

# FORMAX<sup>®</sup>

## 6900 Series

FOR FOLDING & INSERTING

### Standard Features

- Modular design with up to 6 fully-automatic stations
- Ability to process various envelope sizes, including flats
- AutoMix™ - Processes different envelope sizes on-the-fly in FD 6900-AutoMix™ models
- Dual-track OMR system for FD 6900-OMR & FD 6900-AutoMix™ models
- Two Double-Document Detection systems, utilizing thickness detection technology at the feeder and point of insertion
- Diverter - Sensors redirect double documents and incomplete sets to one of its two side divert bins without interruption in FD 6900-OMR and FD 6900-AutoMix™ models
- Fully automatic adjustments for up to nine programmed jobs
- Five adjustable insert fingers are utilized for envelope versatility
- Capable of folding up to 8 sheets
- Conveyor - Neatly stacks inserted documents
- Seal and non-seal capabilities
- Counters - One resettable for addition and batch counting, and one non-resettable
- Fold types - C, V, Z and Double Parallel
- Inserts up to 50 sheets (no fold) of 20# paper or 1/5" thickness into a flat envelope

### Abilities:

- Able to insert rigid non-foldable material, such as catalogues, CDs and DVDs
- Inserts into flat envelopes up to 10" W x 13" H
- Folds and/or inserts sheets, business reply envelopes and cards automatically
- Multi-feeding - Allows for a set number of pieces to be pulled from one feeder, then collated and inserted automatically

### Options:

- Furniture
- Flex Optical Mark Recognition
- Electronic sorting system
- Second conveyor - use with sorting system
- Catch tray - use with sorting system
- Auto thickness and multi-sheet feeder
- Thin booklet feeder
- OMR station, transports and feeders for future upgrades
- 402 Series Joggers



FD 6900 - AutoMix™ 3 with optional furniture

The **6900 Series Inserters** are the most powerful and versatile tabletop system available. The 6900 Series offers the versatility to process a wide range of envelope sizes, from a standard #10, up to a flat 10" x 13". AutoMix™ models take this flexibility to the next level by allowing different sized envelopes to be used on-the-fly during operation. Up to six feed stations are capable of reaching speeds up to 4,300 per hour and handling up to 120,000 inserts per month.

The 6900 Series utilizes a user friendly, central control system with automatic settings for one-touch set-up of up to nine different jobs. With the 6900 Series, you don't have to worry about page lengths, envelope sizes or complex jobs. Whether you're mailing one-page invoices, 50-page statements, or anything in between, the 6900 Series offers the functionality to get the job done.

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## Flexible

Only the 6900 Series gives you choices in processing your mailings, either today or in the future as your needs change. The system's flexibility allows you to process your one, two or three-page statements in standard #10 envelopes, along with the ability to process up to 50-page sets, thin booklets or any marketing material which should not be folded, producing the professional look important to any business. The optional electronic sorting system sorts filled envelopes into different stacks, based on OMR, envelope size, thickness, batch count, or seal/non-seal for easier handling and preparation of mixed mail.

## Powerful

The 6900 Series is the best choice for medium and high-volume organizations with a wide array of mailing needs. AutoMix™ technology offers the ability to switch envelope sizes on-the-fly based on the number of inserts. For example, when processing invoices with a varying number of inserts, a four-page invoice would be folded and inserted into a #10 envelope, and a twelve-page invoice would be inserted into a flat envelope, eliminating pre-sorting, manual setup and hand stuffing envelopes. Two divert bins on the OMR and AutoMix™ models allow for increased throughput by diverting misreads to one bin and customer-specific sets to the second bin without interrupting operation. The optional FD 6900-25 feeder allows for feeding and insertion of thin booklets, CDs, DVDs and brochures.

## Secure

Double-document detectors are located at the feeder and at the insertion area to ensure that no double documents are fed into the system. The 6900 Series utilizes electromechanical detectors which can operate with any print density, paper color, thickness or paper dust. Optional Dual-Track OMR offers security by reading the same number of marks on each page, thereby virtually eliminating the chance of pages getting into the wrong envelope.

## Available Models

The 6900 Series is available in Basic, OMR and AutoMix™ models, with a choice of 1, 2, 3, 4, 5\* or 6\* feed stations:

- **FD 6900-Basic Model (1 to 4 feed stations)** - Feeds, folds and inserts with all FD 6900 Series standard features
- **FD 6900-OMR Model (1 to 4 feed stations)** - Adds Dual Track OMR to the FD 6900 Basic Model
- **FD 6900-AutoMix™ Model (2 to 4 feed stations)** - Adds AutoMix™ with OMR to the FD 6900-Basic to offer the ultimate flexibility for inserting into different sized envelopes on-the-fly

\* One or two FD 6900-25 thin booklet feeders can be added to each model to increase maximum feeder stations to six.

## Specifications:

|                        |  |
|------------------------|--|
| Speed:                 | Up to 4,300/hour #10 envelopes<br>Up to 2,500/hour 10" x 13" flat envelopes  |
| Feed Hoppers:          | Up to 300 sheets 20# in FD 6900-30<br>Up to 500 sheets 20# in FD 6900-35<br>Up to 500 sheets 20# in FD 6900-25 (max. booklet thickness up to 5 mm) |
| Envelope Hopper:       | Up to 300 standard or up to 800 w/FD 6900-40   |
| Paper Size:            | 3.25" - 20" L x 4" - 9" W **   |
| Envelope Size:         | 3.5" - 13.5" H x 5.5" - 10" W **   |
| Dimensions:            | 1 Station 68" L, 2 Station 88" L, 3 Station 108" L, 4 Station 128" L   |
| Dimensions w/OMR:      | 1 Station 102" L, 2 Station 122" L, 3 Station 142" L, 4 Station 162" L   |
| Weight:                | 165 lbs. (2 Station)   |
| Duty Cycle:            | Up to 120,000 inserts per month  |
| Voltage:               | 100-120 Volts (50/60 Hz)   |
| Safety Certifications: | UL   |

\*\* All paper & envelope specifications may vary. All media must be tested.



User Friendly Control Panel



OMR Reader & Divert Bins



Optional Sorting System - Allows envelopes to exit into two groups based on OMR, envelope size, thickness, batch count, or seal/non-seal for easier handling and preparation of mixed mail