

Automatic Trailer Loading / Unloading (AGV)



Sophisticated design, optimum flexibility Our trailer loading AGVs improve safety and efficiency at your docks

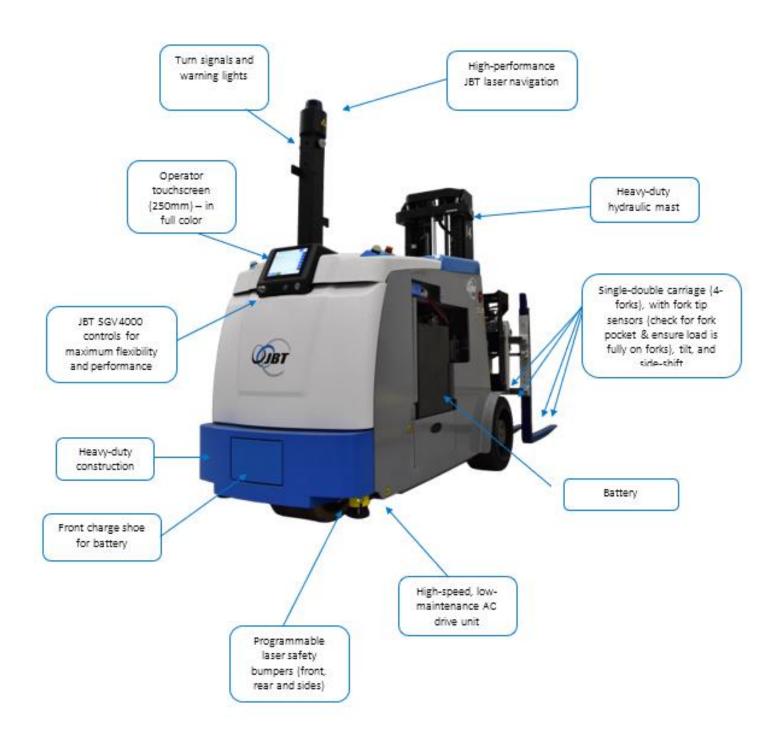
Vehicle Features

- Loads standard, over-the-road trailers
- High floor clearance handles dock plate slopes
- Capacity up to 8,000lbs (3,600kg)
- 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 8' (2.5m) high for various loads

Specially designed to operate in loading docks, our automated trailer loading (ATL) automatic guided vehicles (AGVs) a 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.



Vehicle Features





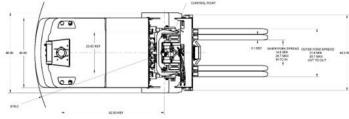
Vehicle Technical Specifications

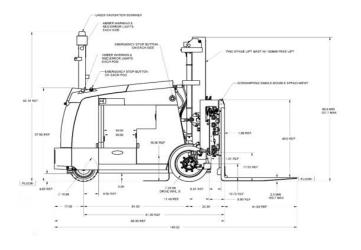
Vehicle Layout Drawings

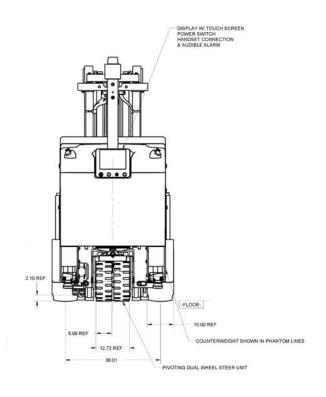
Plan View

The drawings below are shown for reference only and dimensions may vary slightly on the final design. All dimensions are in inches.

GONTHOL POAT







Operating Temperature: +35 0F to +110 0F (+2 0C to +44 0C)

 \pm 0.38 Inch (\pm 10mm) / \pm 0.5 degrees Stopping Accuracy: (at center-point between rear wheels)

Payload: See <u>Load Description</u> section

Travel: Bi-directional

Brake: Electromagnetic – Spring Applied/Electric Release

Operating Voltage: 48VDC

Paint: Standard JBT color scheme (white/gray/blue)
Bumpers: Two (2) front programmable laser scanners
One (1) rear programmable laser scanner
Lift Height: 275" (to top of forks) for ATL, 216" for the CB