

## 3950 Series Production Folders

AUTOMATIC FLOOR-MODEL  
FOLDING SYSTEMS

### Standard Features

- **Heavy Duty Construction:** Designed for print shops, fulfillment centers, mailrooms and other high-volume environments
- **Automatic Settings:** Fully automated fold settings allow programming of up to 60 jobs
- **Feed Systems:** Three feed systems are available to suit individual needs: standard air deck, extended air deck and deep pile feeder
- **Variable Speed:** Up to 40,000 sheets per hour
- **Paper Sizes:** Flexibility to process documents up to 14" wide by 25" long
- **Counters:** Six-digit resettable counter and batch counter
- **Fold Plates:** Four insulated and enclosed fold plates for various fold types and output sequences
- **Conveyor w/Photo Eye:** Adjustable 28" – 42" conveyor for neat and sequential stacking
- **Fault Detector:** Detects double feeding and any faults by automatically measuring paper thickness
- **Interlocks:** For fault detection and safety
- **Combination Fold Rollers:** Steel & polyurethane rollers for durability
- **Belt Drive:** Maintenance-free flat drive belts on both sides for quiet operation

### Options:

- Small Format Vertical Stacker
- FD 3950-R: Right Angle Second Folder
- Anti-Static Device
- Slitting, Scoring and Perforating Kits
- Larger 20" Wide-Format Folding Systems

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FD 3950-PF in line with FD 3950-R

The 3950 Series Production Floor-model Folders are the ultimate solution for high-volume print shops, fulfillment centers or mailrooms that demand true "production" capabilities. Each model is a fully automated system that significantly reduces set-up time and increases productivity.

Three feed options are available to suit individual needs: the FD 3950 offers a standard bottom-feed air deck for continuous loading, the FD 3950-EX features an extended bottom-feed air deck for increased load capacity of up to 1,200 sheets, and the flagship FD 3950-PF offers a deep-pile feeder capable of holding up to 5,500 sheets of 20# stock.

All three advanced folding systems are designed to accommodate a second folder in both a straight-on or right-angle configuration to produce additional folds or cross-folds in one pass.

The 3950 Series delivers production-level strength and quality with state-of-the-art features including frequency controlled drives, automatic fold plates with motor-drive settings, electronic paper travel control, paper thickness sensor, sheet gap control, feeder control and a display of actual throughput and timed delivery.

## Fully-Automated

The 3950 Series increases productivity and throughput with the ability to program and save up to 60 jobs into memory. Programmable jobs eliminate the need to re-measure and adjust fold lengths, stop positions and fold plates. The system also automatically measures paper thickness with fold roller pressure settings on the main control panel.

## Powerful

Designed specifically for high-volume multi-shift operation, Formax floor model folders process at speeds up to 40,000 sheets per hour while delivering crisp, accurate folds time and time again.

## Easy to Operate

The centrally-located control panel provides easy set-up and job programming. Stop and start controls are conveniently located at both ends of the machine allowing a single operator to fully utilize the speed and throughput available.

## Versatile

The 3950 Series Folders process documents up to 14" wide and 25" long in a wide variety of paper stocks and coatings. The insulated four fold plate system allows for various fold types and output sequences, accommodating countless folding applications.

## Specifications:

Sheet Capacity:	FD 3950: Up to 700 sheets, 20# FD 3950-EX: Up to 1,200 sheets, 20# FD 3950-PF: Up to 5,500 sheets, 20#
Variable Speed:	Up to 656 feet per minute, up to 40,000 sheets per hour
Minimum Paper Size:	FD 3950 & FD 3950-EX: 2 3/4" W x 3 15/16" L FD 3950-PF: 3 15/16" W x 4 11/16" L
Maximum Paper Size:	FD 3950 & FD 3950-EX: 14 15/16" W x 25 9/16" L FD 3950-PF: 14 15/16" W x 25 9/16" L
Minimum Fold Length:	1 3/8"
Paper Weight:	13# bond to 90# cover for single parallel fold
Power:	Dedicated 3-phase, 208V, 60Hz NEMA L21-20P plug included, NEMA L21-20R receptacle required
Duty Cycle:	Unlimited
Dimensions:	FD 3950: 106" L x 31" W x 56" H FD 3950-EX: 114" L x 31" W x 56" H FD 3950-PF: 114" L x 31" W x 56" H
Weight:	FD 3950: 595 lbs. FD 3950-EX: 605 lbs. FD 3950-PF: 816 lbs. FD 3950-R: 507 lbs.
Delivery Requirements:	Customer-supplied automated pallet jack or fork lift
Certifications:	CE & UL

\* Three-phase power is required, as well as a customer-supplied automated pallet jack or fork lift for installation.



FD 3950  
in line with FD 3950-R



Control Panel



FD 3950



FD 3950-EX