

FORMAX®

Div. of BESCORP, Inc.

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

Formax a Division of Bescorp, Inc.

New Hampshire, USA

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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.



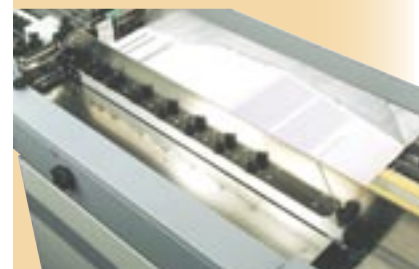
FD 3950
in line with FD 3950-R



Control Panel



FD 3950



FD 3950-EX