



Tow Tractor AMR

10,000 LB CAPACITY | 4 MPH MAX SPEED

Transform material handling with Seegrid Tow Tractor, the intelligent AMR for horizontal moves.

Fully Automated Material Movement for Cart Trains and Heavy Payloads



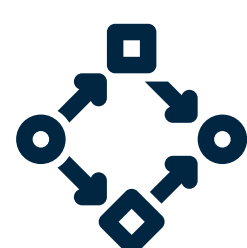
Proven ROI

Lowest total cost of ownership and the quickest time to value in the mobile automation industry, delivering positive results on day one.



Industry-Leading Navigation

Powered by machine learning and our proprietary 3D computer vision system, Seegrid AMRs have an unmatched ability to navigate changing environments.



Unrivalled Versatility

Route changes can be made while production is running, avoiding costly downtime and keeping you flexible—all while maximizing your ROI.



Infrastructure Free

AMRs navigate with computer-vision technology, allowing us to deploy fast while avoiding costly facility changes.



Auto Hitch and Auto Charge

Tow Tractor can be equipped with auto charge and auto hitch, removing human touches from your processes and providing safer, more efficient workflows.



Key Applications for Seegrid Tow Tractor

Tow Tractor autonomously transports cart trains and other payloads using proprietary technology for hands-free flexibility—increasing productivity and reducing operational costs.

TOW APPLICATIONS



PARTS-TO-LINE

Transfer parts, materials, or work-in-progress goods to another processing stage.



REPLENISHMENT

Move inventory from storage to picking and shipment locations.



PUTAWAY

Transport product from the receiving dock to storage location.



LONG HAULS

Transport product over long distances.



TRASH REMOVAL

Remove scrap, dunnage, or packaging material from the production floor.



CROSS DOCKING/VIRTUAL

Move product to and from the shipping, receiving and staging areas.

“Seegrid’s technology is extremely reliable, easy for our operators to use, and ultimately enables us to reduce costly variability in our operations.”

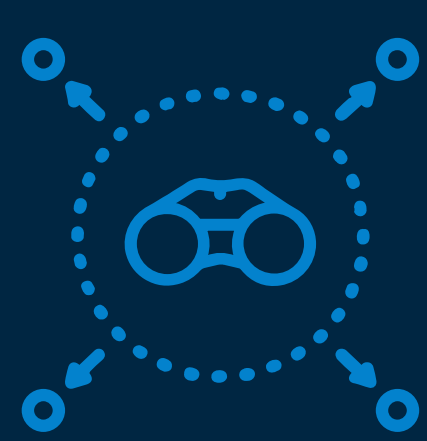
PETER WESTRICK
Engineering Manager, Guardian Industries



Product Specifications

Maximum Capacity	10,000 lbs	Environment	Indoor operation only Temperature 32°F min, 104°F max Humidity 20-95% RH (non-condensing) Floor conditions should be free from oils, moisture, and debris Floors should not be uneven/cracked	Safety	ANSI/ITSDF B56.5-2019 / ANSI B11.0 UL 583 certified Layered safety with 2D and 3D LiDAR sensors Advanced path and payload obstruction detection 3 Emergency stop buttons LED lightbar for turning and status Acoustic warning system
Maximum Automatic Speed	Forward: 4.0 mph Reverse: 0.7 mph	Features	Flexible, infrastructure-free navigation Operate in manual or autonomous mode Route transfer between robots: train one and transfer route knowledge to all Supervisor for fleet management and enterprise intelligence Auto-Hitch for payload engagement	Standard Safety Behaviors	Automatically stops if an obstruction is detected within the lidar-defined travel path; resumes travel once the obstruction is cleared Always sounds horn before beginning or resuming automatic travel Sounds horn and activates light when traveling in reverse
Width	36"	Battery	Voltage: 24V Max. capacity: 840 Amp x Hr Compartment: (LxWxH) 31"x 13"x 32" Connector: Customizable Weight: 854 lbs. min., 1,500 lbs. max. Change roll deck: Standard	Trained Behaviors	Prioritized traffic management with manual vehicles and other autonomous equipment Operator interaction control via start button Sounds the horn in busy areas, near walkways, in turns, etc.
Length	76"				
Wheels	Rubber				

Intelligent. Aware. Transformative.



3D Computer Vision

Seegrid's advanced algorithm collects and prioritizes massive amounts of live data, enabling our robots to navigate busy industrial environments.



Sensor Fusion

Seegrid AMRs see and process more data for an extremely accurate understanding of their constantly changing surroundings.



Reliable and Flexible

Tow Tractor navigates seamlessly in high traffic, dynamic facilities, enabling real-time route changes while production is running.



Achieve Your Goals. Advance Your Innovation Initiatives.

Seegrid AMRs integrate into your workflows during live operations, proving quick ROI in just 6-24 months, and seamlessly scale across your entire network of facilities.



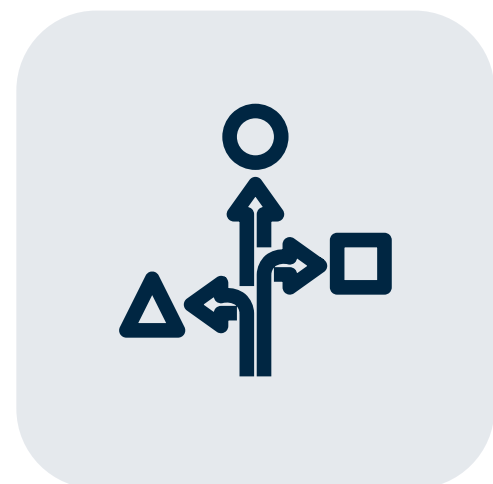
Proven, Predictable Performance

Seegrid AMRs do exactly what you expect them to do—delivering on time, every time.



Reduced Operating Costs

Optimize workflow processes and cut operational costs with consistent and efficient delivery of goods.



Unmatched Flexibility

Dispatch or redeploy your fleet during production for unparalleled flexibility and unmatched ROI.



Automate Repetitive Tasks

Our robots do the monotonous, hard labor tasks allowing your human workforce to focus on value-add, cognitive tasks.

2,500+
AMRs Deployed

200+
Customer Sites

50+
Global Brands

20,000,000+
Autonomous Miles Driven to Date

0
Recordable Safety Incidents