



tSort: The Most Flexible Robotic Sortation System

HOW FLEXIBLE IS YOUR SUPPLY CHAIN?

tSort, tSort Plus and tSort Mini - the warehouse sortation system unlike any other.

Our new, innovative technology is building world-class supply chains while providing unmatched flexibility, speed, and scalability. Modularity ensures the perfect fit for everything from large FCs and DCs, down to a retail backrooms. E-commerce, store replenishment, returns, BOPIS and much more. Quickly deployed, configurable, portable. Flexible robotics innovation.

Features & Benefits

Optimal Flexibility - Flexible for any flow, process, SKU set, volume and any changes that may arise in business requirements. Unit and parcel sortation separately or combined.

Broad Product Line – Three base sort models and robust features for a wide range of applications, products and process flows

High Capacity & Capabilities – Higher capacity than a single traditional system with more robust features and abilities not found in competitors.

Portable – A system can be relocated easily in a short time and there are no permits, electrical or sprinkler constraints.

Less Space – Typically < 25% of traditional sortation space.

Modular, Scalable & Configurable - Robots and all elements can be added at any time, in any space, and into any shape to meet peaks or increase throughput. Entire system has plug and play design.

Low Cost & Low Labor – 40% to 50% less than traditional tilt tray or crossbelt systems. t-Sort system provides significantly improved productivity - picking has larger batches and induct / sort is more efficient.

Range of Products – Handles a wide variety of products including apparel, shoe boxes, general merchandise, shipping bags and small-to-medium sized boxes. Nearly 100% of grocery items and 98% of retail merchandise are sortable with t-Sort. System offers multiple tray and belt designs, optimized for different products, that can be easily changed.

Fast Deployment – Typical implementation is 5 - 7 months and subsequent roll outs can be accomplished in as little as two weeks in some cases.

Invest & Grow as Needed – Purchased and installed as needed. Delays outlays and allows full utilization of assets.

Greater ROI – Low cost, high productivity, low space, faster deployment, modular growth as needed all drive significant ROI improvement.

Greater Reliability & Low Risk – No single point of failure. Plug & play for all elements and redundant throughout. Simple maintenance and upkeep.



Specifications



tSort



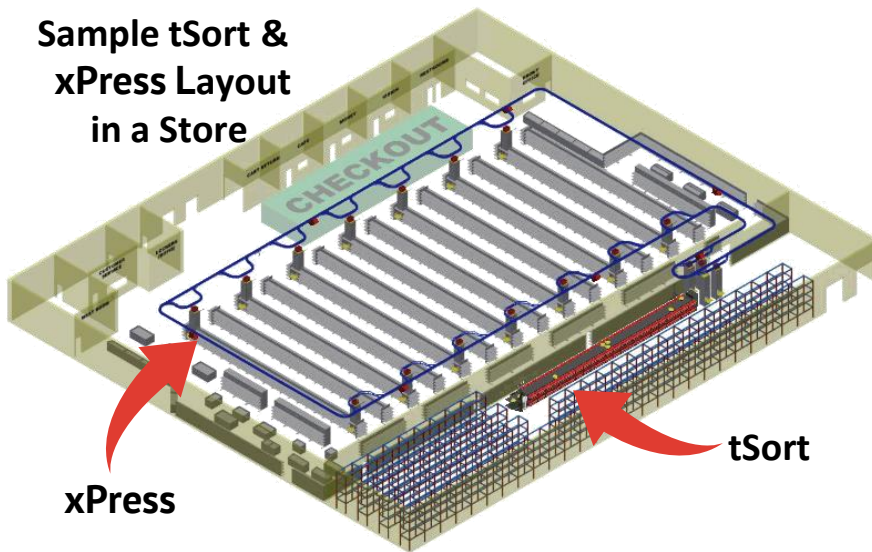
tSort+



tSort^{mini}

	tSort	tSort+	tSort ^{mini}
Max. Speed	2.5 m/s	2.0 m/s	2.5 m/s
Standard Load Size	Penny - 15" x 10"	1" x 1" - 24" x 19"	Penny - 7" X 5"
Maximum Load Size	24" x 18"	39" x 19"	10" x 7"
Standard Load Weight	Up to 11 lbs.	Up to 66 lbs.	Up to 3 lbs.
Maximum Load Weight	Up to 33 lbs.	66 lbs.	5 lbs.
Divert Mechanism	Single and Dual Tilt Tray, Single Belt	Single & Dual Tilt Tray or Belt	Single Tilt Tray

Sample tSort & xPress Layout in a Store



xPress

New product for use in Distribution Centers to retail spaces – all channels. A unique application moving goods and material in retail and MFC. Major cost and space savings and can carry totes or tilting hoppers.



Get in touch!

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