cartconnect500

Autonomous Cart Transport Solution for Large Payloads

fetch cloud robotics platform

Key Benefits

- Safely transport case goods, totes, boxes, and smaller palletized loads up to 500 lbs 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 Autonomous Mobile Robot (AMR) pickup, delivery, and drop off
- Customize distribution & manufacturing workflows from anywhere with FetchCore™ cloud software
- No additional infrastructure required

CartConnect500 is part of the Fetch Cloud Robotics Platform, a flexible automation solution that maximizes productivity with the widest range of payload capacities for a diverse set of warehouse and manufacturing workflows. Leading 3PLs, manufacturers, and retailers rely on the Fetch Cloud Robotics Platform to enable on-demand automation, instantly deploying, modifying, and scaling unmanned travel as needed.

Barcodes

Phone: 800.351.9962
Email: learnmore@barcodesinc.com
www.BarcodesInc.com
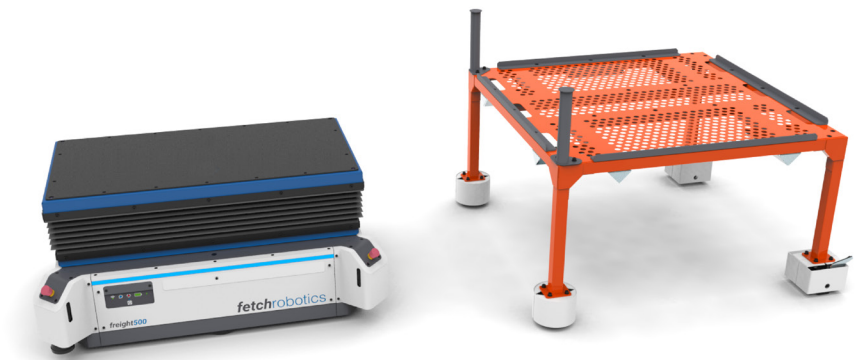
Specifications	cartconnect500	fetchcart 500
Weight	267kg (589lbs)	91kg (200lbs)
Height	67cm (26.4in) with lift retracted, 82.4cm (32.4in) with lift extended	74.3cm (29.3in)
Base Footprint Length	101.4cm (40in)	150.7cm (59.3in)
Base Foorprint Width	144.1cm (56.7in)	150.7cm (59.3in)
Cart Deck Length	-	135.8cm (53.5in)
Cart Deck Width	-	135.8cm (53.5in)
Maximum Payload Weight	318kg (700lbs)	227kg (500lbs)
Maximum Speed	1.5m/s (3.4mph)	-
Minimum Aisle Width	2.6m (8.5ft)	3m (9.8ft) with robot
Battery	Lithium Iron Magnesium Phosphate	-
Nominal Continuous Runtime	~9hrs	-
Charging	Autonomous Docking	-
Charge Time	1hr to 90%	-
2D Laser Sensor	40m (131ft), 360 degree coverage	-
3D Camera	360 degree coverage (x8 cameras)	-
Audio	100dB	-

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
CERTIFIED SOLUTION PROVIDER

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