Locus Vector

High-Productivity Material Handling

Locus Vector is the innovative autonomous mobile robot (AMR) specifically designed for high-productivity, heavier payload material handling and logistics applications.

Built with an industrial-strength chassis, omnidirectional mobility, and compact design, Locus Vector can be deployed in a wide range of environments, tackling a variety of material handling tasks with payloads up to 600 lbs / 272 kg.

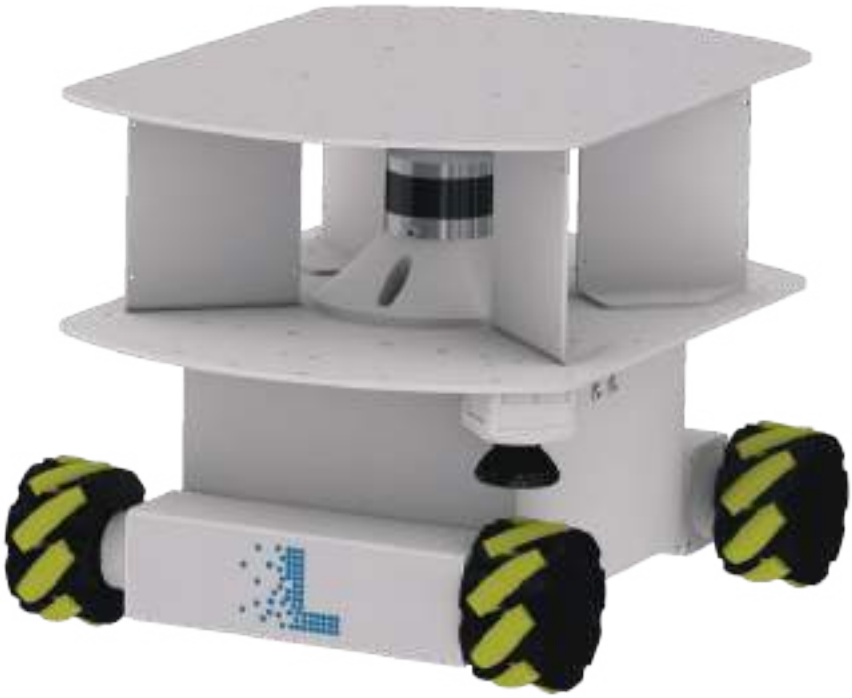
The flexible design, including cart and shelf configurations, allows multiple use cases, from shelf/rack moving, discrete order picking, case picking, and point-to-point transport. Using its roller-top configuration, Locus Vector easily connects to conveyors, sortation, and other mechanized automation workflows.

Flexible and Versatile Configurations

Lift Configuration:
Safe transport of shelfs or carts

Shelf Configuration:
Move multiple cases securely and with confidence

Conveyor Configuration:
Easily integrates with conveyor and sortation workflows



Use Cases

- Lift cart picking/putaway
- Discrete order picking
- Case picking
- Sortation
- Point-to-point (P2P) material handling

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Specifications

Payload Capacity:
600 lb / 272 kg

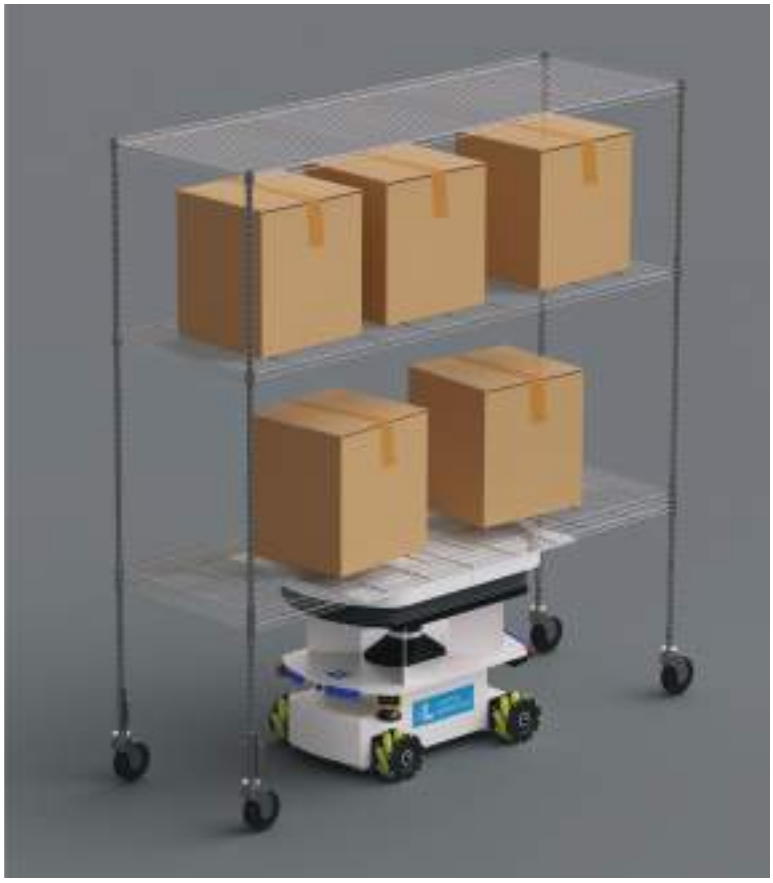
Dimensions:
30 x 22.25 x 20 in / 76.2 x 56.5 x 50.8 cm

Operating Time:
8-10 hours per charge

Charge Time:
~60 minutes to full charge

Charger:
Shared charger with Locus Origin

LiDAR Sensors:
Dual safety rated LiDAR scanners
+ 3D perception LiDAR



600 LBS / 272 KG PAYLOAD

8–10 HRS OPERATING TIME

60 MINUTE CHARGE TIME

3D LIDAR SENSORS

SHARED CHARGER WITH ORIGIN BOTS

To learn more about this AMR, or add Locus Vector to your facility, contact Locus Customer Success, info@locusrobotics.com.

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