



CASE STUDY

FUJIFILM

Tompkins Robotics' tSort Delivers Big Benefits for Direct-to-Consumer Fulfillment Operations

Why Choose Tompkins Robotics?

We deliver innovative robotic solutions to the most challenging supply chain problems so businesses worldwide are empowered to create a more efficient, flexible, and scalable future.

Businesses of all sizes navigate their supply chain challenges by harnessing the potential of Tompkins Robotics' innovative solutions to meet their demands today and pioneer future progress.



Innovation Mindset

We continuously push boundaries to reimagine automation and robotics solutions.



Partner for Success

We build collaborative relationships with customers and partners to surpass our collective expectations.



Excellence Always

We are committed to delivering unparalleled quality in every project.

The Company

FUJIFILM North America Corporation offers personalized photo products for consumers through imaging, electronic imaging, graphic systems, and optical devices. The corporation's offerings and SKUs have diversified and expanded over the years, along with increased direct-to-consumer demand.

The Goal

Supply Chain leaders were looking for a cost-effective solution to build a system that sorts orders to individual customers while optimizing production and facility throughput, reducing labor costs, and providing scalability to accommodate varying demand. It also needed the ability to sort various package types, from prints to personalized mugs and other articles. The system was to be installed around existing operations.



The Solution

FUJIFILM selected the Tompkins Robotics' tSort system, the award-winning AMR solution, to optimize fulfillment operations and provide a wealth of benefits for direct-to-consumer fulfillment, including:

1

Rapid deployment

tSort ensures high throughput per square foot with a low capital investment relative to traditional sortation systems.

2

Fast return on investment

FUJIFILM saw a total return on investment in less than a year and increased revenue potential with higher sorting capabilities.

3

Scalable & portable

The tSort solution is fully modular, configurable, and portable. All elements and robots are fully customizable to meet changing demands and suit unique business requirements.

4

Wide range of capabilities & applications

tSort can process a wide variety of products and packages in many different environments and applications, including polybags, cartons, loose items, and many more product configurations.

5

Flexible and robust warehouse execution system

tSort is powered by the cloud-based Tompkins Warehouse Execution System (tWES), which delivers the robust functionality required for efficient fulfillment operations.

Results & Benefits

FUJIFILM successfully implemented a dynamic sortation solution with close to a thousand destinations. These destinations turn over various times throughout the day and shifts. The tSort solution also improved the order fulfillment accuracy of operations.

The 2-level system allowed FUJIFILM to meet increased production requirements within the restricted footprint available.



Lowered attrition rates by more than half during the peak season



Decreased labor costs by more than 54%



Increased capacity to sort up to 1,000 customer orders simultaneously



Everyone on the Tompkins team who has worked on the project jumped on any issues immediately and solved them. The team was accountable, owned the solution, and fixed it.

*Dwain Parrish - FUJIFILM,
Senior Director of Manufacturing*

