

TagSurveyor AMR

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



TagSurveyor

Flexible Automation Mobile
RFID Asset Tracker

Key Benefits

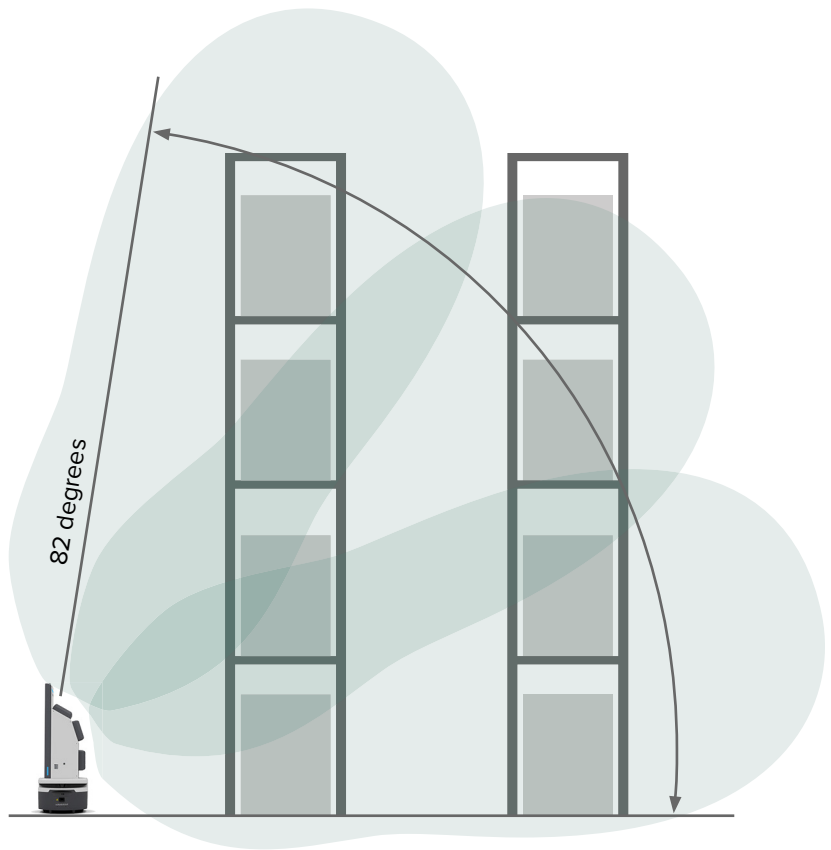
- Automated, accurate, frequent, cost-efficient cycle counting and inventory tracking
- No facility downtime during cycle counting or physical inventory
- Powerful data visualization to locate misplaced inventory
- Reporting tools provide actionable insights on discrepant inventory counts
- Perform multiple 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

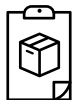
Weight	200 lb (91 kg)
Height	4 ft 5 in (1.3 m)
Footprint	22.6 in (57.3 cm) diameter
Maximum Speed	3.4 mph (1.5 m/s)
Turning Radius	Turn in place
Runtime	~9 hrs
Environment	Indoor
Charging	Autonomous
Charge Time	3 hrs to 90%
2D Laser Sensor	82 ft (25 m), 220 degrees (x1)
3D Camera	Yes (x2)

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



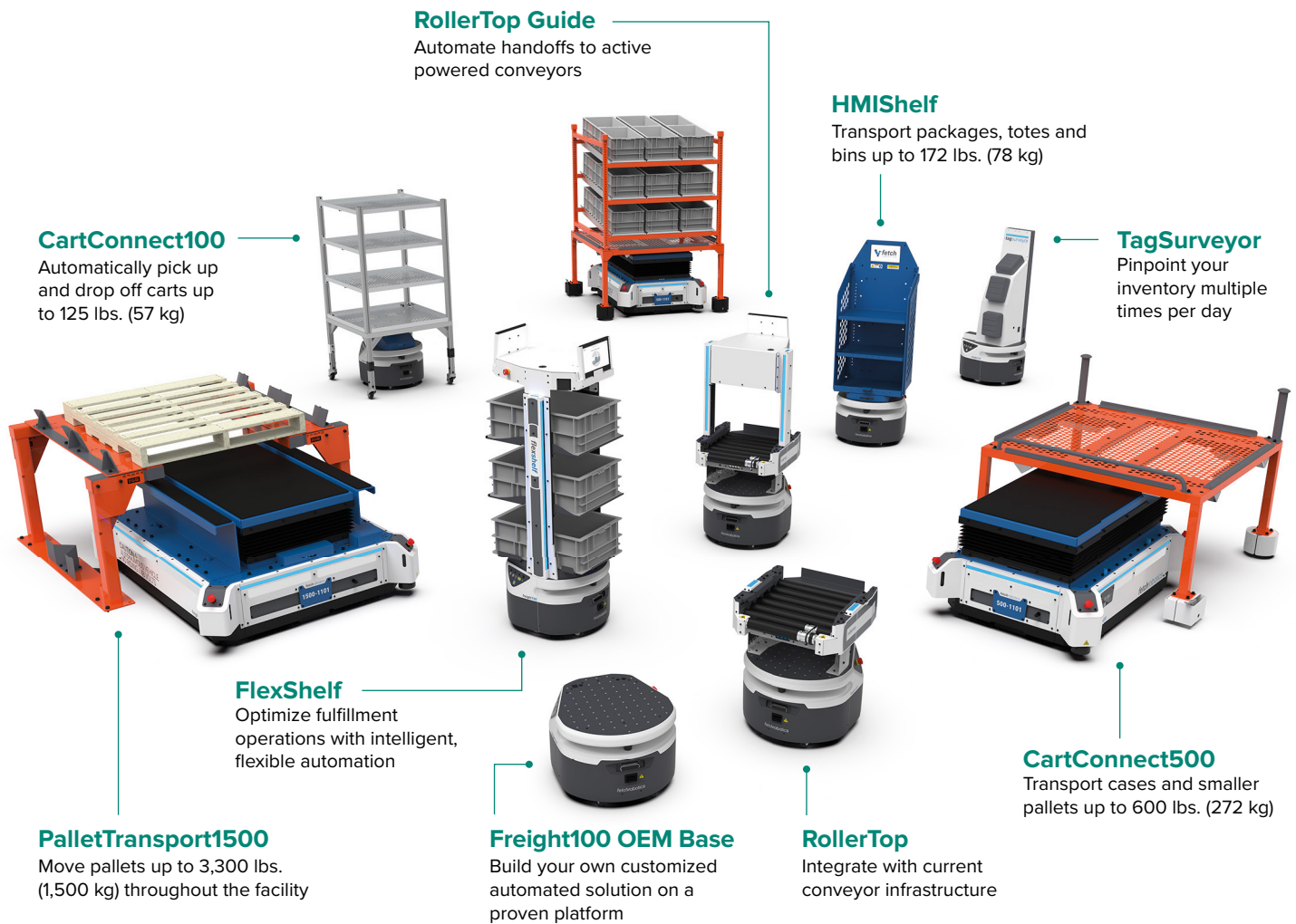
Physical Inventory
Check



Find
Inventory



Asset Tag
Tracking



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

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