



# Automatic Trailer Loading / Unloading (AGV)



## Sophisticated design, optimum flexibility

Our trailer loading AGVs improve safety and efficiency at your docks.

## Vehicle Features

- Loads standard, over-the-road trailers
- High floor clearance handles dock plate slopes
- Weight capacity up to 2,720kg
- Interfaces with other automated and manual equipment
- Soft tires cushion loads over the dock plate
- 360° obstacle detection
- Tilting mast accommodates slope of trailers
- Lifting capacity up to 2.5m high for various loads

Specially designed to operate in loading docks, our automated trailer loading (ATL) automatic guided vehicles (AGVs) provide safe, efficient, automated solution to trailer loading and unloading, all without the need to modify a single truck. Their standard single/double fork attachments can handle multiple load types and loading patterns, enabling them to deliver flexibility. Plus, our ATL AGV's softer tires, tilting masts, and dual rear drives ease travel over dock plates and inside trucks. Equipped with 360° obstacle detection, these vehicles prevent collisions and eliminate damaged product, resulting in increased safety and savings. With ATL AGVs working at your facility, incorrect shipments and chaotic docks are a thing of the past.

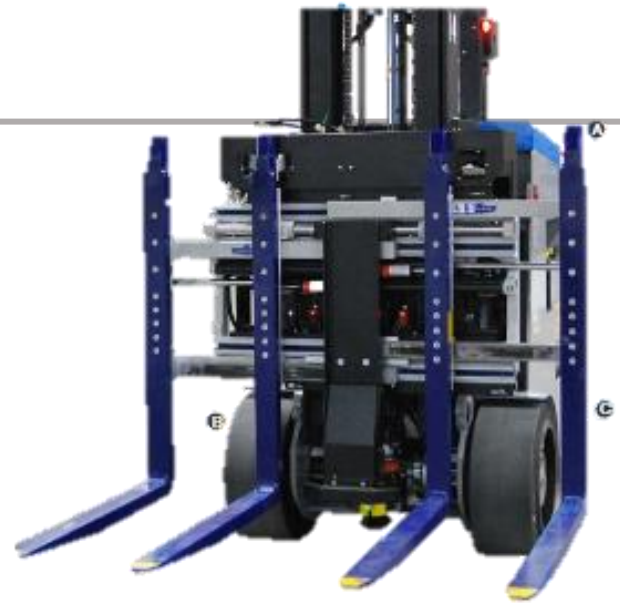


## Area of Application

Built to last, our automated trailer loading (ATL) AGVs can navigate through even the most chaotic environments. They adapt to operational changes and accommodate multiple loading patterns. In ATL AGVs, you receive a flexible solution to your specific truck loading challenges and needs.

### TECHNICAL SPECIFICATIONS

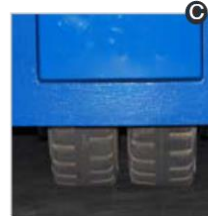
|                                   |   |
|-----------------------------------|---|
| <b>DRIVE</b>                      | Electric Drive  |
| <b>OPERATING POWER</b>            | 48VDC, Battery-powered  |
| <b>BRAKES</b>                     | Electromechanical   |
| <b>LIFT POWER</b>                 | Hydraulic   |
| <b>BATTERY TYPE</b>               | Sealed Lead-Acid, Lilon   |
| <b>TRAVEL</b>                     | Bi-directional; 1.8 m/s   |
| <b>CONTROL</b>                    | Laser-guidance/natural (automatic); pendant controller (manual)         |
| <b>CARRYING CAPACITY</b>          | 2,720kg   |
| <b>VEHICLE WEIGHT</b>             | 5,420kg with battery ; 4,700kg without battery                          |
| <b>SAFETY FEATURES (STANDARD)</b> | Flashing Lights, Emergency Stop Buttons, Obstacle Sensing Bumpers, Horn |



Single/double fork attachments support multiple load types and loading patterns.



Soft, 45.7cm diameter tires reduce wear on floors and improve traction.



Soft-tire, articulated-steer wheels follow dock plate contours and cushion loads.

