



AMR Solution Guide

Complete autonomous mobile robot (AMR) systems designed for productivity, flexibility and safety in dynamic warehouse environments



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Deploy Automation in Hours

The Fetch Cloud Robotics Platform is the only solution that deploys safe, reliable and versatile autonomous mobile robots (AMRs) in manufacturing, warehouse and distribution environments within hours. Safely transport mixed payloads up to 3,300 lbs (1,500 kg), enhance existing manual cart-based workflows, automate asset tracking with RFID technology, and more. Easily integrate controls and data from other systems and devices to create fully optimized, integrated facilities.



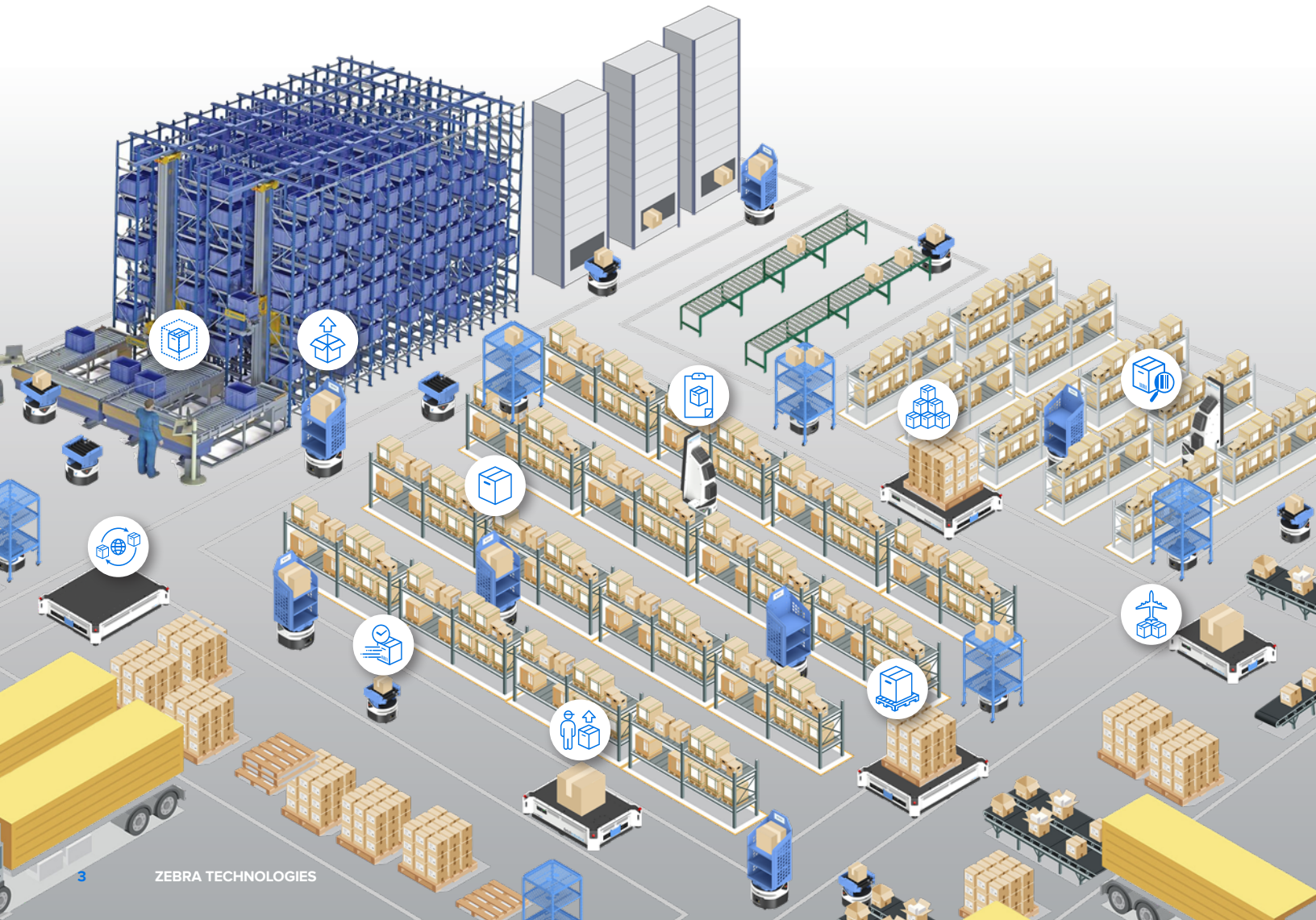
Fetch Robotics AMRs carry a CE mark and meet regulatory requirements for product safety.

RIA R15.08

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



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 Cloud Robotics Platform

The Fetch Cloud Robotics Platform integrates a comprehensive suite of software and services with the industry's broadest range of AMRs to deliver a powerful combination of on-demand warehouse automation, next-generation data collection, and unified controls and data across your entire intralogistics ecosystem.

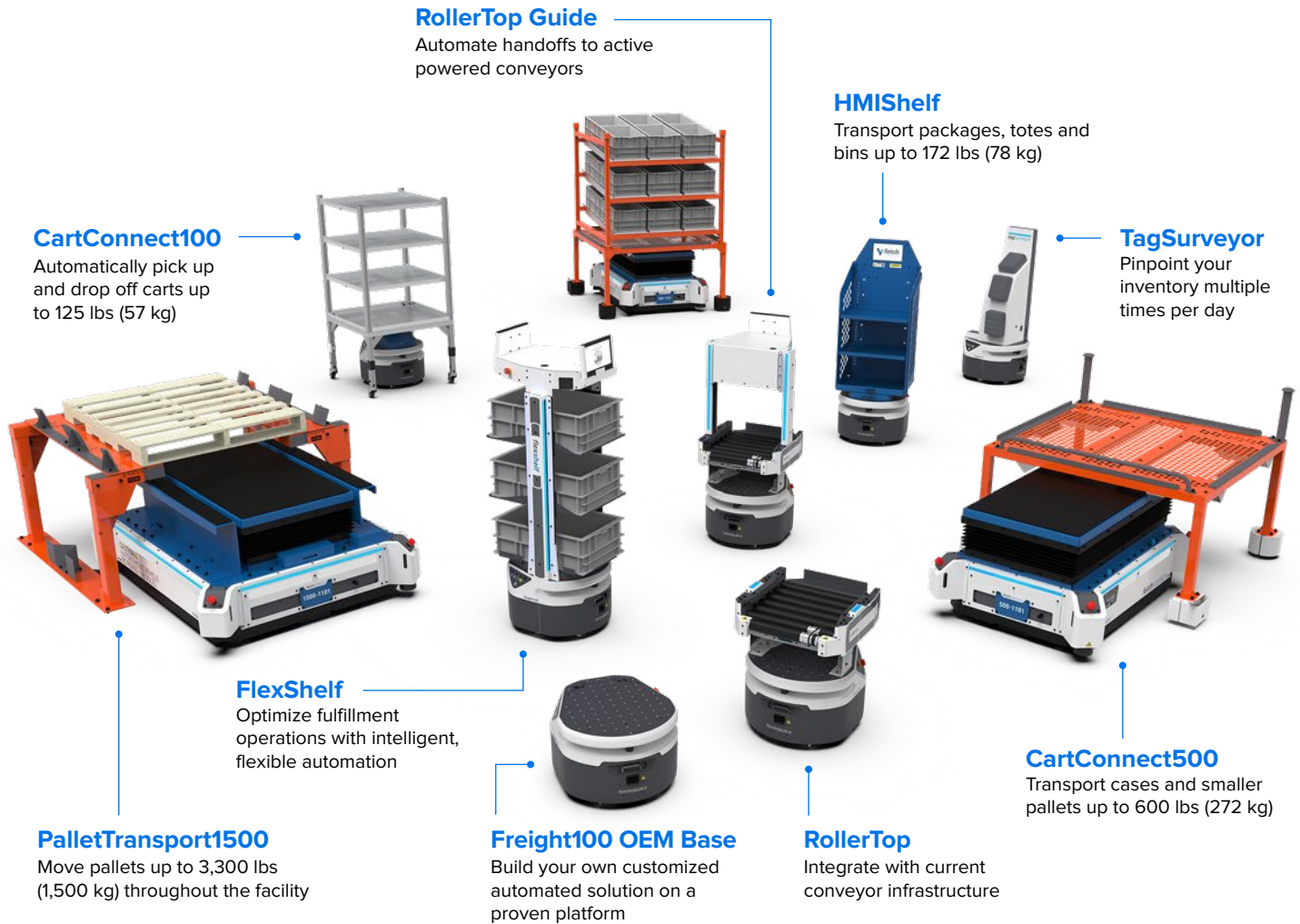
Fetch Autonomous Mobile Robots (AMRs)

Fetch has the broadest range of AMRs to find, track and move just about anything. With on-demand automation, Fetch robots can be deployed into almost any facility in just hours, with no additional warehouse or IT infrastructure changes.

FetchCore Enterprise Software and Services

FetchCore Enterprise Software and Services is the foundational platform for deploying and fully integrating a broad range of automated workflows into warehouse operations. FetchCare support is included to provide 24/7 global coverage.





Fetch Solutions for Distribution, Fulfillment and Manufacturing



Each / Case / Pallet Picking



JIT and Line Replenishment



Receiving and Putaway



ASRS / VLM Induction and Delivery



Staging and Consolidation



Cross-Docking and Long Haul



Raw Material and WIP Movements



Returns Disposition



Packaging and Material Recycling



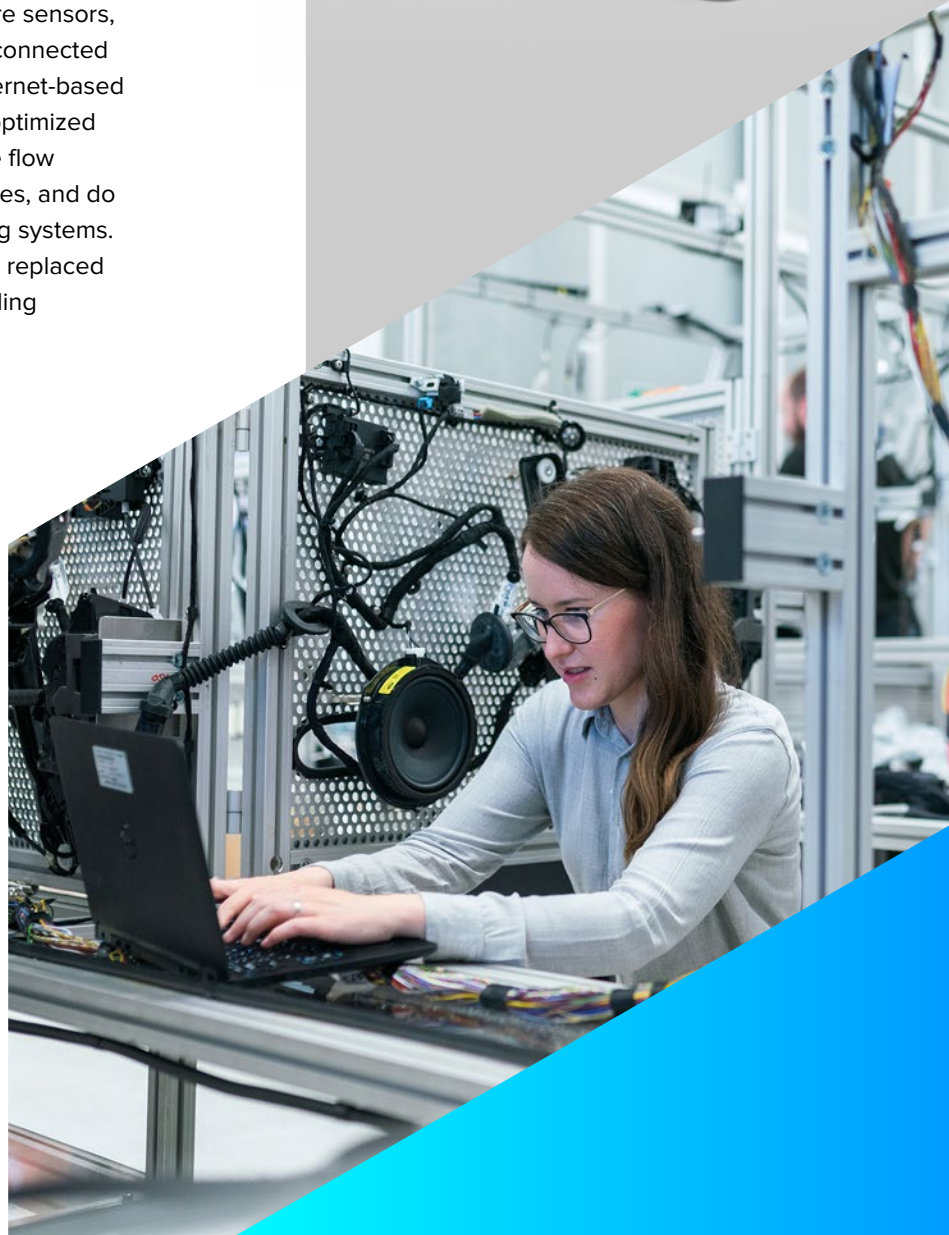
Cycle Counting and Physical Inventory

Increasing Manufacturing Productivity with AMRs

The Manufacturing Industry Is Entering a Time of Sea Change

Chronic labor shortages have plagued the manufacturing industry for years with no real end in sight. COVID-19 exacerbated this problem not only in the short term by reducing the availability of the existing workforce, but also in the long term as manufacturers need to build more resilience and flexibility into their operations by reshoring their manufacturing operations and their corresponding supply chain.

Automation, and specifically AMRs, can assist in the implementation of lean manufacturing, especially by helping remove waste from manufacturing processes. While the introduction of AMRs in isolation can assist with lean manufacturing, the true value comes from introducing AMRs as part of Smart Factory and Industry 4.0 initiatives where sensors, machines, AMRs and manufacturing systems will be connected and can interact with one another using standard Internet-based protocols. This enables production processes to be optimized and leverage fully integrated AMRs, helping to create flow between processes, remove non-value-added activities, and do this through pull-based integration with manufacturing systems. As a result, today's insular manufacturing cells will be replaced by fully automated, integrated production lines, enabling manufacturers to produce higher quality products at reduced costs.



Uncompromising Safety

The Only AMR Solution Provider That Conforms to CE and RIA R15.08

After over four years of hard work and input from hundreds of industry experts, the Robotics Industry Association (RIA) has published the new American National Standard for safety requirements for industrial mobile robots, R15.08, an important step toward common guidelines in the growing sector of mobile robotics.

To ensure a facility is using the safest equipment, you should choose AMRs that meet all aspects of the new R15.08 safety standard, meaning that all hardware (bases and modular tops) and software comply. While many AMR manufacturers today comply with the safety standard for the base robot, most have yet to conform the entire system, ensuring modular tops meet the standard as well. Both need to conform to the standard to truly address safety with the facility and allow full collaboration with humans.

At Fetch Robotics, we've worked diligently to ensure our entire commercial AMR product line not only conforms with the new R15.08 standard, but with all the requirements for CE marking as well, so that you can confidently deploy on-demand automation knowing your workforce and facility will be safe and in compliance with the latest regulations.



FlexShelf

Fulfillment Will Never Be the Same

Key Benefits

- Adjustable shelves accommodate a variety of totes, bins and boxes
- Dynamic LED lighting improves pick accuracy with put-to-light guidance
- Can be loaded and unloaded from either side
- Supports item, batch, case and pallet picking
- Integrates with existing WES and WMS installations
- Highly configurable picker interface





Specifications	FlexShelf	FlexShelf Guide	FlexShelf Guide Dual
Weight (with 2 shelves installed)	194.9 lb (88.4 kg)	200.7 lb (91.1 kg)	206.2 lb (93.5 kg)
Height	Standard: 54 in (137.1 cm) Tall: 59.3 in (150.6 cm)	Standard: 59.1 in (150 cm) Tall: 64.4 in (163.5 cm)	Standard: 59.1 in (150 cm) Tall: 64.4 in (163.5 cm)
Base Footprint	20.8 in (52.8 cm) width; 24.1 in (61.1 cm) length	20.8 in (52.8 cm) width; 24.1 in (61.1 cm) length	20.8 in (52.8 cm) width; 24.1 in (61.1 cm) length
Max Payload Weight	165 lb (75 kg)	165 lb (75 kg)	165 lb (75 kg)
Max Payload Width	16.6 in (42.2 cm)	16.6 in (42.2 cm)	16.6 in (42.2 cm)
Max Payload Length	23.8 in (60.5 cm)	23.8 in (60.5 cm)	23.8 in (60.5 cm)
Max Payload Height	Up to 34.6 in (88 cm)	Up to 34.6 in (88 cm)	Up to 34.6 in (88 cm)
Max Speed	3.9 mph (1.75 m/s)	3.9 mph (1.75 m/s)	3.9 mph (1.75 m/s)
Turning Radius	Turn in place	Turn in place	Turn in place
Continuous Runtime	~9 hrs	~9 hrs	~9 hrs
Environment	Indoors, ADA-compliant	Indoors, ADA-compliant	Indoors, ADA-compliant
Charging	Autonomous docking	Autonomous docking	Autonomous docking
Charge Time	3 hrs to 90%	3 hrs to 90%	3 hrs to 90%
2D Laser Sensor	SICK, 82 ft (25 m), 220°	SICK, 82 ft (25 m), 220°	SICK, 82 ft (25 m), 220°
3D Camera	Yes (2x)	Yes (2x)	Yes (2x)

Key Workflows



Order Picking



Batch Picking



Case Picking



Pallet Picking



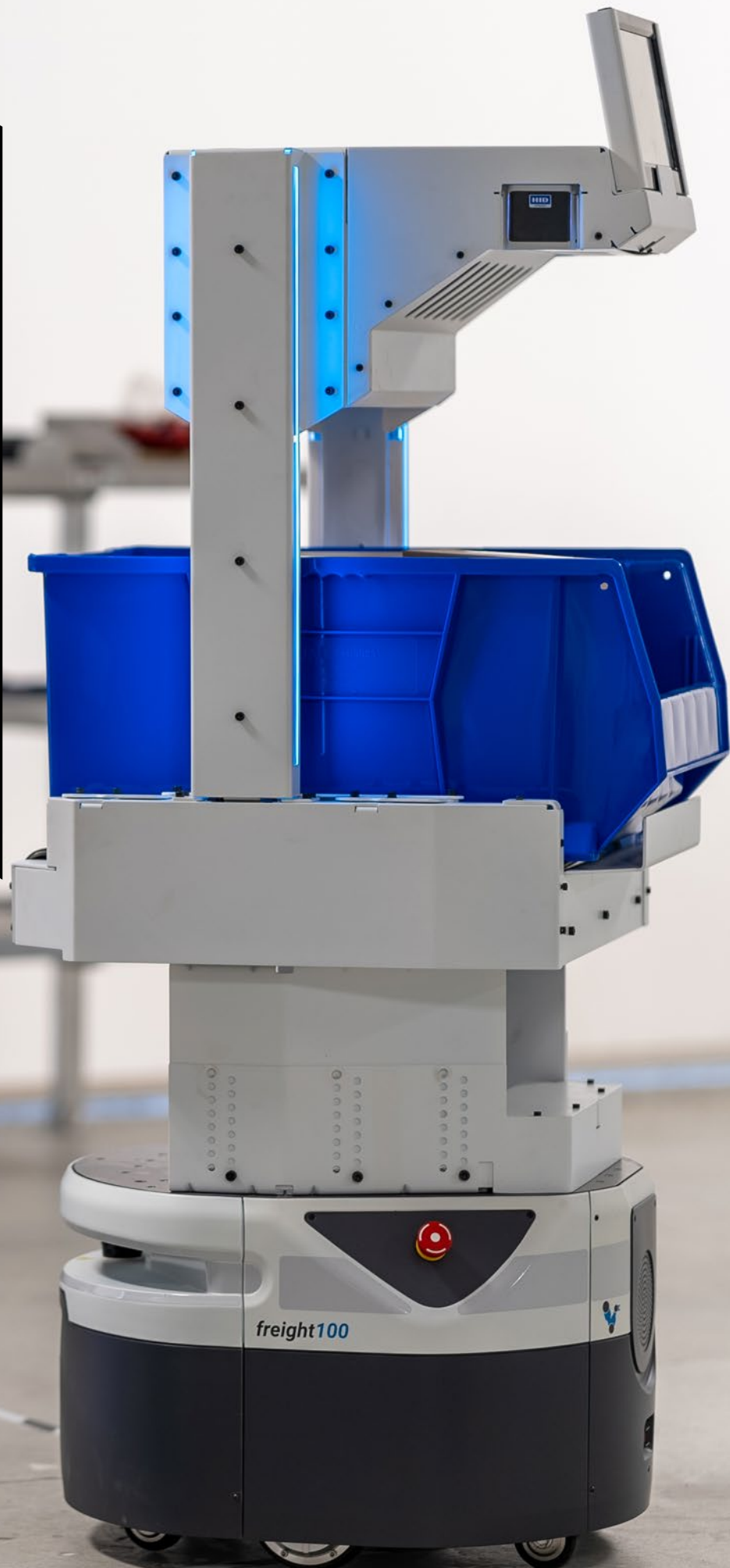
Receiving and Putaway

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

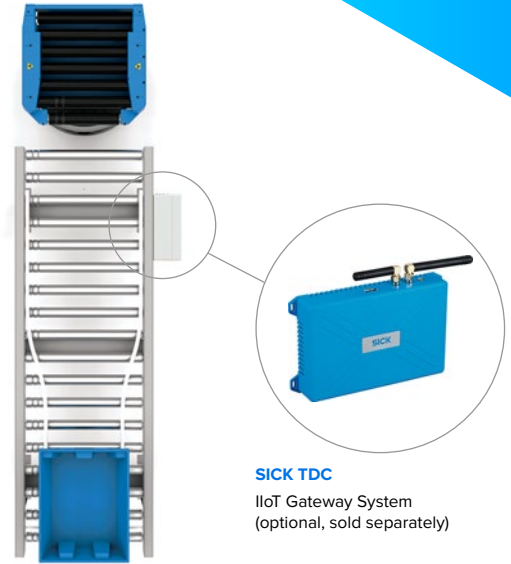


Coexist with Current Conveyor Infrastructure

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



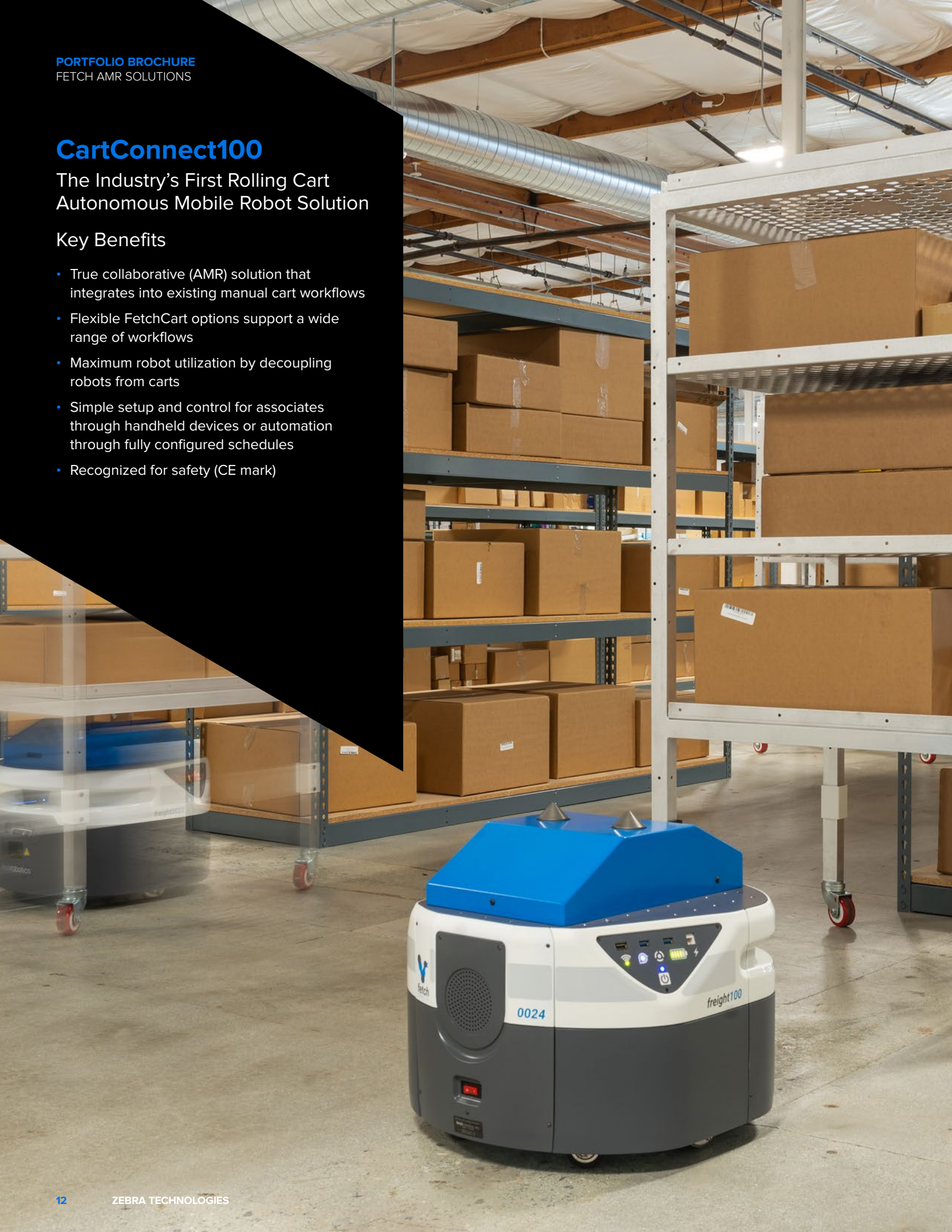
Rush Orders

CartConnect100

The Industry's First Rolling Cart
Autonomous Mobile Robot Solution

Key Benefits

- True collaborative (AMR) solution that integrates into existing manual cart workflows
- Flexible FetchCart options support a wide range of workflows
- Maximum robot utilization by decoupling robots from carts
- Simple setup and control for associates through handheld devices or automation through fully configured schedules
- Recognized for safety (CE mark)



Warehouse Carts 2.0

The CartConnect AMR system features an advanced mobile robot that can autonomously pick up and drop off FetchCarts to any location within your facility. FetchCarts are available in three sizes—Standard, Tall and a flexible cart Base option that allows you to customize the cart to suit your specific payload.



Specifications	CartConnect	FetchCart Base	FetchCart	FetchCart Tall*
Weight	163 lb (74 kg)	85 lb (38.5 kg)	75 lb (34 kg)	85 lb (38.5 kg)
Height	19.5 in (49.6 cm)	65 in (165 cm)	55.1 in (140 cm)	65 in (165 cm)
Base Footprint	20.7 in (52.7 cm) wide, 22.6 in (57.3 cm) diameter	32.7 in (83 cm) width, 32.7 in (83 cm) length	32.7 in (83 cm) width, 32.7 in (83 cm) length	32.7 in (83 cm) width, 32.7 in (83 cm) length
Shelf Width	—	32.7 in (83 cm)	32.7 in (83 cm)	32.7 in (83 cm)
Shelf Depth	—	32.7 in (83 cm)	32.7 in (83 cm)	32.7 in (83 cm)
Max Payload Weight	—	Up to 115 lb (52.5 kg)	Up to 125 lb (57 kg)	Up to 115 lb (52.5 kg)
Max Speed	3.4 mph (1.5 m/s)	—	—	—
Turning Radius	Turn in place	Turn in place	Turn in place	Turn in place
Continuous Runtime	~9 hrs	—	—	—
Environment	Indoor	Indoor	Indoor	Indoor
Charging	Autonomous docking	—	—	—
Charge Time	3 hrs to 90%	—	—	—
2D Laser Sensor	82 ft (25 m), 220 degrees (x1)	—	—	—
3D Camera	Yes (x2)	—	—	—

* Requires a risk assessment

Key Workflows



Case
Picking



Replenishment /
Putaway



Raw Material
Delivery



ASRS
Induction



E-Commerce
Fulfillment



Staging /
Consolidation

Product Spotlight

FetchCart Base

Maximize Every Payload with Custom Carts

Move More Material Types

FetchCart Base serves as the starting point for designing your own customized material transport system and applying automation creatively and efficiently throughout your facility. You can accommodate a wide variety of payloads and maximize capacity per your application requirements. FetchCart Base uses the same reliable docking mechanism as our standard FetchCarts, so CartConnect100 AMRs interface seamlessly.

Some unique applications include: detrash and dunnage removal, parts and tools delivery, replenishment of packing materials, gravity feed racks for manufacturing work cells, and many more. Please contact Fetch Robotics for detailed specifications and measurements.



HMIShelf

All-in-One Transport and Operator Interface

Key Benefits

- Quickest deployment solution
- Set up and use in hours, redeploy easily
- Ideal for small and medium payloads
- Configurable shelving for various bin, tote and package sizes
- Reduce associate travel time and increase productivity in low dwell time and high volume environments
- Simple operation with built-in, easily configured touchscreen



Transport for Packages, Totes and Bins

HMIShelf robots set the standard for commercial-ready AMRs transporting material in busy warehouse and manufacturing environments. The most advanced collaborative AMRs, like the Fetch HMIShelf robots, have the ability to plan optimal point-to-point travel while navigating around obstacles. HMIShelf robots have numerous additional enhancements to safely avoid moving obstacles such as forklifts and carts. Integrated touchscreens and adjustable shelving make HMIShelf robots an easy and flexible way to offload material transport tasks.

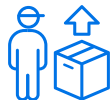
Specifications	HMIShelf
Weight	198.5 lb (90 kg)
Height	59.7 in (151.6 cm)
Base Footprint	22.6 in (57.3 cm) diameter
Shelf Width	20.5 in (52.2 cm)
Shelf Depth	16.5 in (42.1 cm)
Maximum Payload Weight	172 lb (78 kg)
Maximum Payload Height	30.0 in (76.3 cm)
Maximum Speed	3.4 mph (1.5 m/s)
Turning Radius	Turn in place
Nominal Continuous Runtime	~9 hrs
Environment	Indoor
Charging	Autonomous docking
Charge Time	3 hrs to 90%
2D Laser Sensor	82 ft (25 m), 220 degrees (x1)
3D Camera	Yes (x2)



Key Workflows



Order Picking



Assembly and QA



ASRS Induction



Rush Orders



Returns Processing

TagSurveyor

Flexible Automation Mobile
RFID Asset Tracker

Key Benefits

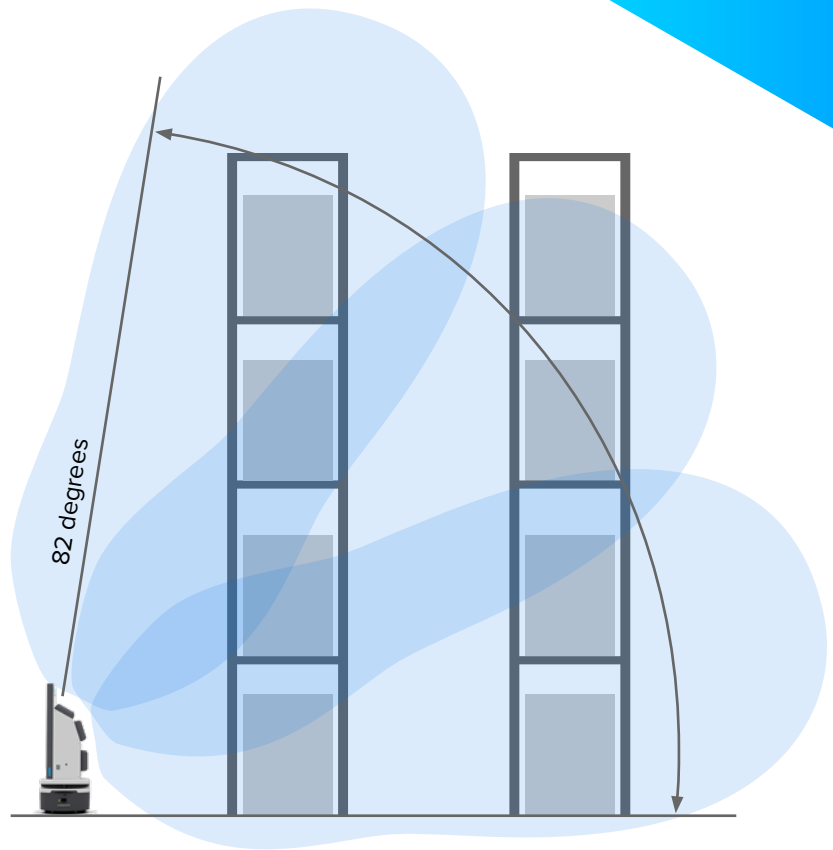
- Automated, accurate, frequent, cost-efficient cycle counting and inventory tracking
- No facility downtime during cycle counting or physical inventory
- Powerful data visualization to locate misplaced inventory
- Reporting tools provide actionable insights on discrepant inventory counts
- Perform multiple full counts per day
- Real-time accuracy
- Eliminates human error



Pinpoint Your Inventory Multiple Times per Day

Lost or misplaced inventory can cost millions of dollars in expedites, re-orders and write-offs, as well as wasted hours searching for inventory. Manual counts are time-consuming and error-prone. Tagging assets with RFID immediately improves inventory tracking, increases accuracy and saves time.

With the TagSurveyor solution, warehouses and manufacturing facilities can increase the frequency of inventory counts from once a month to multiple times a day, even with the largest operations. Facilities across both the private and public sectors use TagSurveyor to keep track of assets.



Robot Specifications	
Weight	200 lb (91 kg)
Height	4 ft 5 in (1.3 m)
Footprint	22.6 in (57.3 cm) diameter
Maximum Speed	3.4 mph (1.5 m/s)
Turning Radius	Turn in place
Runtime	~9 hrs
Environment	Indoor
Charging	Autonomous
Charge Time	3 hrs to 90%
2D Laser Sensor	82 ft (25 m), 220 degrees (x1)
3D Camera	Yes (x2)

RFID Specifications	
Output Power	Up to 4W EIRP (Equivalent Isotropic Radiated Power)
Antennas	Circular polarized antennas (x3)
Antennas Gain	4.4 dB (±1 dB)
Carrier Frequency	902.75–927.25 MHz
RFID Protocol	EPC UHF Class 1 Gen 2, ISO 18000-C
Read Range	Up to 25 ft (7.6 m)*

* Read range, coverage and sensitivity will vary based on environment, tag placement and tag density.

Key Workflows



Cycle Counting



Physical Inventory Check



Find Inventory



Asset Tag Tracking

Freight500/1500

Large and Palletized Payload Transport

Key Benefits

- Improves pallet pick and putaway by dramatically reducing manned travel
- Reduces forklift dependency, traffic and incidents
- Safe, smooth movement with zero-blind-spot sensor coverage
- High duty cycles enabled by fast charge capability



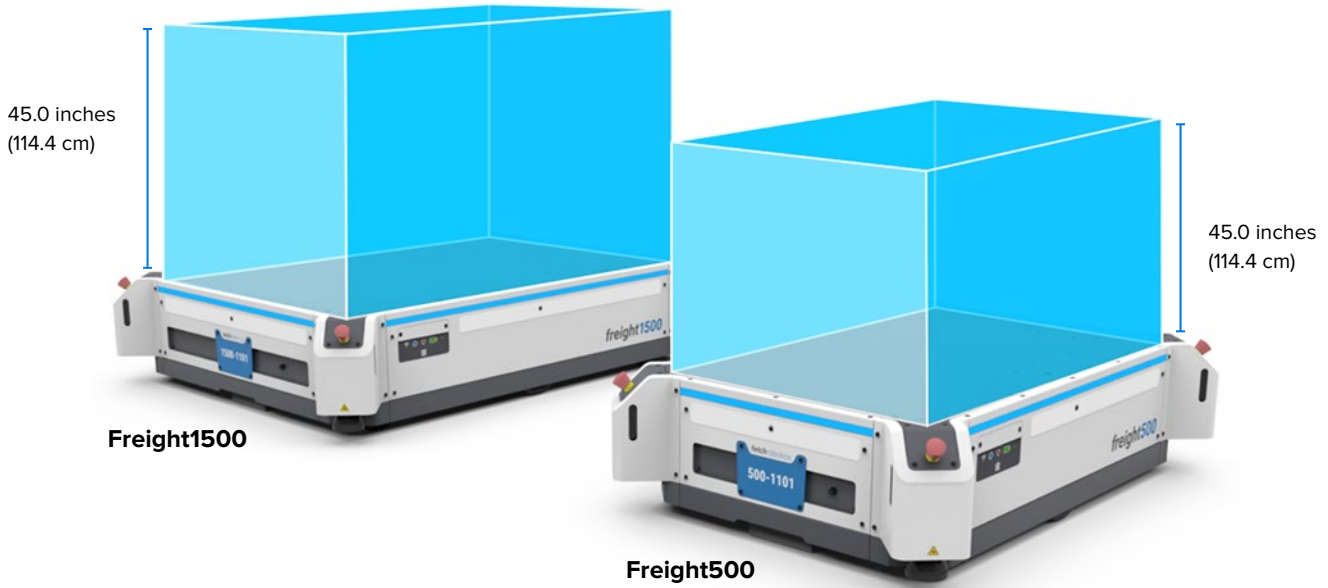
Industry-Leading Payload Capacities

The Freight500 and Freight1500 AMR bases greatly expand the possible AMR applications in industrial facilities. Freight500 handles cases and smaller pallets, while the Freight1500 handles up to U.S. standard 40 x 48 inch pallets.

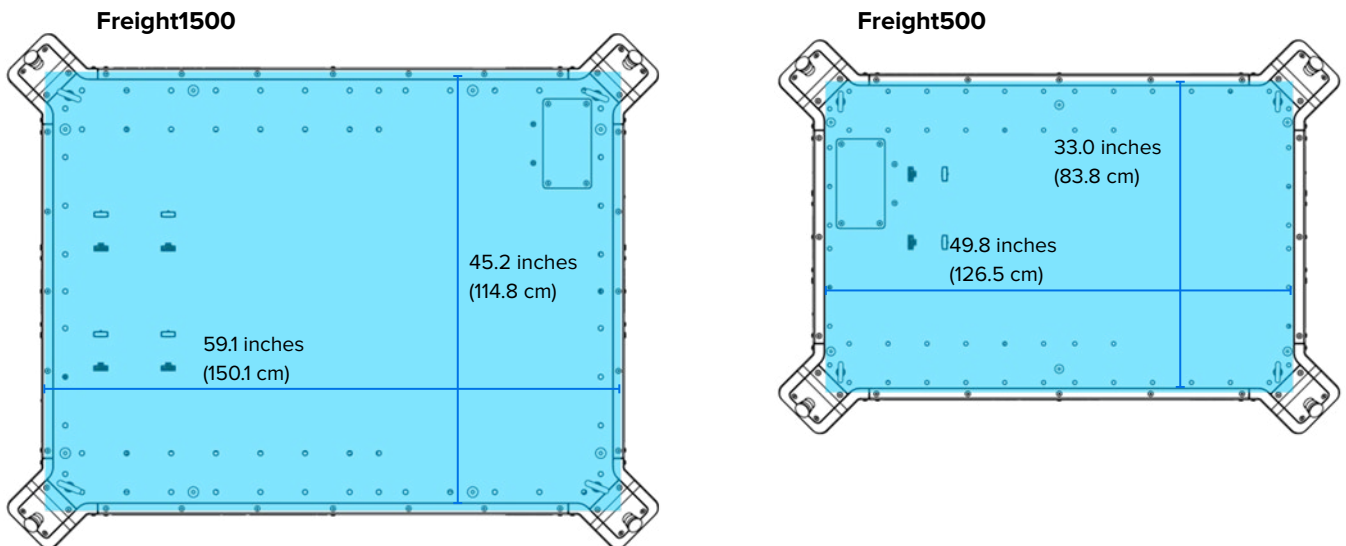
Industry-Leading Safety Features

Freight500 and Freight1500 feature Fetch Robotics' industry-leading dynamic obstacle avoidance technology as well as a certified hardware-based safety system that conforms to both CE and RIA R15.08 requirements, allowing these large AMRs to operate safely around associates and vehicles.

Freight500/1500 Max Payload Height



Freight500/1500 Max Payload Dimensions





Specifications	Freight500	Freight1500
Weight	663 lb (301 kg)	1,037 lb (471 kg)
Height	14.0 in (35.6 cm)	14.0 in (35.6 cm)
Base Footprint	40.4 in (102.5 cm) W, 57.2 in (145.2 cm) L	52.6 in (133.5 cm) W, 66.5 in (168.8 cm) L
Maximum Payload Weight	1,100 lb (500 kg)	3,300 lb (1,500 kg)
Maximum Speed	3.4 mph (1.5 m/s)	3.4 mph (1.5 m/s)
Turning Radius	Turn in place	Turn in place
Battery	Lithium iron magnesium phosphate	Lithium iron magnesium phosphate
Nominal Continuous Runtime	~9 hrs	~9 hrs
Charging	Autonomous docking	Autonomous docking
Charge Time	1 hr to 90%	1 hr to 90%
2D Laser Sensor	2x SICK, 98 ft (30 m), 275 degrees	2x SICK, 98 ft (30 m), 275 degrees
3D Camera	360 degree coverage (x8 cameras)	360 degree coverage (x8 cameras)
Audio	100 dB	100 dB
Top Plate Mounting Points	38	67
Environment	Indoor	Indoor

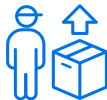
Key Workflows



Case
Picking



Pallet
Movements



Putaway



Crossdocking /
Consolidation



Packing and
Pallet Recycling

CartConnect500

Autonomous Cart Transport Solution for Large Payloads

Key Benefits

- Safely transport case goods, totes, boxes and smaller palletized loads up to 600 lb (272 kg) in dynamic warehouse environments
- Detachable, industrial-grade cart improves pick and putaway efficiency by eliminating manual travel with a pallet jack or forklift
- Case pick-to-cart with AMR pickup, delivery and drop-off
- Customize distribution and manufacturing workflows from anywhere with FetchCore cloud software
- No additional infrastructure required



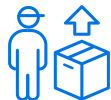


Specifications	CartConnect500	FetchCart500
Weight	1,111 lb (505 kg)	200 lb (91 kg)
Height	26.5 in (67.2 cm) with lift retracted, 32.2 in (81.8 cm) with lift extended	27.2 in (69.1 cm)
Base Footprint Length	57.2 in (145.2 cm)	59.5 in (151.1 cm)
Base Footprint Width	40.4 in (102.5 cm)	59.6 in (151.4 cm)
Cart Deck Length	—	53.4 in (135.5 cm)
Cart Deck Width	—	53.4 in (135.5 cm)
Maximum Payload Weight	800 lb (362.9 kg)	600 lb (272 kg)
Maximum Speed	3.4 mph (1.5 m/s)	—
Minimum Aisle Width	8.5 ft (2.6 m)	9.8 ft (3 m) with robot
Battery	Lithium iron magnesium phosphate	—
Nominal Continuous Runtime	~9 hrs	—
Charging	Autonomous docking	—
Charge Time	1 hr to 90%	—
2D Laser Sensor	2x SICK, 98 ft (30 m), 275 degrees	—
3D Camera	360 degree coverage (x8 cameras)	—
Audio	100 dB	—

Key Workflows



Case
Picking



Replenishment /
Putaway



Raw Material
Delivery



ASRS
Induction



E-Commerce
Fulfillment



Staging /
Consolidation

PalletTransport1500

Automate Pallet Movements
Throughout the Facility

Key Benefits

- Safely transport full pallets up to 48 x 48 inches (122 x 122 cm) with 2,500 lbs (1,134 kg) capacity in dynamic warehouse environments
- Eliminate manual travel with a pallet jack or forklift and increase safety by automating putaway, replenishment, crossdocking, returns and more
- Case pick-to-robot with AMR pickup, delivery and drop-off using Pallet Transfer Station
- Customize distribution and manufacturing workflows from anywhere with FetchCore cloud software





Specifications

Weight	1,759 lb (798 kg)	Charging	Autonomous docking
Height with Lift Retracted	26.5 in (67.2 cm)	Charge Time	1 hr to 90%, plus 3 hrs for remaining 10%
Height with Lift Extended	32.2 in (81.8 cm)	2D Laser Sensors	2x SICK, 98 ft (30 m), 275 degrees
Width	52.6 in (133.5 cm)	3D Depth Cameras	8x cameras, 360 degree coverage
Length	66.5 in (168.8 cm)	Robot Visibility	Illuminated LED band
Max Pallet Dimensions	48 in x 48 in (121.9 cm x 121.9 cm)	Wireless	Integrated 802.11ac & 802.15.1 (Bluetooth® 4.0)
Max Payload Weight	2,500 lb (1,136 kg)	Audio	100 dB maximum
Max Speed	3.35 mph (1.5 m/s)	Environment	Indoor, ADA compliant
Turning Radius	Turn in place	Min Aisle Width at Max Speed (1.5 m/s)	113.8 in (289 cm)
Battery	4x Lithium iron magnesium phosphate	Min Aisle Width at Min Speed (0.3 m/s)	93.3 in (237 cm)
Nominal Continuous Runtime	~9 hrs	Min Aisle Width for a 2-Robot Lane	227.6 in (578 cm)

Key Workflows

Distribution and Fulfillment



Putaway

Transport pallets from receiving docks to storage



Replenishment

Transport cases and pallets from storage to forward picking



Case Picking

Build mixed pallets, transport to stretch wrap and shipping



Detrash

Remove gaylords and containers for collected corrugated, dunnage



Crossdocking

Transport pallets directly from inbound to outbound shipments



Returns

Sort returned items to pallets and transfer to dispositioning

Manufacturing



Kitting and Sequencing

Build kits from raw and send to the production line



Lineside Delivery

Issue raw materials to assembly lines or work cells in bulk



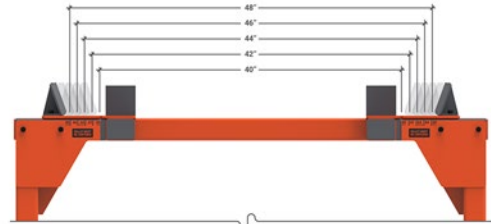
End of Line Handling

Transport finished goods from production to storage or shipping



Product Spotlight

Pallet Transfer Station



Pallet Transfer Station Specifications

Height	30.6 in (77.8 cm)
Width	66.5 in (168.9 cm)
Depth	59 in (149.9 cm)

Width and Depth Adjustment Range

Width	40 in (101.6 cm), 42 in (106.7 cm), 44 in (111.8 cm), 46 in (116.8 cm), 48 in (121.9 cm)
Depth	40 in (101.6 cm), 42 in (106.7 cm), 44 in (111.8 cm), 46 in (116.8 cm), 48 in (121.9 cm)



Minimum Space Requirements

Total Area Width	115.7 in (293.8 cm)
Total Area Length	190.5 in (483.9 cm)



Spacing for Multiple Stations

Keep Clear Area (Left and Right)	24.9 in (62.5 cm)
Spacing in Between Stations	49.2 in (125 cm)

Optimize Material Handling with Cloud Robotics and FulfillmentEdge by Zebra

Gain a Competitive Edge with Zebra and Fetch

The new on-demand economy is placing pressure on warehouses all around the world—translating into more orders to fulfill, faster than ever.

Zebra's FulfillmentEdge is a completely new and smart approach to warehousing that wraps around and modernizes your current WMS—without upgrades, backend changes or disrupting your current operations. The combined power of Fetch AMRs and Zebra FulfillmentEdge software optimizes picking across multiple orders while dynamically orchestrating workers and robots.

This allows your existing workforce to pick up to 24% more orders, along with a 90% reduction in onboarding and training time. By integrating with Fetch AMRs, you can achieve up to 78% improvement in productivity by automating long-haul material transport, including piece, case and pallet picking workflows.

Get the most out of every step that every worker takes to maximize productivity and throughput in your warehouse with FulfillmentEdge and Fetch Robotics.



Zebra FulfillmentEdge™

Pick faster and more efficiently through optimized pick paths across multiple orders



Transform unnecessary human material movement time into productive picking time

Partner Spotlight

K.Motion Warehouse
Advantage

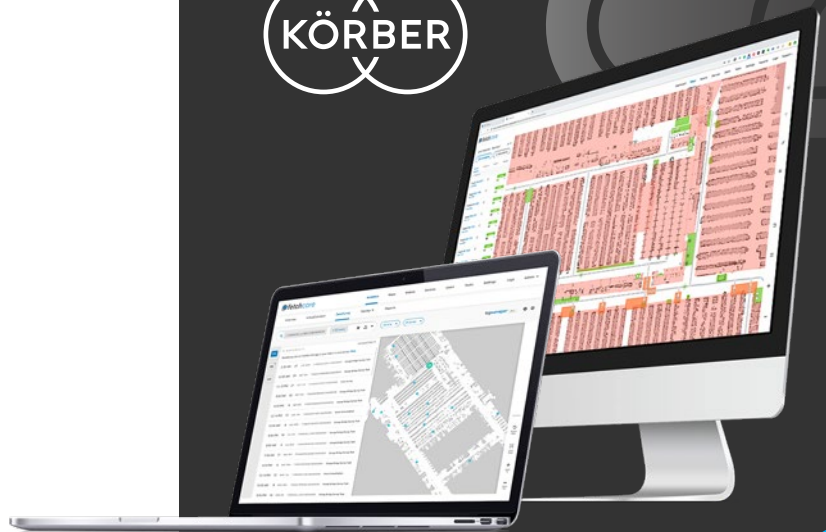


Optimize Material Handling with Cloud Robotics and Warehouse Advantage by Körber

Körber and Fetch Have the Advantage

Supply chains are becoming increasingly complex. Along with more products, suppliers and distribution channels to meet heightening consumer expectations, businesses are faced with global labor challenges. New and emerging technologies, such as robotics, can help. However, many businesses struggle with implementation, integration, maintenance, training and costs. Together, Körber and Fetch overcome these challenges.

Through integration with Körber's warehouse management systems, innovating customers looking to keep up with explosive e-commerce demand can enable voice-directed, AMR-assisted collaboration to enhance fulfillment, picking, replenishment and beyond. The result is a truly flexible automation platform—providing immediate value by simplifying operations, maximizing productivity and making the most of capacity.



Partner Spotlight

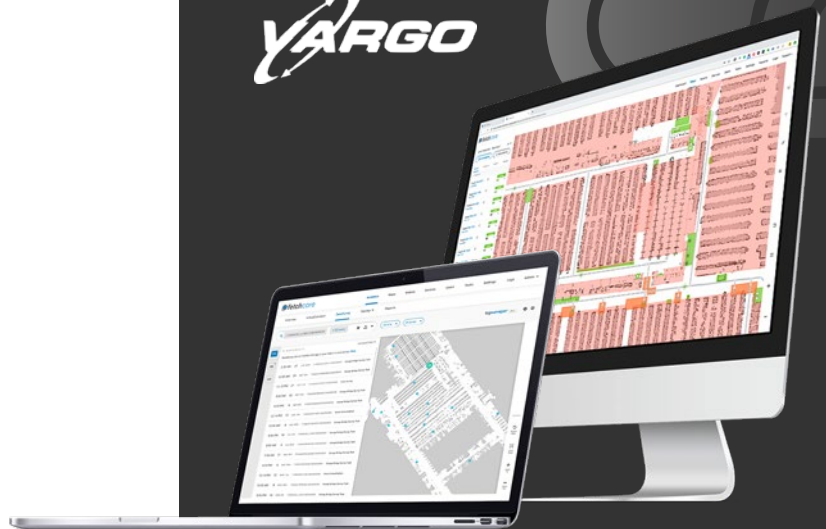


Optimize Material Handling with Cloud Robotics and COFE by VARGO

The Future of E-Commerce Fulfillment

The growth of e-commerce and omnichannel fulfillment has pushed companies to optimize their order fulfillment processes to gain efficiencies and to do so with more speed and accuracy. This trend has been further accelerated by COVID-19, which has placed additional strain on distribution centers to increase throughput while keeping employees socially distanced.

The combined solution from Fetch and VARGO® enables a single system to provide optimized piece, batch and case picking workflows with payloads up to 1½ tons (1,360 kg) for e-commerce, retail distribution and omnichannel operations. The COFE® WES is the only WES that controls all the processes that take place inside a distribution center, from material handling equipment to the devices, people and processes. COFE's "pull-based" fulfillment optimization can yield efficiency gains of over 30% compared to sites driven by traditional "waved/push-based" warehouse management systems. When combined with Fetch's AMRs, COFE can offer further efficiency gains by allowing workers to spend more time picking as opposed to manually moving material throughout a facility and can use insights about overall warehouse operations to improve robot workflows.



About fetchrobotics

Fetch Robotics is an award-winning intralogistics automation company headquartered in Silicon Valley. We provide innovative, on-demand automation solutions for material handling and inventory management by combining mobile robotics with the power of the cloud to find, track and move almost anything in any facility. Fetch Robotics' solutions and services are deployed in leading distribution, fulfillment and manufacturing centers around the world, augmenting workforces to drive increased efficiency and productivity.



IEEE Robotics and Automation Award
for Product Innovation 2020



Best Overall Robotics
Company 2020

FAST COMPANY

World's Most Innovative
Companies 2019



Most Successful & Innovative
Supply Chain Projects 2019



Technology Pioneer 2018



Top 25 Supply Chain Startups
2017



Innovation Award 2016



IDC Innovators for Warehouse
Robotics 2016



Discover How Cloud Robotics Can Work for You
Visit fetchrobotics.com for more information.



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