

## 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



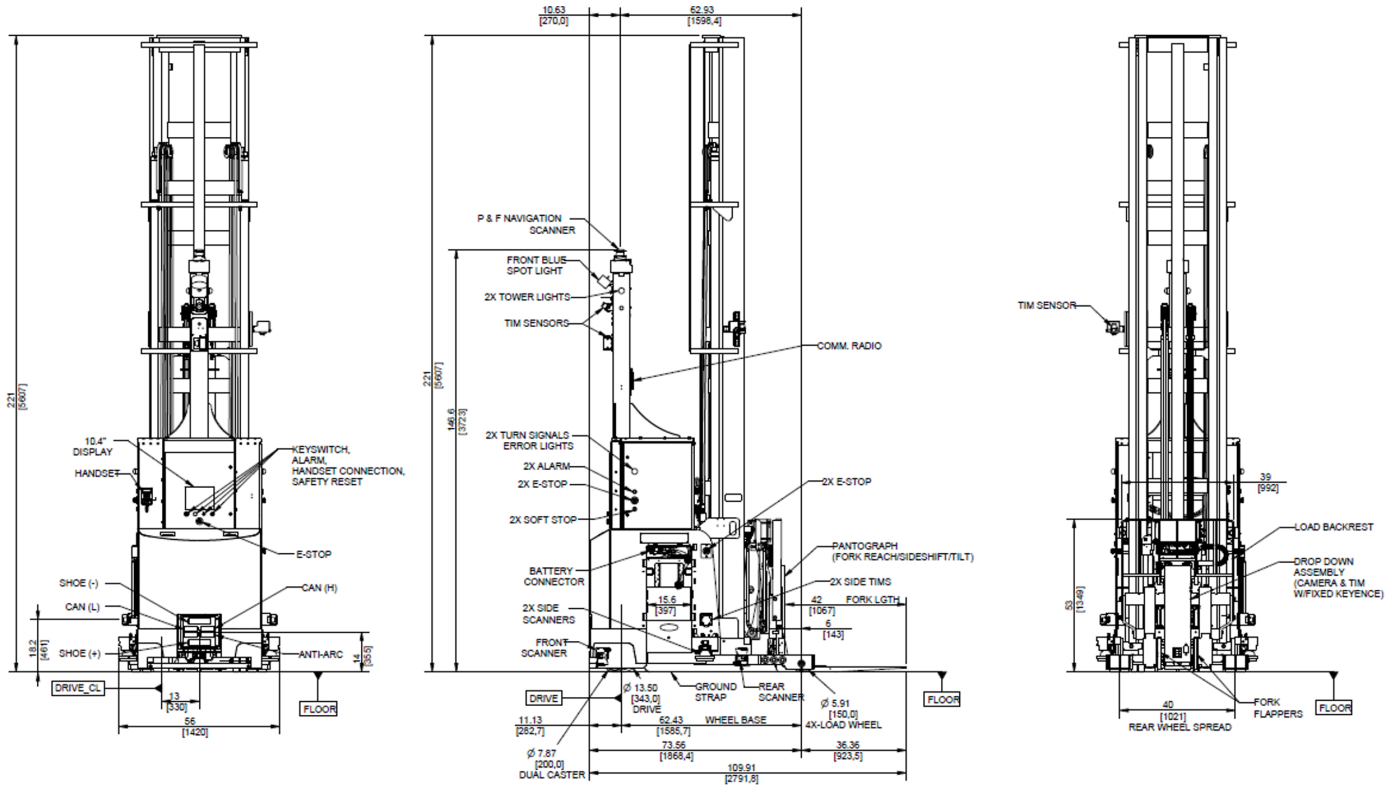
## mōt.OS<sup>®</sup>

### One Operating System. Total Control.

Designed to power Formova vehicles at scale, mōt.OS<sup>®</sup> 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.**



## 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