

Zebra Robotics Automation™

Fetch100 Shelf AMR

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



Fetch100 Shelf

All-in-One Transport
and Operator Interface

Key Benefits

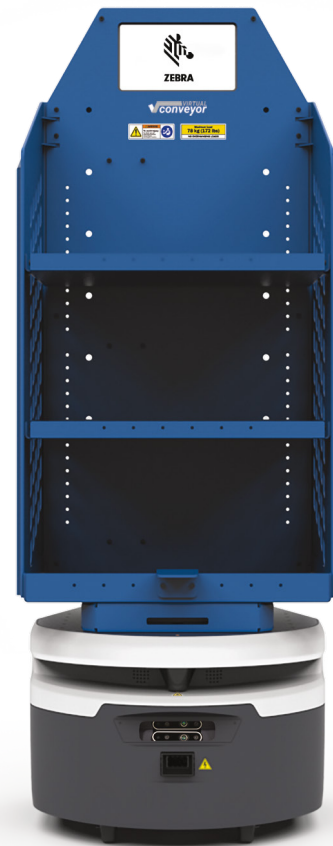
- Quickest deployment solution
- Set up and use in hours, redeploy easily
- Ideal for small and medium payloads
- Configurable shelving for various bin, tote and package sizes
- Reduce associate travel time and increase productivity in low dwell time and high volume environments
- Simple operation with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



Transport for Packages, Totes and Bins

Fetch100 Shelf robots set the standard for commercial-ready AMRs transporting material in busy warehouse and manufacturing environments. The most advanced collaborative AMRs, like the Zebra Fetch100 Shelf robots, have the ability to plan optimal point-to-point travel while navigating around obstacles. Fetch100 Shelf robots have numerous additional enhancements to safely avoid moving obstacles such as forklifts and carts. Integrated touchscreens and adjustable shelving make Fetch100 Shelf robots an easy and flexible way to offload material transport tasks.

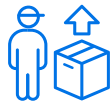
Specifications	Fetch100 Shelf
Weight	198.5 lbs. (90 kg)
Height	59.7 in. (151.6 cm)
Base Footprint	22.6 in. (57.3 cm) diameter
Shelf Width	20.5 in. (52.2 cm)
Shelf Depth	16.5 in. (42.1 cm)
Maximum Payload Weight	172 lbs. (78 kg)
Maximum Payload Height	30.0 in. (76.3 cm)
Maximum Speed	3.9 mph (1.75 m/s)
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° (x1)
3D Camera	Yes (x2)
CE, ANSI/RIA R15.08, and UKCA compliant	



Key Workflows



Order Picking



Assembly and QA



ASRS Induction

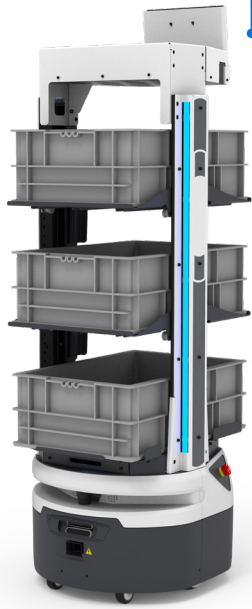


Rush Orders



Returns Processing





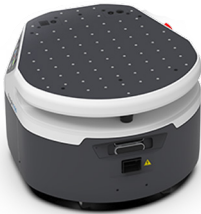
Fetch100 Flex Series

Optimize fulfillment operations with intelligent, flexible automation



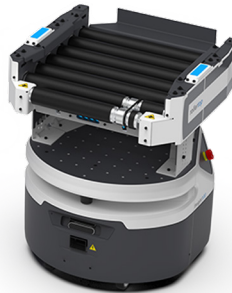
Fetch100 Connect

Automatically pick up and drop off carts up to 125 lbs. (57 kg)



Fetch100 OEM Base

Build your own customized automated solution on a proven platform



Fetch100 Roller

Integrate with current conveyor infrastructure



Fetch100 Shelf

Transport packages, totes and bins up to 172 lbs. (78 kg)



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.



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

ANSI/RIA R15.08

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

NOTE: Product appearance is subject to change

Discover how Zebra Robotics Automation can work for you—
scan or click the QR code for more information



Premier
Solution Partner
Mobile Robotics Specialist