



Our Powerful Robotic Sortation Systems

xChange, xPress, tSort, tSort Plus tSort Mini - Powerful warehouse sortation systems.

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



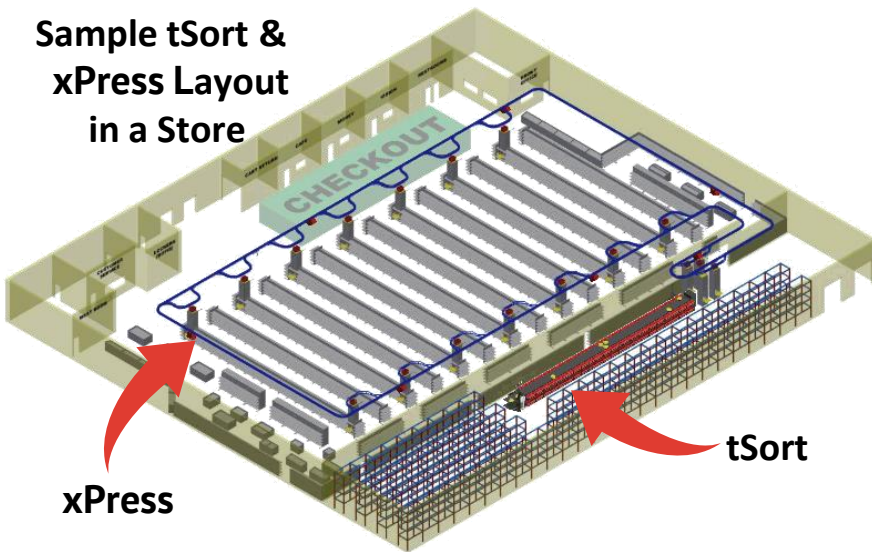
tSort+



tSort^{mini}

	tSort Tray & Crossbelt			tSort+ Tray & Crossbelt			tSort ^{mini} Tray
Max. Travel Speed	2.5 m/s			2.0 m/s			2.5 m/s
Acceleration	1.5 m/s ²			1.5 m/s ²			1.5 m/s ²
Battery Life	~5 years			~4 Years			~5 Years
Sort Mechanism	Tray	XL Tray	X-Belt	Tray	XL Tray	X-Belt	Tray
Max. Product Size	15"x13" 380x330	26"x18" 610x460	19"x14" 480x350	19"x16" 480x400	30"x19" 750x500	39"x19" 980x500	10"x7" 250x180
Max. Weight	11 lbs 5kg	8 lbs 4kg	33 lbs 15kg	40 lbs 18kg	30 lbs 14kg	66 lbs 30kg	5 lbs 2kg
Sort Types /Control	Single, split, dual tilt trays or a single belt			Single, dual tilt trays and belts			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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