

## CartConnect500 AMR

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



## CartConnect500

### Autonomous Cart Transport Solution for Large Payloads

#### Key Benefits

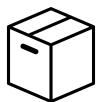
- Safely transport case goods, totes, boxes and smaller palletized loads up to 600 lb (272 kg) in dynamic warehouse environments
- Detachable, industrial-grade cart improves pick and putaway efficiency by eliminating manual travel with a pallet jack or forklift
- Case pick-to-cart with AMR pickup, delivery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



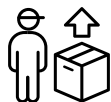


Specifications	CartConnect500	FetchCart500
<b>Weight</b>	1,111 lb (505 kg)	200 lb (91 kg)
<b>Height</b>	26.5 in (67.2 cm) with lift retracted, 32.2 in (81.8 cm) with lift extended	27.2 in (69.1 cm)
<b>Base Footprint Length</b>	57.2 in (145.2 cm)	59.5 in (151.1 cm)
<b>Base Footprint Width</b>	40.4 in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

## Key Workflows



Case  
Picking



Replenishment /  
Putaway



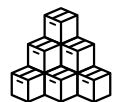
Raw Material  
Delivery



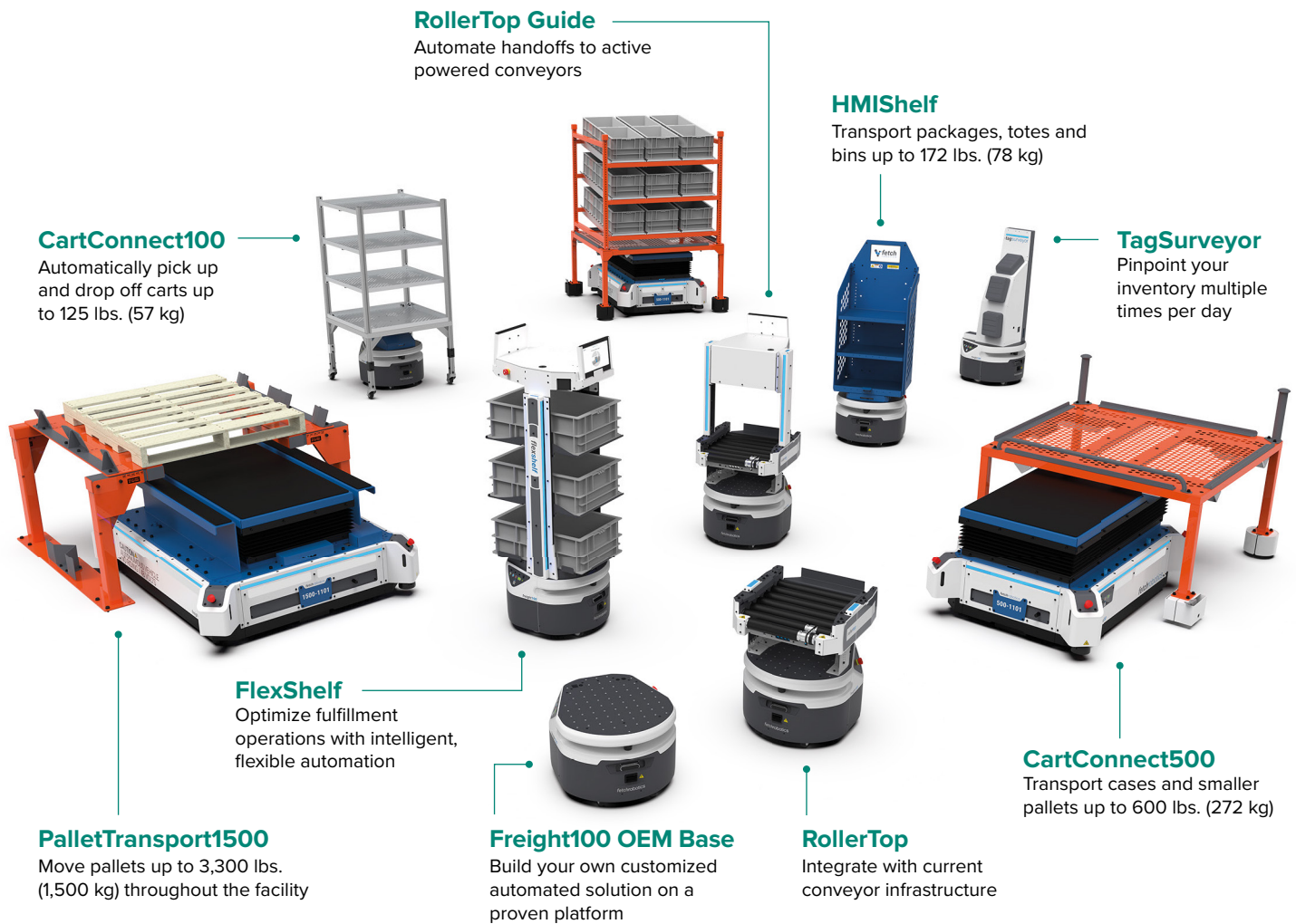
ASRS  
Induction



E-Commerce  
Fulfillment



Staging /  
Consolidation



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)

Andreas Laubner GmbH  
ROENTGENSTR 4, MAXDORF, 67133, Germany  
<https://laubner.com/>  
06237924380



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