

# Mail Matrix™

...deliver like never before.



iBOT™

intelligent robotic  
wireless vehicle

**OPEX**®  
CORPORATION

# Advanced Technology for Effortless Mail Management

Mail Matrix is truly revolutionary in form and function. Using iBOTS (intelligent robotic wireless vehicles), Mail Matrix distributes a wide variety of mail into a convenient array of delivery bins in a single pass. With a small footprint, high functionality, and cost-saving efficiency, Mail Matrix offers a powerful solution that meets the needs of mail centers in a variety of processing environments including corporations, universities, hospitals, service bureaus, presort bureaus, government departments and agencies, lockboxes, and many more.

## Efficient...

operation that improves workflow and streamlines processing for single pass sorting.

## Compact...

configuration with removable delivery bins located on both sides of the machine to maintain a small footprint.

## Scalable...

design that can be adjusted to your needs with scalable delivery bin modules, iBOTS, and keying stations to accommodate growth. 32-1088 individual sort destinations available in a single pass.



# Mail Matrix™



iBOTs™

## Innovative...

iBOT delivery method that uses recognition and database software, high resolution imaging, and wireless communication to determine the appropriate bin and then transport and deliver each piece.

## Versatile...

functionality to distribute letters, flats, small parcels, and most other items quickly and easily using a wide range of sorting options including name, department, building, floor, and more. 12" x 15" x 1" and up to 2lbs in weight.

# Specifications

## Basic Configuration

- Key From Paper (KFP) Module
  - integrated key and drop station
  - OPEX Directory Retrieval System (DRS)
- iBOT™ intelligent robotic wireless vehicles (3)
- Removable front and rear delivery bins (30)
- Large mail tubs (2)

## Optional Enhancements

- Auto-feeder to inject mail into the system
- Key From Image (KFI) Module
  - image capture system
  - inline image keying station
- Multi-Line Optical Character Recognition (MLOCR)

## Optional Expandability

- Additional image keying stations
- Additional delivery bin modules (90 bin increments)
  - up to 1020 total delivery bins
- Additional iBOTs
- Mail carts

## Performance Characteristics

- Scalable throughput up to 3600 pieces/hour

## Document Specifications

- Mixed media: letters, flats, magazines, accountable mail, small parcels and newspapers
- Length: 5 to 15 in (12.7 to 38.1 cm)
- Width: 2.75 to 12 in (7 to 30.5 cm)
- Thickness: 0.007 to 1.0 in (0.017 to 2.54 cm)
- Weight (maximum per piece): 32 oz (907 g)

## Electrical Requirements

- 120/208 VAC, single phase (230 VAC, single phase)
- 60 Hz, 3-wire system (50 Hz)
- 24 amps maximum

## Physical Specifications

- Length: 60 in (152.4 cm)
  - add 45 in (114 cm) for each delivery bin module
- Width: 143 in (363.2 cm)
- Height: 88 in (223.5 cm)

## Environmental Specifications

- Temperature: 50° to 90° F (10° to 32° C)
- Humidity: 5% to 95% RH
- Sound level (maximum): 80 db
- Agency approvals: UL, CE, FCC



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