



CartConnect500 AMR

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

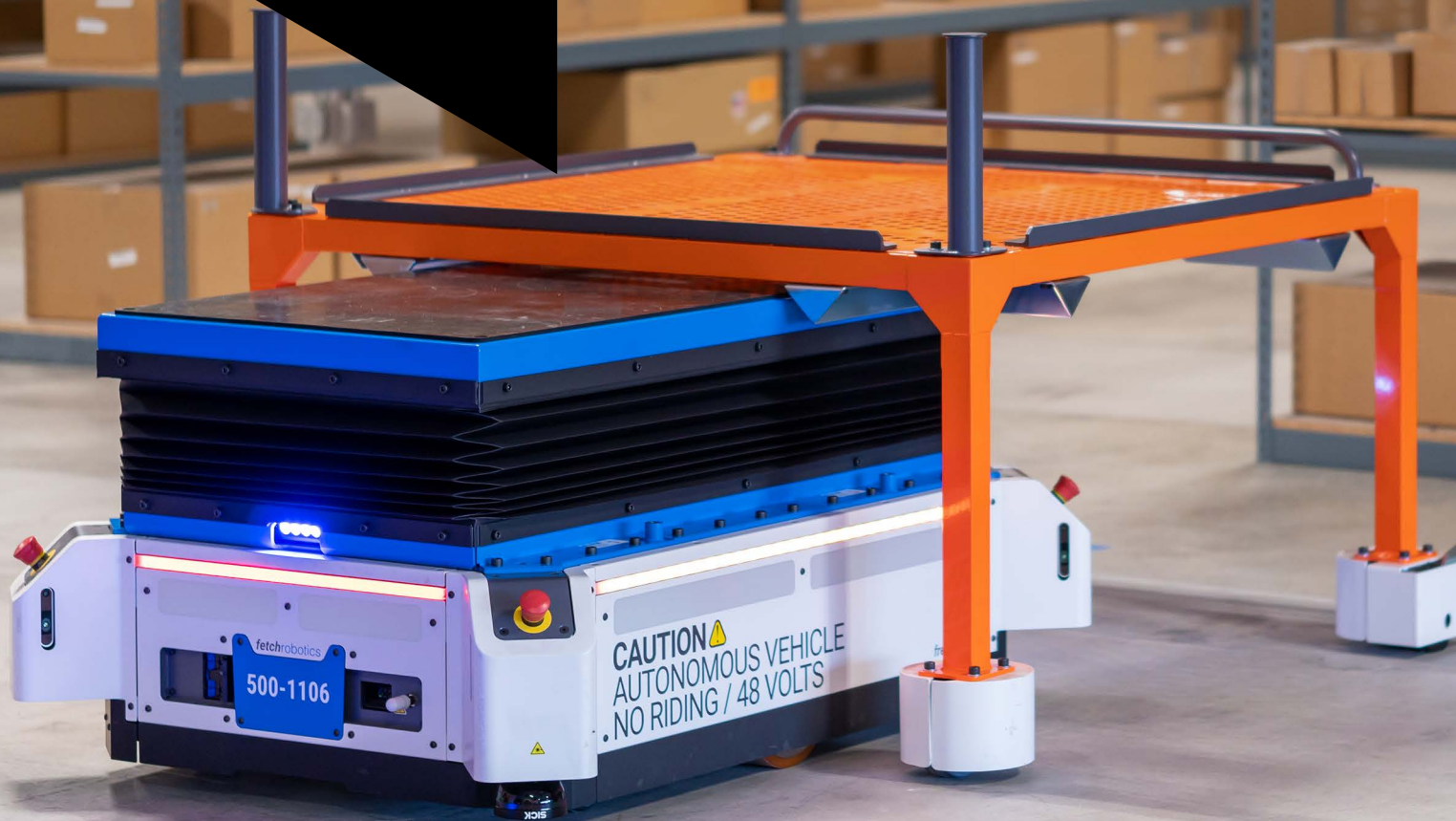


CartConnect500

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



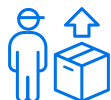


Specifications	CartConnect500	FetchCart500
Weight	1,111 lb (505 kg)	200 lb (91 kg)
Height	26.5 in (67.2 cm) with lift retracted, 32.2 in (81.8 cm) with lift extended	27.2 in (69.1 cm)
Base Footprint Length	57.2 in (145.2 cm)	59.5 in (151.1 cm)
Base Footprint Width	40.4 in (102.5 cm)	59.6 in (151.4 cm)
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



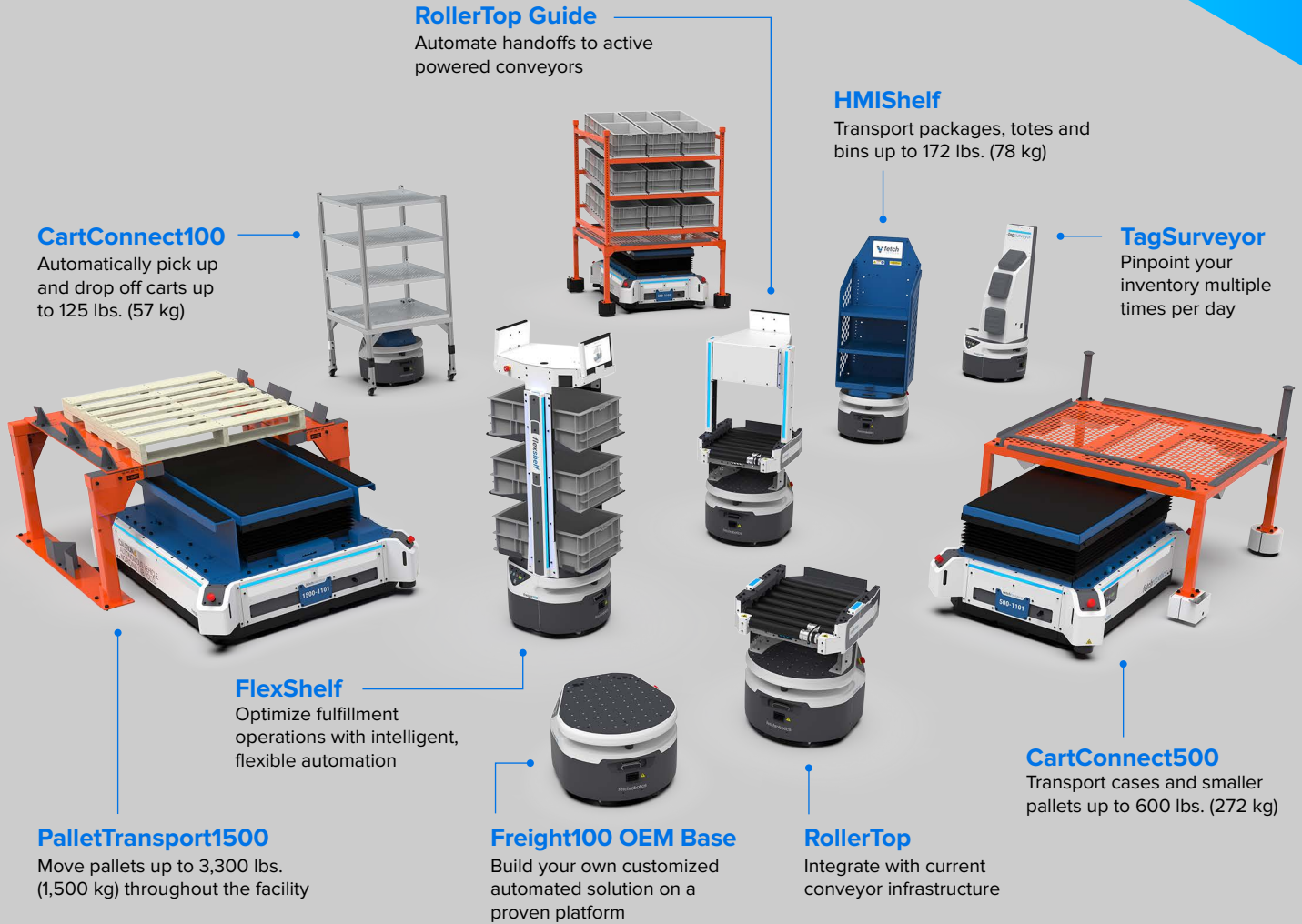
ASRS Induction





E-Commerce Fulfillment



Staging / Consolidation



 **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)



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