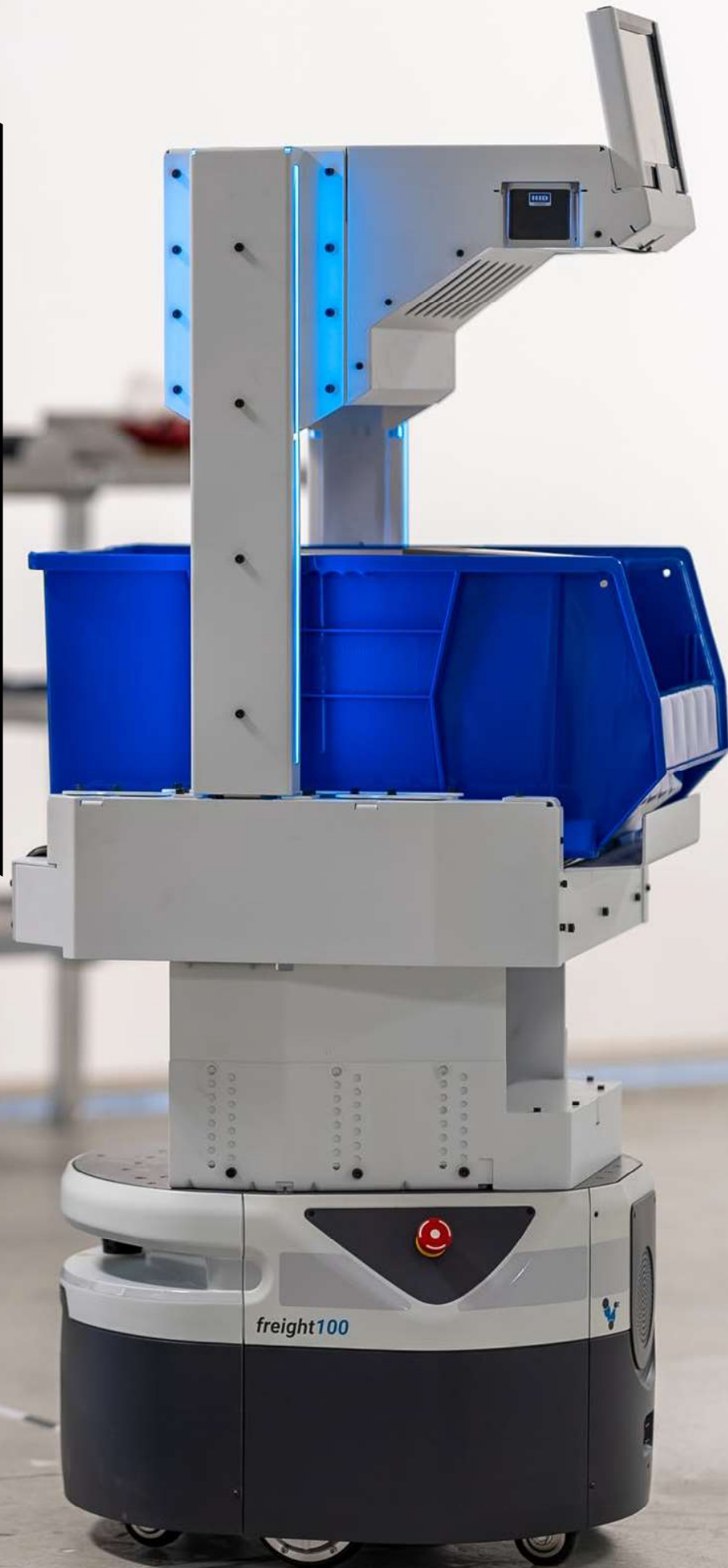


RollerTop

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

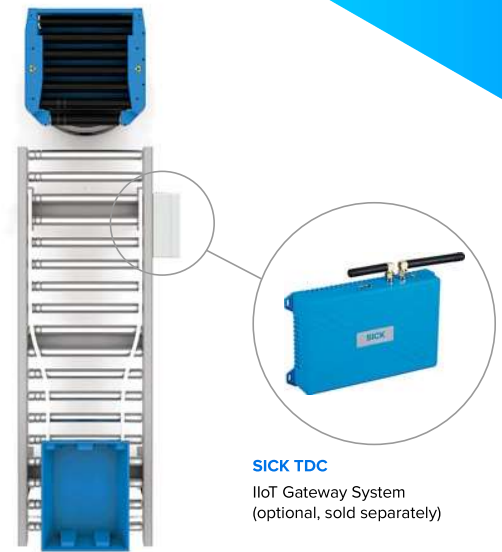


Coexist with Current Conveyor Infrastructure

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.

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.



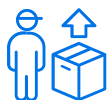
SICK TDC
IIoT Gateway System
(optional, sold separately)

Specifications	RollerTop	RollerTop Guide
Weight	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)
Supported Conveyor Heights	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
Maximum Payload	Up to 176 lb (80 kg) (depends on configuration)	Up to 160 lb (73 kg) (depends on configuration)
Base Footprint	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
Cargo Dimensions	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)
Maximum Speed	3.9 mph (1.75 m/s)	3.9 mph (1.75 m/s)
Turning Radius	Turn in place	Turn in place
Nominal Continuous Runtime	~9 hrs	~9 hrs
Environment	Indoors, ADA-compliant	Indoors, ADA-compliant
Charging	Autonomous docking	Autonomous docking
Charge Time	3 hrs to 90%	3 hrs to 90%
2D Laser Sensor	SICK, 82 ft (25 m), 220 degrees	SICK, 82 ft (25 m), 220 degrees
3D Camera	Yes (x2)	Yes (x2)

Key Workflows



Order Picking



Assembly and QA



End of Line Handling



ASRS Induction



Rush Orders