

hmishelf

All-In-One Transport & 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, increase productivity in low dwell time and high volume environments
- Simple operation with built-in, easily configured touchscreen

fetchcore



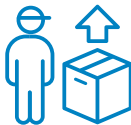
fetch cloud robotics platform

HMIShelf 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.

KEY WORKFLOWS



Order Picking



Assembly & QA



ASRS Induction



Rush Orders

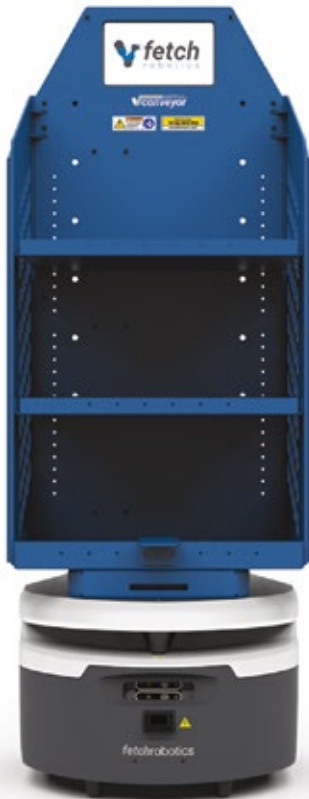


Returns Processing

Transport for Packages, Totes, and Bins

HMIShelf robots set the standard for commercial ready autonomous mobile robots (AMRs) transporting material in busy warehouse and manufacturing environments. The most advanced collaborative AMRs, like the Fetch HMIShelf robots, have the ability to plan optimal point-to-point travel while

navigating around obstacles. HMIShelf robots have numerous additional enhancements to safely avoid moving obstacles such as forklifts and carts. Integrated touch screens and adjustable shelving make HMIShelf robots an easy and flexible way to offload material transport tasks.



Specifications

hmishelf

| | |
|----------------------------|--|
| Weight | 90kg (198.5lbs) |
| Height | 129.9cm (51in) |
| Base Footprint | 57.3cm (22.6in) diameter |
| Shelf Width | 51.5cm (20.3in) |
| Shelf Depth | 41.8cm (16.5in) |
| Maximum Payload Weight | 78kg (172lbs) |
| Maximum Payload Volume | 0.2m ³ (7.15ft ³) |
| Maximum Speed | 1.5m/s (3.4mph) |
| Turning Radius | Turn in place |
| Nominal Continuous Runtime | ~9hrs |
| Environment | Indoor |
| Charging | Autonomous Docking |
| Charge Time | 3hrs to 90% |
| 2D Laser Sensor | 25m (82ft), 220 degrees (x1) |
| 3D Camera | Yes (x2) |



Fetch Robotics' HMIShelf carries a CE mark and meets regulatory requirements for product safety.



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.

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