

# OPEX<sup>®</sup>

## High-Speed Automated Sorting



### Why Sure Sort™?

The industry-leading scalable, configurable, and cost-effective small-item robotic sorting system.

OPEX's<sup>®</sup> Sure Sort™ solution has changed the way companies handle small items, particularly as it relates to parcel sorting, multi-line orders, and reverse logistics. The Sure Sort solution reduces the number of excessive touches associated with existing sorters. Regardless of shape, packaging, or orientation, Sure Sort sorter provides a better way to sort small items more accurately and efficiently. Single items of a variety of shapes and sizes and parcels up to 5 lbs. can be delivered to their designated sort location at rates up to 2,400 items per hour.

### Features

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#### iBOT<sup>®</sup> Technology

iBOT, multi-directional, intelligent, wireless vehicles effectively transport inventory to sort locations. Recharging as they cycle through the system, this solution is highly energy efficient.

#### Warehouse Management System (WMS) Integration

Sure Sort software integrates easily with existing WMS to exchange item status and data for tracking and order verification.

#### OPEX Scan Tunnel

Standard up to six-sided scan tunnel scans items on all six sides independent of product orientation. It can read up to eight barcodes on a given SKU.

#### Sort Bin Configurations

Sure Sort can be configured with various bin sizes and types to best fit customer needs. Items can be sorted to bins 4" (10.16 cm), 7" (17.78 cm), 12" (30.48 cm) in size or direct to shipping box.

#### Pack-to-Light

OPEX's configurable, LED, pack-to-light system notifies workers when orders are complete or additional actions are required.

#### Product Dimensioner

The optional dimensioner captures product attributes in real-time as items pass through the scan tunnel and provides up-to-date information to the WMS.

### Advantages

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#### Scalable

Expansion modules make adjusting to peaks in demand simple and easy to implement system-wide.

#### Rapid Installation

Sure Sort's modular design is pretested, delivered in construction order, and up and running in as little as three short days.

#### Efficient

Compact in size, Sure Sort is an ideal solution for micro-fulfillment centers, requires minimal labor, and is energy efficient.

#### Flexible

The Sure Sort footprint offers the maximum number of sort locations in the most limited space. For example, one Sure Sort system can replace up to six traditional put walls/shelving.

#### Fast ROI

While most capEX investments see a minimum of a five year ROI, the Sure Sort solution is a cost-effective entry into warehouse automation with payback in as little as two years.

#### Customizable and Dynamic

Sure Sort can be customized to meet individual customer needs. By using product dimensions for decisioning, customers can maximize the number of sort locations in the same footprint.



# Specifications

## Basic System Configuration (Full Length)

<b>SPECS</b>	<b>SURE SORT™</b>	
Length	5.1' up to 45.8' (1.55 m up to 13.96 m)	3.7' (1.13 m) for each additional expansion module
Width	11' (3.35 m) at the input conveyor	5.8' (1.77 m) at the expansion module
Height	8.9' (2.72 m)	

## Product Dimensions of Inventory Items

<b>SPECS</b>	<b>SURE SORT™</b>
Length	2.0" to 15" (5.08 cm to 38.1 cm)
Width	2.0" to 12" (5.08 cm to 30.5 cm)
Height	0.007" to 4.0" (0.017 cm to 10.16 cm)
Weight	Up to 5 lbs. (2.27 kg)

## Product

iBOTS	Up to 22
Delivery Bins	4" (10.16 cm), 7" (17.78 cm), 12" (30.48 cm)
Throughput	Scalable up to 2,400 items per hour
Barcode Readers	Up to 6-sided, automated OPEX scan tunnel Fixed mount readers Hand scanner
Optional Dimensioner	Captures product dimension from 0.4" (10 mm) with a resolution of 0.1" (2.5 mm)
Automated Return Conveyor	Items recalled by WMS are returned for secondary action
Pack-to-Light	Customizable LED indicators
Expansion Modules	Up to 11

## Have questions?

Contact us.

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**OPEX®**