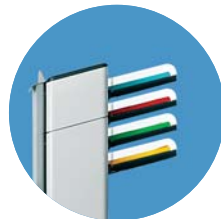
The new FPI 5500:
New, intelligent features for
handling your mail.

With **fill & start** comfort function

FPI 5520



FPI 5540



FPI 5560



FPI 5500:

Goes straight to the point of automated folding and inserting.

You want your outgoing mail to get where it's going fast. The growing variety of mailings, tight schedules, and the need for efficiency in the mail room demand ever more performance from folding and inserting solutions.

The **FPI 5500** inserting system comes straight to the point of automated letter inserting: simplest operation, reliable letter handling and a high degree of flexibility. The **FPI 5500** can handle up to 4,000 letters per hour in C6, DIN long, and C5 formats – and up to 60,000 letters per month. Security and monitoring functions assure that every envelope is correctly and completely filled. Process everything your mail room can generate – up to 10 pages per envelope, mailings with or without supplements, invoices, personalized mail. The **FPI 5500** can handle it all, in a snap. The intelligent modular construction allows the system to be configured with 2 to 6 stations as well as customer-specific solutions. Compact design and quiet operation (< 66 dB) make the **FPI 5500** at home in every office environment.



FPI | **5500**
Inserting System

The flexible modular system

Multi-functional feeder stations

The FPi 5500 can be configured with two, four or six automatic feeder stations, or additional stations can be added, in pairs, for up to six stations total. Each of the (up to six) stations can feed documents or supplements (flyers, postcards, return envelopes, brochures) for insertion.

- >>> **Variofeed stations** for processing varied kinds of documents or envelope-sized inserts.
- >>> **Special stations** feature a manual material separation setting for handling heavier or treated kinds of paper or brochures (DIN A6 or larger).
- >>> **Maxifeeder** (optional) offers maximum capacity for up to 1,200 sheets of DIN A4 (80 g/qm) or 325 return envelopes or brochures.
- >>> **Flex version (Flex)** is a customized solution in which the quantity and types of stations can be configured according to the customer's specific needs.



Model	Total stations	Station types		OMR	Bottom Address
		Variofeed stations	Special stations		
FPi					
5520	2	2	-	-	- ¹⁾
5520 S	2	1	1	-	- ¹⁾
5520 Flex	2	0-2*	0-2*	-	- ¹⁾
5520 Flex BA	2	0-2*	0-2*	-	yes
5520 OMR	2	2	-	yes	- ¹⁾
5520 S OMR	2	1	1	yes	- ¹⁾
5520 Flex OMR	2	0-2*	0-2*	yes	- ¹⁾
5520 Flex OMR BA	2	0-2*	0-2*	yes	yes
5540	4	4	-	-	- ¹⁾
5540 S	4	2	2	-	- ¹⁾
5540 Flex	4	0-4*	0-4*	-	- ¹⁾
5540 Flex BA	4	0-4*	0-4*	-	yes
5540 OMR	4	4	-	yes	- ¹⁾
5540 S OMR	4	2	2	yes	- ¹⁾
5540 Flex OMR	4	0-4*	0-4*	yes	- ¹⁾
5540 Flex OMR BA	4	0-4*	0-4*	yes	yes
5560	6	6	-	-	- ¹⁾
5560 S	6	4	2	-	- ¹⁾
5560 Flex	6	0-6*	0-6*	-	- ¹⁾
5560 Flex BA	6	0-6*	0-6*	-	yes
5560 OMR	6	6	-	yes	- ¹⁾
5560 S OMR	6	4	2	yes	- ¹⁾
5560 Flex OMR	6	0-6*	0-6*	yes	- ¹⁾
5560 Flex OMR BA	6	0-6*	0-6*	yes	yes

* as needed up to
¹⁾ Top address

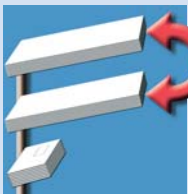


Daily mail function

Ideal for mixed mail: Varied document sets of up to 10 pages can be fed manually in the top station.

Multi-sheet function

Feed, collect, fold and insert up to 10 pages from any single station. Up to 25 sheets of 80 g/qm paper (envelope-sized, i.e. DIN A5) can be handled without folding.



Feeder-swap

For uninterrupted operation, switch feeders (including Maxifeeder) to work together. When one feeder is empty, the machine automatically switches to the second while you reload the first with more material.



Folding styles

Standard folding styles: Single fold, letter fold, z-fold and double-parallel fold.

Plus: Short fold with Bottom Address (BA) – minimum folding length of 25 mm for processing documents with recipient's address at the bottom.



OMR (optional)

Optical Mark Reading (OMR) system uses printed marks to automatically identify document sequence and size. This enables, for example, the processing of personalized mailings, flexible control of various supplements or exclusion of duplicate copies. Reverse OMR handling is also possible.

Clamshell construction

The clamshell design allows the machine to be easily opened for complete access to material handling components. Remove paper jams quickly and without damaging documents.



Envelope delivery and stacking

The **FPI 5500** comes with a conveyor envelope stacker as standard equipment. Available options include side exit and two alternative stackers for large-volume envelope collection or connection to a franking machine.

Semi-automatic envelope adjustment facilitates allow a reliable processing of various envelope types.



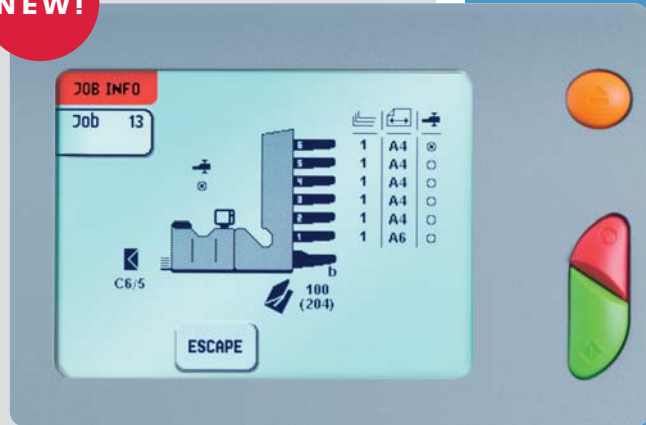
Innovative features for more **comfort, flexibility and security**

>>>

Fold-down display with touchscreen for convenient operation

A real highlight – the fold-down display with full-color touchscreen. Manually adjust the touchscreen according to how you wish to organise your work flow. Just turn the display to where you need it. The intuitive operating instructions use pictograms and clear text directions for easy programming. Up to 25 frequently used job settings can be saved for instant retrieval.

NEW!



fill & start

fill & start

Fill and start. That's it. When the fill & start function is selected, the machine automatically measures envelopes and loads documents, makes the correct fold settings and starts the job. Perfect for quickly and easily handling of standard letters.



real sheet control insert control

Double-feed monitors, for maximum security: real sheet control + insert control

Two features that constantly monitor the content of every letter:

Double-feed monitor uses electro-mechanical sensors to measure paper thickness and **envelope contents**. The automatic double-feed monitors at each feeder station can be individually turned on or off.



10 in one 8 in one

ten in one

The **FPI 5500** is equipped with a patented power-fold component that can fold **up to 10 sheets** of paper (single fold) or **8 sheets** in z-fold or letter fold styles.



divert & go

divert & go

This function automatically diverts incorrect document sets out of the processing stream without stopping the machine. If used with OMR, this feature diverts specified documents to an integrated collecting station. Helps to assure uncompromised productivity.

TECHNICAL DATA

FPi 5500

Inserting System



Documents

Width 130 to 230 mm

Height 90 to 356 mm

Weight 60 g/qm to 250 g/qm
(coated/uncoated)

Pre-folded supplements envelope-sized
up to approx. 2 mm thickness

Feeder capacity

Variofeed stations 325 sheets per station (80 g/qm)

Folding capacity

With or without supplement up to 10 sheets (80 g/qm)

Inserting capacity without folding (envelope-sized material, i.e. DIN A5)

up to 25 sheets (80 g/qm)

Inserting speed

up to 4,000 letters/hour

Programmable memory

25 jobs plus fill & start

Envelopes

with or without window
C6, DIN Long, C5, C6/5

Dimensions

(FPi 5560 with conveyor stacker) 1,895 x 420 x 925 mm (l/w/h)

Max. weight (FPi 5060) 110 kg

Power supply

220/240 V, 50 Hz, 115 V, 60 Hz

Noise emission

< 66 dB (A) according to ISO 11202

Product certification CE

Specifications may change without notice.

FPi 5500 ADVANTAGES:

- > Simplest operation with fill&start
- > 10 sheet single fold ¹⁾
- > 8 sheet z- or letter fold ¹⁾
- > quiet operation
- > add stations as needed
- > insert most common document formats, including postcards, special types of paper and stapled document sets in a single operation
- > continuous automatic operation using swap mode between stations (to avoid time lost for reloading paper)
- > efficient multi-sheet feed from every station
- > memory for up to 25 jobs
- > resettable piece counter per job plus machine total piece counter
- > maximum security to prevent double-feeds, failed feeds and incorrect document sets
- > OMR from every station
- > selective document feed from up to five stations

¹⁾ when folding 80 g/qm paper.

Solutions for your mail.

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