

MAILCRAFTERS

EDGE & EDGE II SERIES™

THOR

High Speed Inserting System



THOR FEATURES

- Complete Mail Processing/Finishing System
- Optical Mark and Bar Code Reading Capability
- Streamlined Single/Multiple Sheet Feeder, Folder, Accumulator Function
- Conjugated Cam Drive
- Rugged Drive System
- Envelope Turn-Over or Sealer Roller Configuration
- Two Hand "Safety" Start
- Simple Set-Up Procedure



THE ULTIMATE CHOICE IN COMPUTERIZED INSERTING TECHNOLOGY

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High Speed Inserting System



MAILCRAFTERS INSERTERS FEATURES AND OPTIONS

FEATURE	EDGE	EDGE II
Operator Interface	5.7" Color Touch Screen	10" Color Touch Screen
Emergency Stop Switch	Standard	Standard
Sequential Startup and Shutdown	Standard	Standard
Separate Jog Speed	Standard	Standard
Easy to Read Error Displays	Standard	Standard
Safety Indicator (Covers)	Standard	Standard
Station Toggling	Standard	Standard
Diagnostics I/O	Standard	Standard
Light Tower	Optional	Standard
Envelope Divert (Unscaled)	Not Available	Standard
Stuff Air Assist	Optional	Standard
Batch Counting	Optional	Standard
Encoder Gating	Standard	Standard
System Interface (RS232)	Optional	Optional
Networking	Optional	Optional
Flip/Flop	Optional	Optional
Production Screen	Optional	Standard
Printer	Optional	Optional
Zip Sorting	Optional	Optional
Modem Link	Optional	Optional
Power Buck & Boost	Standard	Standard

PRESENTING THE MAILCRAFTERS "EDGE/EDGE II SERIES" THOR SYSTEM

This state-of-the-art complete intelligent production mail finishing system was designed and manufactured to answer your toughest production mail challenges. The Thor System has the strength and ability to handle your everyday tasks and your production mail challenges.

Thor's unique combination of in-line reading, gathering, folding, and inserting capabilities allow for a rapid, efficient, and secure method of starting and completing your production mail tasks with a minimum amount of labor and a maximum amount of confidence. Thor's ability to read Optical Marks, and/or Bar Codes enhances the system's flexibility, allowing your organization the opportunity to maximize your standard technologies in the pursuit of document matching and integrity.

The standard Thor System comes complete with a proven in-line reading, gathering, and folding module, combined with the exemplary "Edge or Edge II Series" Mailcrafter Inserter. The front end component comes standard with Optical Mark reading capability. With over 30 years of expertise in the production mail systems business, Inscerco Mfg., Inc. has always manufactured the MailCrafters product with a fervent desire to maintain and enhance their reputation of quality craftsmanship, leading edge market vision, and operator friendliness, creating an unparalleled world of happy and loyal customers.

THOR INSERTER SPECIFICATIONS

	9800	9800L	1200	1200X
Envelope Size Max.	6 $\frac{1}{2}$ " x 9 $\frac{1}{2}$ "	12" x 7"	12" x 9"	10" x 14"
Envelope Size Min.	3 $\frac{1}{2}$ " x 5 $\frac{1}{2}$ "	5 $\frac{1}{2}$ " x 3 $\frac{1}{2}$ "	7 $\frac{1}{2}$ " x 4"	8" x 4"
Insert Size Max.	6" x 9"	11 $\frac{1}{2}$ " x 6"	8 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ "	9 $\frac{1}{2}$ " x 13 $\frac{1}{2}$ "
Insert Thickness Max.	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "	$\frac{1}{8}$ "
Flap Depth Max.	2 $\frac{1}{2}$ "	2 $\frac{1}{2}$ "	3"	3"
Power requirements	208-220 VAC Single Phase 30 AMPS.			
Insert/Folder B.T.U.	3405	3405	3405	3405
Insert/Folder Wgt. (420)	1776	1969	2359	2494
Insert/Folder Wgt. (438)	2151	2344	2734	2869

NOTE: 9800L mounted turnover inserter minimum envelope size may be larger

THE THOR'S FOLDER/FEEDER SYSTEM

The Thor's Folder/Feeder is designed with the Mailroom in mind. With the large load capacity of 2000 sheets and its windows based operator interface, the Thor can make any job an easy one. You have two choices in folder/feeder units. The 420 and the 438, both are well suited for any mailroom.

The 420 Folder Feeder

An economical and versatile solution to personalizing and inserting mail. Having the capacity to gather up to 5 sheets and fold them into a letter fold, seven sheets if you are folding in half, gives the 420 the ability to handle most mailing requirements. The 420 has many options for doing intelligent reading. They are: OMR, 3 of 9, 128, and 2 of 5. With this reading capability, the folder will be able to intelligently control 6 to 8 stations of selection, envelope diverting, and dual metering with postal weight calculation or by mark. This folder/feeder will be able to run cuts or optional continuous forms.

The 438 Folder Feeder

The 438 has all the features of the 420 and more. With its heavy duty Folder, the 438 is designed for a 24 hour - 7 days a week capacity. The folder, having polyurethane/steel roller, can fold up to 8 sheets in a letter fold and 12 sheets in a half fold.

With the 420 or the 438 folder/feeder and the Mailcrafters Edge or Edge II Series Inserter, your mailing jobs will be processed with accuracy, dependability and speed.

420 AND 438 FOLDER/FEEDER SPECIFICATIONS

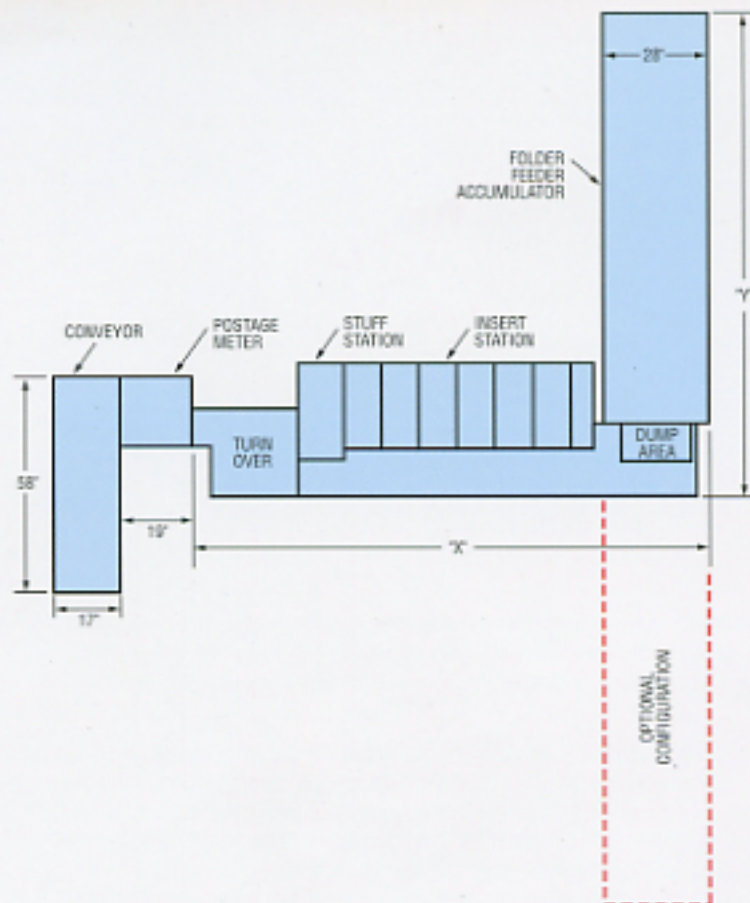
FEATURE	420	438
Throughput Speed	Up to 30,000 documents per hour	Up to 30,000 documents per hour
Paper Weights	20# (75 GSM) 24# (90 GSM) Please inquire for heavier weights	20# (75 GSM) 24# (90 GSM) Please inquire for heavier weights
Paper Size	7" x 7" (178mm x 178mm) to 11" x 14" (305mm x 356mm)	7" x 7" (178mm x 178mm) to 11" x 14" (305mm x 356mm)
Load Capacity	2000 Sheets of 20# Bond	2000 Sheets of 20# Bond
Folder	4 Plates	4 Plates
Fold Types	"C" - "Z" - "V" - and Double "V"	"C" - "Z" - "V" - and Double "V"
Porosity	20 Gurley Seconds	20 Gurley Seconds
Stiffness	20# Stock (Gurley Stiffness Units)	20# Stock (Gurley Stiffness Units)
Counter Modes	Total, Batch or Resetable Count	Total, Batch or Resetable Count
Group Selector	1 to 5 Sheets Letter Fold	1 to 8 Sheets Letter Fold
Power	120 VAC, 1 Phase, 60Hz, 9 Amp	220 VAC, 1 Phase, 20 Amp
Length	120 Inches	106 Inches
Width	26 Inches	26 Inches
Height	52 Inches	58 Inches
Weight	350 Lbs.	725 Lbs.

DIMENSIONS

MODELS		420	438
BASE	"X" Dim.	"Y" Dim.	"Y" Dim.
9800	136"	143"	129"
9800L	160"	143"	129"
1200	170"	149"	135"
1200X	170"	150"	136"

SYSTEM OPTIONS (partial list)

- Additional Insert Stations
- Bar Code Reading Capability
- Open Feed/Book Feed Stations
- Insert/Envelope Track Detection
- Friction Feeder
- Push Feed in Station or Open Station
- Postal Permit Printer
- 8 Ft. Conveyor
- Inkjet
- Cabinet



MAILCRAFTERS

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