

HMIShelf

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



Transport for Packages, Totes and Bins

HMIShelf robots set the standard for commercial-ready 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 touchscreens and adjustable shelving make HMIShelf robots an easy and flexible way to offload material transport tasks.

Specifications	HMIShelf
Weight	198.5 lb (90 kg)
Height	59.7 in (151.6 cm)
Base Footprint	22.6 in (57.3 cm) diameter
Shelf Width	20.5 in (52.2 cm)
Shelf Depth	16.5 in (42.1 cm)
Maximum Payload Weight	172 lb (78 kg)
Maximum Payload Height	30.0 in (76.3 cm)
Maximum Speed	3.4 mph (1.5 m/s)
Turning Radius	Turn in place
Nominal Continuous Runtime	~9 hrs
Environment	Indoor
Charging	Autonomous docking
Charge Time	3 hrs to 90%
2D Laser Sensor	82 ft (25 m), 220 degrees (x1)
3D Camera	Yes (x2)



Key Workflows



Order Picking



Assembly and QA



ASRS Induction



Rush Orders



Returns Processing