

Reach Automated guided vehicle

High-bay precision movement



Reach higher, move faster, work safer

Optimize space, improve safety, and boost efficiency with the Reach AGV, engineered for seamless integration into both brownfield and greenfield warehousing facilities.

Reach Features

- 12.5m lift height reaches higher for increased storage capacity
- High driving speeds for reduced cycle times and greater throughput
- Advanced AGV safety features for accident prevention
- Easily fits into existing layouts
- Wireless charging to minimize downtime
- Adaptable for all facilities, including brownfield retrofits

Reach Benefits

- Maximize storage density with efficient use of vertical space
- Minimize manual handling to lower operational costs
- Improve order fulfillment speed and inventory tracking

Typical Pick/Drops

- High-bay pallet storage
- Automated order picking and replenishment
- Cross-docking and staging
- Inventory management and cycle counting
- Work-in-process (WIP) transport
- Single- or double-deep storage racking

Reach Safety Features

- **Obstacle detection sensors**
Full 360° protection with safety-rated lasers
- **Look-down sensor**
Sees objects in vehicle's path above floor level
- **Warning lights**
Amber turn signals, blue running lights, and red emergency lights
- **Blue AGV-approaching warning light**
Shows AGV path and warns personnel in the area
- **Emergency stop buttons**
Red buttons stop the vehicle immediately
- **Load detection and positioning sensors**
Enhance safety by improving pick-up and drop-off accuracy
- **Manual safety reset button**
Human intervention is required to confirm vehicle OK status
- **Battery restraint plate sensor**
Confirms battery is safely confined within vehicle frame



mōt.OS®

One Operating System. Total Control.

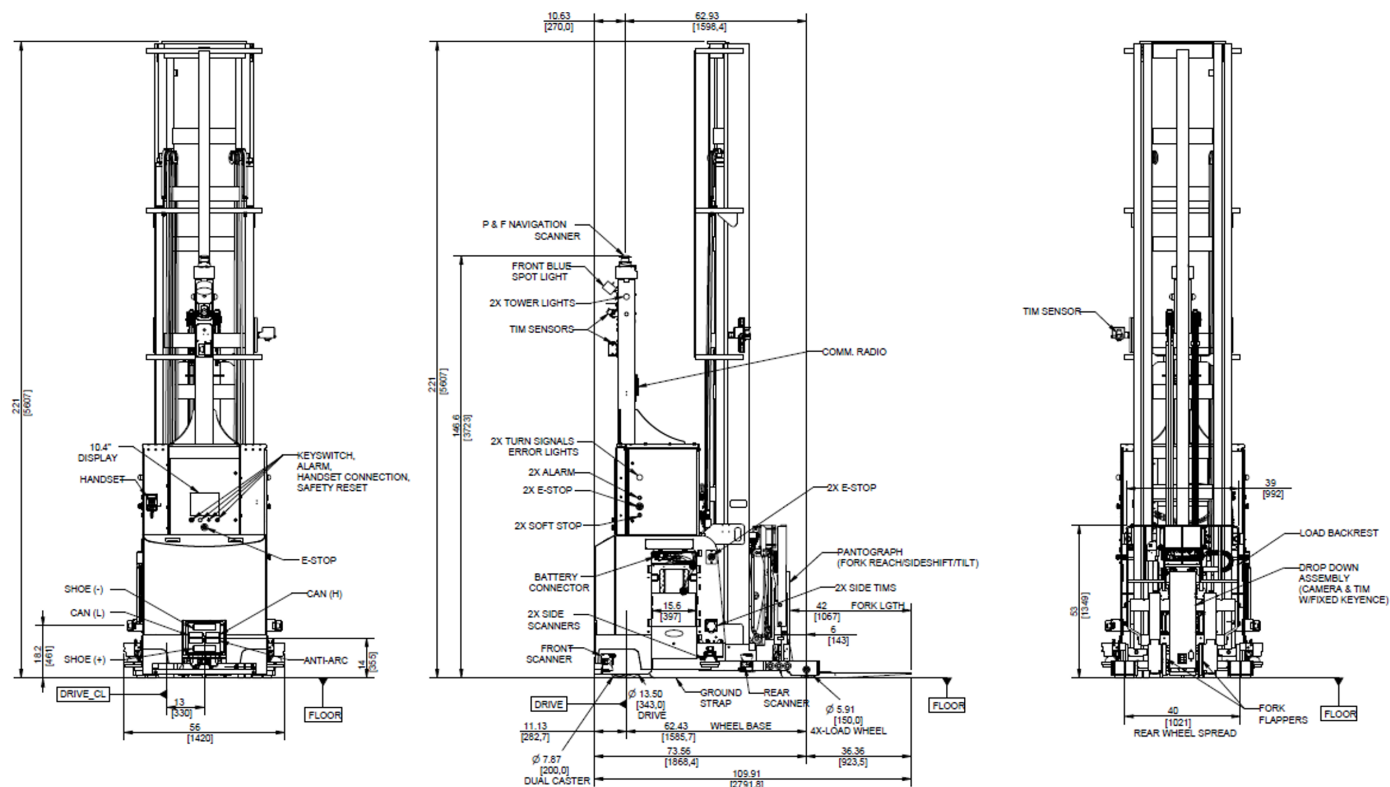
Designed to power FORMOVA vehicles at scale, mōt.OS® is the heart of our total automation intelligence offering, helping maximize the life cycle value of your system.

It allows you to control multiple fleets from multiple manufacturers in a single coordinated platform, giving you a clearer view of your operation and greater control over how everything moves.

The result: smarter decisions, smoother flow, and automation that is **SIMPLE, SCALABLE, and SUSTAINABLE.**

Reach

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Technical Specifications*

Lift Weight	4,500 lbs	2,041 kgs
Lift Height	490"	12,500 mm
Lift Speed	12"/second	300 mm/second
Travel Speed	394 ft/min	2.0 m/sec

*Specifications can vary based on application