

MaxMover™

Automated Guided Vehicles (AGVs)

MaxMover industrial, multi-load handling automated guided vehicles are available in a number of standard load handling configurations. MaxMover AGV design is based on the same modular base platform as our CompactMover AGV line. This standardization provides a cost-effective, efficiently manufactured, and easy-to-integrate platform.

As the name implies, MaxMovers are designed to handle the stresses of heavy material handling applications with ease. Pre-designed handling options including standard high-lift forks, specialized single or double conveyor units, lifting deck configurations, and capability to use the vehicles for towing operations make them suitable for multiple logistics applications. MaxMover AGVs, controlled by our supervisory SuperFROG® software, provide a logistics solution trusted to execute mission-critical operations.



MaxMover™

Automated Guided Vehicles (AGVs)

Features

- » High load capacity in high-lift fork, low-lift fork over, conveyor, shuttle, and towing packages
- » Standardized spare parts across MaxMover range
- » Intuitive user interface and obstacle detection sensor (ODS)

We offer standardized MaxMovers in configurations designed to meet the most demanding of industry challenges. Our AGVs provide the customer with a safe and efficient logistics solution that delivers optimized transportation of goods and eliminates incidents on the workflow.

MaxMovers are specifically designed to move the heaviest of loads and tackle logistics challenges with their highly-engineered and flexible base platforms. This system enables multiple applications within a facility to be accomplished while maintaining a standard cache of tools and spare parts for the entire fleet.

Our proprietary SuperFROG® supervisory software system controls fleet and traffic management, including various logistics functions and order fulfillment.



SuperFROG® also defines vehicle traffic rules, collects AGV performance data, and optimizes battery consumption and charging requirements.

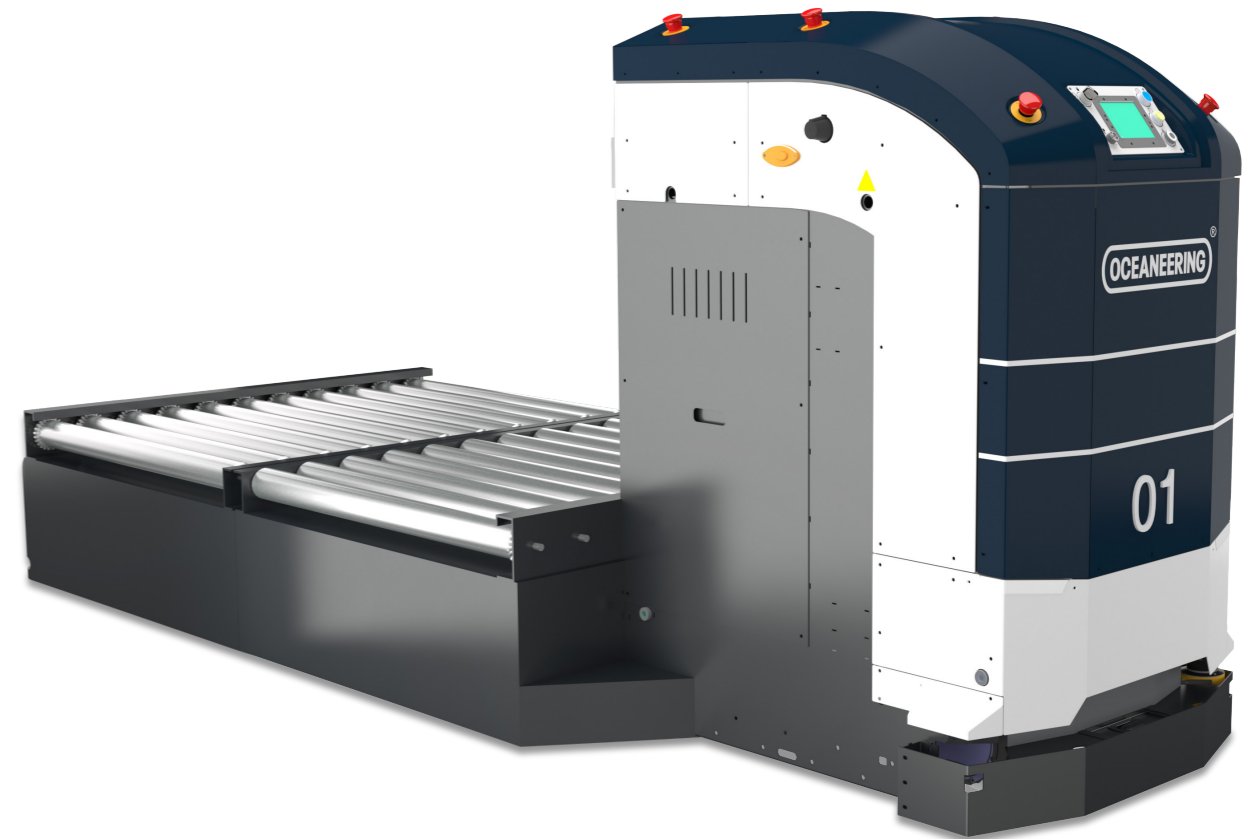
The inherent control features provide the customer with a healthy system offering continuous, around-the-clock logistics activity. MaxMovers can be integrated into a larger network of AGVs—of like and different types—operating within the same layout.

Vehicle Design

The MaxMover product line is adaptable and flexible. Standard front and rear modular options provide optimized configurability, steering capabilities, and incorporate pre-engineered material handling options. Standard designs include:

- » Counter-balance forklift
- » Fork over leg
- » Straddle leg forklift
- » Conveyor
- » Double conveyor
- » Tugger
- » Lift deck

MaxMovers are available in 3-wheel and dual drive configurations which enables sideways (crab) driving to ensure accurate positioning at load pickup and drop points.



Technical data

Type	Counter Balance	Fork Over Leg	Straddle Leg	Conveyor	Double Conveyor	Tugger	Lift Deck
Standard wheel configuration	3 wheel (1 x drive/steer, 2 x support)						
Standard drive motor	48V Ac, 4kW, max speed 1.6 m/s						
Dimensions (L x W x H*)	8.6 x 3.0 x 9.2 ft	8.6 x 3.0 x 7.0 ft	8.6 x 3.4 x 7.0 ft	9.2 x 4.7 x 5.2 ft	14.3 x 4.7 x 5.2 ft	4.6 x 3.0 x 5.2 ft	13.8 x 3.0 x 6.4 ft
	263.5 x 92.0 x 280.0 cm	263.5 x 92.0 x 214.0 cm	263.5 x 103.0 x 214.0 cm	279.0 x 142.0 x 160.0 cm	436.0 x 142.0 x 160.0 cm	140.0 x 92.0 x 160.0 cm	419.5 x 92.0 x 195.5cm
Maximum payload	2,645.55 lb 1,200 kg	2,204.62 lb 1,000 kg	4,409.25 lb 2,000 kg	4,409.25 lb 2,000 kg	5,291.09 lb 2,400 kg	15,432.36 lb 7,000 kg	4,409.25 lb 2,000 kg
Maximum handling height	11.15 ft 3.4 m	4.92 ft 1.5 m	11.15 ft 3.4 m	1.64 ft .5 m	1.64 ft .5 m	NA	1.21 ft .37 m
Navigation	Magnet, laser, landmark (infrastructure free)						
Standard power	Lead acid: 48V/420Ah						
Optional power	LTO 24V (high capacity, fast recharge)						
Recharge method	Opportunity, swap						
Safety	Various integrated safety features including emergency stop buttons, obstacle detection sensors, and collision prevention systems (optional)						
User interfaces	Touch screen, joystick, auto/manual, on/off and pause						

*Height does not include laser mast navigation.

Oceaneering AGV Systems for Advanced Logistics Solutions

Oceaneering is a worldwide leader in safe, reliable, and flexible turnkey logistic and production solutions based on Automated Guided Vehicle (AGV) technology. Through innovative application of our field-proven hardware and software, our customers can benefit from adopting our AGV systems in mission-critical operations, providing long-term strategic value.

- For more information: oceaneering.com/agv