

OPEX®

Automate the Sorting of Inbound Mail



Why Mail Matrix®?

Using wireless robotic vehicles called iBOTs®, Mail Matrix® distributes a wide variety of mail into a convenient array of delivery bins in a single pass.

With a small footprint, Mail Matrix® offers a powerful solution for sorting high volumes of inbound mail at speeds of up to 3,600 pieces per hour. Automating the sorting of inbound mail allows businesses to easily handle fluctuations in mail volume without impacting existing staff. Types of mail centers that benefit from this solution include corporations, universities, hospitals, service bureaus, election agencies, and lockboxes.

Features

Automatic Mixed-Mail Feeder

Presort is no longer necessary as operators load mail onto the drop feeder or into the mixed-mail auto-feeder reaching throughput rates up to 3600 pieces per hour.

iBOT® Technology

iBOT® robots are multi-directional, intelligent, wireless vehicles that effectively transport a wide variety of mail to sort locations in a single pass. These robotic vehicles are highly energy efficient and recharge as they cycle through the system.

OPEX® Tracker™ Software

OPEX® Tracker™ software provides arrival point image and data capture for downstream accountable tracking solutions. This tracking ensures that each mail piece can be accounted for throughout your organisation.

Image Capture System

Multi-Line Optical Character Recognition (MLOCR) reads addresses and compares them to your company directory. Addresses are identified using a range of options, including name, department, PO Box, building, division, and mail code.

Advantages

Small Footprint

The Mail Matrix® sorting system can fit in even the most limited space measuring 5' x 12' and 7'4" in height. This compact configuration includes removable delivery bins located on both sides of the machine.

Seamless Integration

Mail Matrix® seamlessly integrates into your existing workflow and streamlines processing for single pass sorting.

Versatile Sorting

Whether distributing letters, flats, or small parcels the Mail Matrix® sorts items quickly and easily using a wide range of sorting options including name, department, building, or floor.

Scalable

The expandable design can be adjusted to your needs with scalable delivery bin modules, iBOT® robots, and keying stations to accommodate growth.

Specifications

Basic Configuration

SPECS

| | |
|------------------------|--|
| 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) |
| Additional Features | Key From Paper (KFP) Module, OPEX Directory Retrieval System (DRS) |
| Optional Enhancements | Auto-feeder, Key From Image (KFI) Module, Multi-Line Optical Character Recognition (MLOCR) |
| Optional Expandibility | Additional image keying stations, delivery bin modules (90 bin increments up to 1020 total delivery bins), and iBOTs |

Document Specifications

Types of media handled: letters, flats, magazines, accountable mail, small parcels and newspapers

SPECS

| | |
|-----------|------------------------------------|
| 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 | 32 oz (907 g) (maximum per piece) |

Additional Specifications

| | |
|---------------------------------|---|
| Maximum iBOTs | 26 |
| Delivery Bins | Basic Configuration: Removeable front and rear (30) and large mail tubs (2) Expansion Modules: Removable front and rear (90) and large mail tubs (6) |
| Maximum Hourly Rate (pieces/hr) | Up to 3000 pieces/hr (sustained), with burst rates exceeding 3000 up to 3600. |
| Electrical Requirements | 120/208 VAC, single phase (230 VAC, single phase) 12 amps maximum 60 Hz, 4-wire system / (50 Hz, 3-wire system) |
| Environmental Specifications | Temperature: 50° to 90° F (10° to 32° C) Humidity: 5% to 95% RH Sound level (maximum): 80 db |
| Maximum Charging Rails | 3 (1st charge rail accommodates 12 iBOTs; 2nd charge rail required for up to 24 iBOTs; 3rd charge rail required for up to 26 iBOTs) |

Have questions?

Contact us.

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