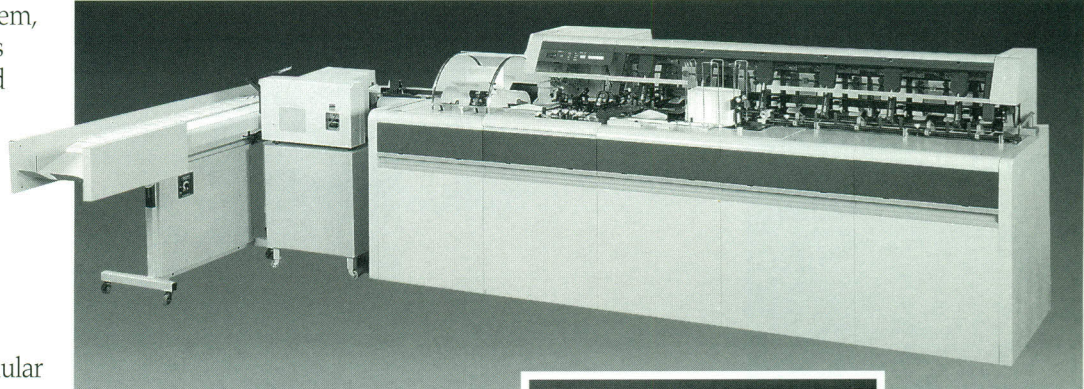


# MAILSTAR® 500

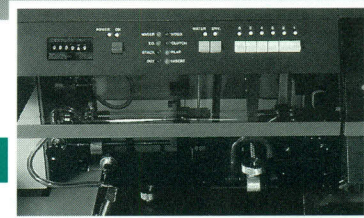
## Mail Processing System

# INSERTING SYSTEMS

The Mailstar 500 Mail Processing System, a leading performer in Bell & Howell's family of inserters, combines advanced electromechanical design and next-generation software control to enhance the efficiency of mailers processing high volumes of non-personalized inserts. The Mailstar 500 system, with its proven record in the industry for durability and efficiency, supports high production levels. The standard system architecture and modular design of the Mailstar 500 model ensure a long life for your investment and provide long-term upgradeability.



With the modular design of the Mailstar 500 Mail Processing System, you can add AIM, insert, and MDS options at your site.



The centralized control panel provides easy operator set-up. Detection indicators direct the operator to error locations.

### APPLICATIONS

- Any non-read mailing application characterized by single-page, prefolded or single-panel address pages, with multiple inserts
- Ideal for direct mail, letters, notices, statements, tax notices, and many other applications

### FEATURES & BENEFITS

*Mailstar 500 products offer flexibility for your applications and material specifications.*

- Wide range of available adjustments on the insert and envelope hoppers, and the track support a variety of material sizes
- Adjustable speed control allows operator to increase or decrease speed for the most efficient handling of a given application
- Options such as vacuum or knife-style envelope flap opener, and elevator or shuttle-feed envelope hopper increase system capabilities
- Electronically activated insert jaw opening supports smoother operations at high speeds

*The Mailstar 500 system is easy to use.*

- Centrally located control panel simplifies set-up and alerts operator to problem locations to maximize system up-time
- Easily adjustable guides make job set-up and changeover quick and simple
- Vacuum system provides more accurate paper handling, reducing operator intervention
- Automatic detection set-up on the insert stations reduces operator intervention

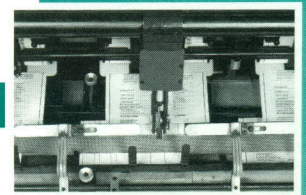
- Push-button front table adjustment for varying material sizes speeds up job changeover

*Mailstar 500 Systems are easy to upgrade on site, reducing equipment replacement costs.*

- Add Modular Delivery System (MDS) modules such as divert conveyors or postage meters to increase outsourcing capabilities and maximize postage discounts
- Add four- and six-station insert modules — up to a total of 12 stations — as your number of inserts increase
- Add an electronic Automated In-line Mailing (AIM™) system to accumulate personalized, multiple-page documents

*Mailstar products offer a wide range of upgrade options to add value to your system.*

- Optical Mark Reading at the first insert station provides ZIP Code™ sorting capabilities
- Ink-jet printer can be added to the delivery module to print messages on filled envelopes



Automatic detection set-up for inserts, with dual lights to indicate misses and doubles, is accomplished by the touch of a button.

**BELL + HOWELL®**  
MAIL PROCESSING SYSTEMS

SYSTEM  
CONFIGURATION  
AND  
SPECIFICATIONS

# MAILSTAR® 500

## Mail Processing System

Call 1-800-220-3030 to find out how to get additional information regarding product specifications, service programs, and equipment ordering and leasing.

### SPECIFICATIONS

- Speed:** *Cycling:* Up to 10,000 per hour  
*Throughput:* From 60% to 80% of cycling speed
- Stations:** Up to 12 stations (in four- and six-station modules)  
Larger units quoted upon request
- Envelopes:** *Maximum Size:* 10" x 6-1/4" (254mm x 159mm)  
10-3/8" x 6-1/4" (263mm x 159mm)  
available as a "Special"  
*Minimum Size:* 6" x 3-1/2" (152mm x 89mm)  
*Flap Depth:* 1" x 1-3/4" (25mm - 44mm)
- Inserts:** *Maximum Size:* 9-1/2" x 6" (241mm x 152mm)  
*Minimum Size:* 5-1/2" x 3" (140mm x 76mm)  
*Paper Weight for AIM material:* 20 - 24lb. (75 - 90g/m<sup>2</sup>)  
*Maximum accumulated thickness*
- Stacker or Turnover option: 3/8" (10mm)
  - Meter or Conveyor Delivery option: 1/2" (13mm)
- Environmental Requirements:** *Power:* 208/240 VAC, 30Amp, single phase, 50 or 60Hz, 4-wire  
120 VAC, 20Amp, single phase, 50 or 60Hz (Isolated Computer Power)  
120 VAC, 30Amp, single phase, 50 or 60Hz (Modular Delivery System)  
*Temperature:* 64°-90°F, 18°-32°C  
*Humidity:* 40%-60% (non-condensing)
- Dimensions:** *Width:* 36" (91.4cm)  
*Height:* 45" (114.3cm)  
*Length:* Dependent on system configuration

### BELL & HOWELL MAIL PROCESSING SYSTEMS WORLDWIDE OFFICES

#### Bell & Howell Phillipsburg Company

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**BELL + HOWELL®**  
MAIL PROCESSING SYSTEMS

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Performance may vary depending on exact job  
configuration, and environmental and other conditions.

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