



## RollerTop and Rollertop Guide AMRs

Increase efficiency and productivity with autonomous mobile robot (AMR) solutions designed for flexibility and safety from Zebra and Fetch



## RollerTop

Flexible Automation Addition  
to Fixed Conveyors

### Key Benefits

- Automate loading and unloading of totes and bins from conveyors or ASRSs
- Flexibly extend existing conveyor workflows
- Automatically trigger induction or deduction via Fetch Robotics' FetchCore software
- Integrate existing conveyor controls with FetchCore using optional IIoT smart gateway



## RollerTop Guide

Directed Picking and Conveyor  
Delivery Come Together

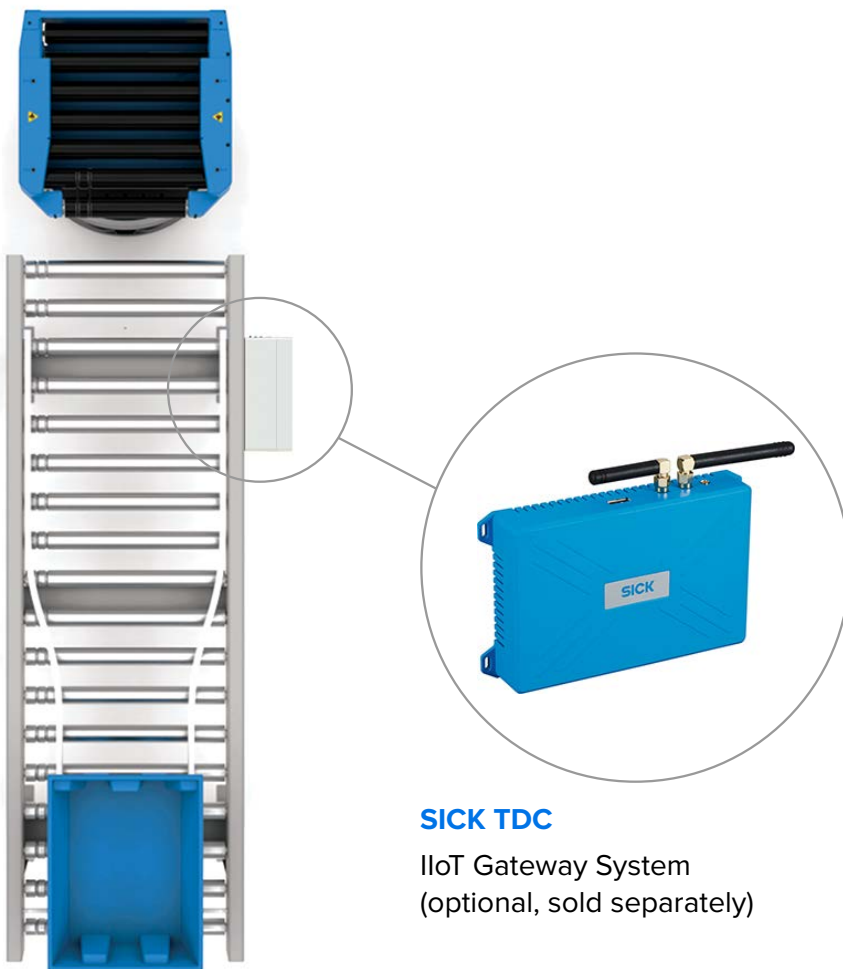
### Key Benefits

- Automated tote induct / discharge to conveyor
- Optimize worker movements
- Reclaim up to 13% of warehouse space by removing conveyors
- Extend the life of a facility by up to five years
- Speed up delivery of orders to put walls
- Lower worker dwell and wait times for robots



## SICK TDC Smart Gateway

The SICK Telematic Data Collector (optional, sold separately) is a networked industrial I/O device that serves as a bridge between the FetchCore and other industrial equipment such as conveyors, doors and air showers. Automate hand-offs between RollerTop robots and active powered conveyors by connecting a SICK TDC to any conveyor controller.



**SICK TDC**  
IIoT Gateway System  
(optional, sold separately)



## Coexist with Current Conveyor Infrastructure

Conveyor systems have dramatically increased industrial efficiency for many years. However, these fixed assets are hard to adapt to today’s ever-changing material transport requirements. Fetch Robotics’ RollerTop solution brings adaptability and increased levels of automation in these conveyor environments.

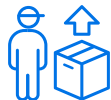


Specifications	RollerTop	RollerTop Guide
<b>Weight</b>	186.2 lb (84.5 kg) Add'l weight with riser installed: Riser 1: 5.5 lb (2.5 kg) Riser 2: 6.7 lb (3.0 kg)	201.8 lb (91.5 kg) Add'l weight with riser installed: Riser 1: 5.5 lb (2.5 kg) Riser 2: 6.7 lb (3.0 kg)
<b>Supported Conveyor Heights</b>	18.4 in–36.6 in (46.5 cm – 92.9 cm)	18 in (45.7 cm) or 22.75 in–30 in (57.8 cm–27.2 cm) in 0.25 in (6.35 mm) increments
<b>Maximum Payload</b>	Up to 176 lb (80 kg) (depends on configuration)	Up to 160 lb (73 kg) (depends on configuration)
<b>Base Footprint</b>	23.6 in (59.9 cm) length, 21.7 in (55.1 cm) width	23.6 in (59.9 cm) length, 21.7 in (55.1 cm) width
<b>Cargo Dimensions</b>	20.6 in–32.7 in (52.3 cm – 83.0 cm) (depends on riser height)	48.8 in–60.9 in (124.0 cm–154.7 cm) (depends on riser height and accessory height)
<b>Maximum Speed</b>	3.9 mph (1.75 m/s)	3.9 mph (1.75 m/s)
<b>Turning Radius</b>	Turn in place	Turn in place
<b>Nominal Continuous Runtime</b>	~9 hrs	~9 hrs
<b>Environment</b>	Indoors, ADA-compliant	Indoors, ADA-compliant
<b>Charging</b>	Autonomous docking	Autonomous docking
<b>Charge Time</b>	3 hrs to 90%	3 hrs to 90%
<b>2D Laser Sensor</b>	SICK, 82 ft (25 m), 220 degrees	SICK, 82 ft (25 m), 220 degrees
<b>3D Camera</b>	Yes (x2)	Yes (x2)

## Key Workflows



Order Picking



Assembly and QA



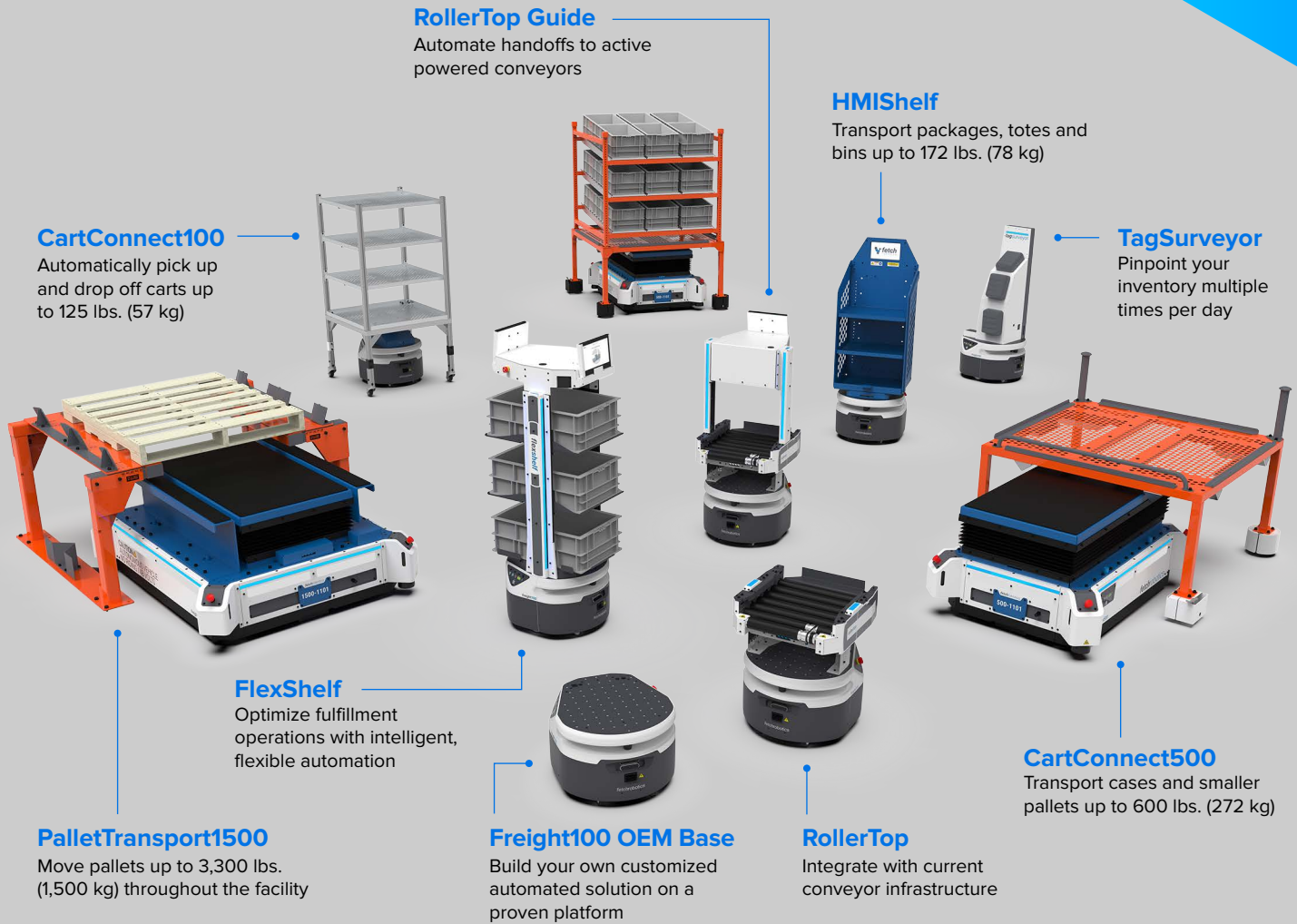
End of Line Handling



ASRS Induction



Rush Orders



**WARNING:** This product uses components which emit invisible laser radiation. Incorrect use or observing the safety laser scanner through optical instruments (such as magnifying glasses, lenses, telescopes) may be hazardous for the eyes.

Fetch Robotics AMRs carry a CE mark and meet regulatory requirements for product safety.

**ANSI/RIA R15.08** Fetch Robotics AMRs conform with R15.08 safety standards published by the RIA (Robotics Industry Association)

For more information about Zebra and Fetch's autonomous mobile robot solutions, please visit [fetchrobotics.com](https://fetchrobotics.com)



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