



Locus Vector

PAYLOAD

600 lbs
272 kg

DIMENSIONS

30 x 22.25 x 20 in
76.2 x 56.5 x 50.8 cm

Locus Vector is an autonomous mobile robot (AMR) built to keep heavy payloads moving reliably, safely, and at scale across the kind of busy warehouse floors where conditions rarely stay the same.

Its industrial-strength chassis and omnidirectional drive handle tight, high-traffic environments without breaking flow, even as layouts shift, volumes spike, or labor availability changes.



HIGH-THROUGHPUT MATERIAL MOVEMENT

Cart transport

Shelf transport

Case and discrete order movement

Sortation

Conveyor feeding

Point-to-point material handling

CONFIGURATIONS DESIGNED FOR FLOW STABILITY



Lift Configuration

Safe, predictable transport of carts and shelves



Shelf Configuration

Secure movement of multiple cases or totes

Locus Vector was designed not as a single-purpose cart robot, but as a flexible workhorse built around one simple idea: detach, swap, and keep moving to reduce dependence on fixed labor and manual handoffs.

POWERED BY LOCUSONE™

Part of the LocusONE platform, Locus Vector works seamlessly with Locus Origin and Locus Array to move heavier payloads while other robots handle picking, replenishment, and zero-touch workflows in one orchestrated system.

Locus Origin

Collaborative in-aisle picking for high-velocity items

Locus Vector

Picking and transport for heavy, bulky, or non-conveyable goods

Locus Array

Fully autonomous picking & fulfillment workflows