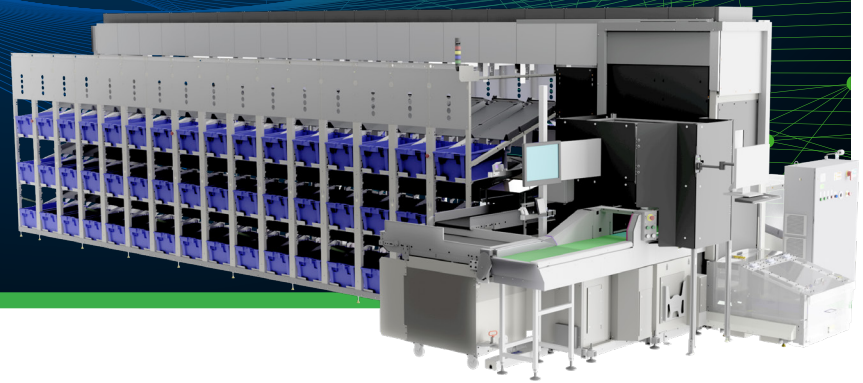


OPEX[®] SURE SORT[®] X

Next Generation High-Speed Automated Sorting



WHY SURE SORT[®] X?

Sure Sort X is the next generation in OPEX's scalable, configurable, and cost-effective sorting system. It was developed based on feedback from our global install base of nearly 1,000 Sure Sort system to date, Sure Sort X features a larger item weight capacity and additional functionalities, making it a more robust solution. With a proven track record since 2019 and hundreds of deployments worldwide, Sure Sort X is recognized for its increased product handling capabilities. It is designed to streamline order consolidation and fulfillment across several markets, significantly enhancing operational efficiency. The system can sort up to 2,100 items per hour, including those that are 60% smaller, nearly 20% larger, and up to 4x heavier than Sure Sort, showcasing its versatility.

FEATURES

INCREASED PRODUCT HANDLING

Larger (up to 18 "L x 14 "W x 8 "H) and heavier (up to 20 pounds) items can be sorted into a configurable arrangement of mixed and various bin sizes and types.

IBOT[®] TECHNOLOGY

The Sure Sort X iBOTS feature more sophisticated iBOT motion algorithms that allow the iBOTS to move around the system more efficiently and change target in real time during transportation. The system and iBOTS allow for entry and exit from the system while the machine continues to run to ensure the highest possible system uptime.

INDUSTRIAL DESIGN

The Sure Sort X system and iBOTS are designed for industrial use, providing a reliable and robust solution for various applications in refrigerated and ambient environments.

ADDITIONAL CAPACITY

Sure Sort X has a larger maximum length configuration than Sure Sort, allowing more sorting destinations in a single system.

INTEGRATION WITH THE WAREHOUSE MANAGEMENT SYSTEM (WMS)

- Sure Sort X software supports multiple integration methods with any WCS/WMS.
- Partners and resellers can use the machine API controls to interact directly with Sure Sort X.
- OPEX can manage orders by utilizing the order creation interface with Sort-to-Order (S2O).
- Returns can be easily processed and order kits created via CSV sorting without full WCS integration.

ADVANTAGES

SCALABLE & EFFICIENT

Designed to grow with your business, expansion modules make adjusting to growth in demand simple and easy to implement. Compact in size and requiring minimal labor, Sure Sort X is an ideal solution for micro-fulfillment centers.

FLEXIBLE & CONFIGURABLE

The Sure Sort X footprint offers a high density of sort locations in limited space. For example, one system can replace up to six traditional put walls/shelving. The system and sort locations can be customized to meet individual customer needs.

RAPID INSTALLATION & ROI

Modular design allows for installation in as little as one week. While most CapEx investments see a minimum five-year ROI, Sure Sort X provides a cost-effective entry into warehouse automation with payback in as little as two years.

SPECIFICATIONS

SYSTEM CONFIGURATION

Length	16.5' up to 83.7' (5.03 m up to 25.51 m)	4.8' (1.46 m) for each additional expansion module
Width	14.6' (4.46 m) at the input conveyor	11.1' (3.39 m) at the expansion module
Height	9.8' (3 m)	
Environment	Chilled (34 °F/1.1 °C Non-Condensing) to Ambient (90 °F/32.2 °C Max)	

MATERIAL TO BE HANDLED

Length x Width Minimum	1.25" x 1.25" (3.2 cm x 3.2 cm) or 2 in ² (13 cm ²)	
Length x Width Maximum	18" x 14" (45.7 cm x 35.5 cm)	
Height	0.01" to 8.0" (0.03 cm to 20.3 cm)	
Weight	Up to 20 lbs. (9 kg)	

PRODUCT

iBOTS	Up to 20 iBOTS	
Delivery Bins/Totes/Boxes (Mixed & Various Sizes)	5.3" (13.5 cm), 8.5" (21.6 cm), 10.7" (27.2 cm), 14.3" (36.3 cm); EU tote (600x400x300 mm); supports gaylord and mail sack	
Throughput	Scalable up to 2,100 items per hour	
Barcode Readers	Up to 6-sided, automated OPEX scan tunnel Fixed mount readers	Hand scanner Batch scan
Optional Dimensioner	Captures product dimension from 0.4" (10 mm) with a resolution of 0.1" (2.5 mm) Enables cubic volume bin full reporting	
Automated Return Conveyor	Items recalled by WMS are returned for secondary action	
Pack-to-Light	Customizable LED indicators	
Expansion Modules	Up to 15	
Induction Conveyor Location	Option to install on either the right or left side at the front of the system	
Included Automation Interfaces	Ready to feed status, external e-stop, Machine Controls API, Order Creation Interface (S20)	
HMI Languages Supported	English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Spanish	

Have questions?

Contact us.

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