



Lift RS1 AMR

3,500LB CAPACITY | 5 MPH MAX SPEED | 6' LIFT HEIGHT

Lift RS1 provides end-to-end workflow automation for low-lift processes across facilities, further driving material flow efficiencies.

Flexible Material Transport and Vertical Handling of Goods



Proven ROI

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



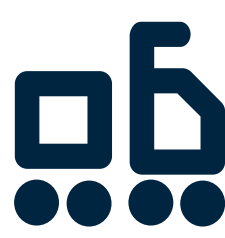
Industry-Leading Payload Detection

Pick and move a wide variety of payloads with the most robust and effective payload detection capabilities on the market.



Dynamic Path Planning

Advanced autonomous detection capabilities enable real-time alignment adjustments to better handle poorly placed payloads.



Infrastructure-Free

SeeGrid AMRs navigate with our proprietary computer-vision technology allowing us to deploy without changes to your facility.



Synchronized Self-Charging

Auto-Charge automates scheduling, dispatch, and charging to eliminate costly and hazardous human touchpoints for continuous 24/7 productivity.



Key Applications for SeeGrid Lift RS1

Easily integrating into your workflows, Lift RS1 executes autonomous material movement from inbound to outbound, from parts-to-line and between work areas, for lean material processes and maximum throughput.



INBOUND TO BULK STORAGE

Autonomously pick up and haul heavy loads of parts and materials to a designated storage location.



PARTS TO LINE

Pick up payloads from the floor or an elevated surface and haul goods for use on an assembly line.



OUTBOUND

Move product from a conveyor, wrapper, or assembly line to outbound staging.



INBOUND

Pick up payload from inbound staging and transport to bulk, floor, or endcap putaway locations.



CROSS DOCKING

Pick up payloads from any inbound location and transport directly to any outbound location.



OUTBOUND

Move product from staging or wrapping locations to the outbound loading dock.

LOGISTICS



The implementation was the easiest implementation of any capital investment I've ever done in my career in manufacturing.



JACOB BECKER
Continuous Improvement Manager,
Sumitomo Drive Technologies

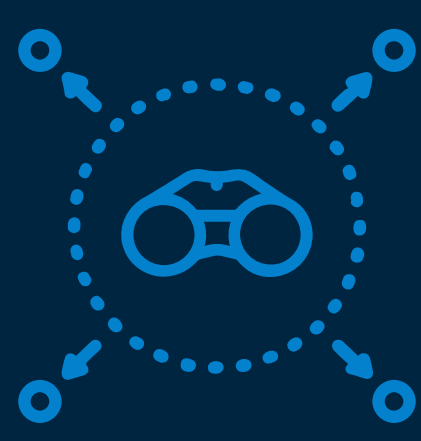
Sumitomo
Drive Technologies



Product Specifications

Maximum Capacity 3,500 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 Layered safety with (5) 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: 5.0 mph Reverse: 2.5 mph	Features Industry leading pallet and payload detection Flexible, infrastructure-free navigation Route transfer between robots: train one and transfer route knowledge to all Supervisor for connected fleet management and enterprise intelligence	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 Slows down during turns
Width 50"		
Length 92" (Forks Retracted)		
Reach 72"		
Wheels Polyurethane	Battery Voltage: 24V Max. capacity: 750 Amp x Hr Connector: Customizable Compartment: (LxWxH) 32"x 13"x 24.8" Weight: 1,078 lbs.	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.
Forks ITA Rated 42" Standard 36" - 72" Optional		

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.



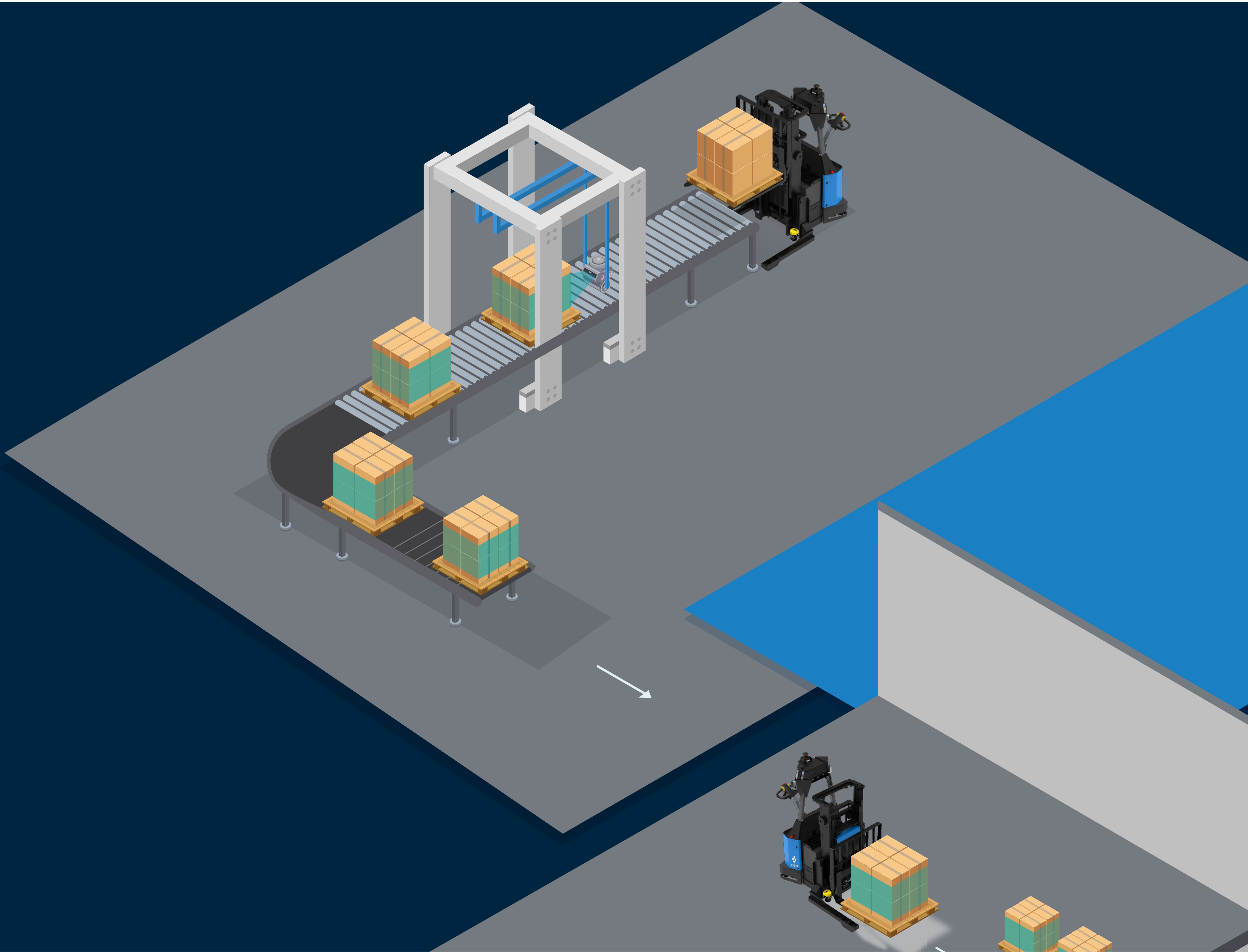
Sensor Fusion

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



Reliable and Flexible

Lift RS1 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.



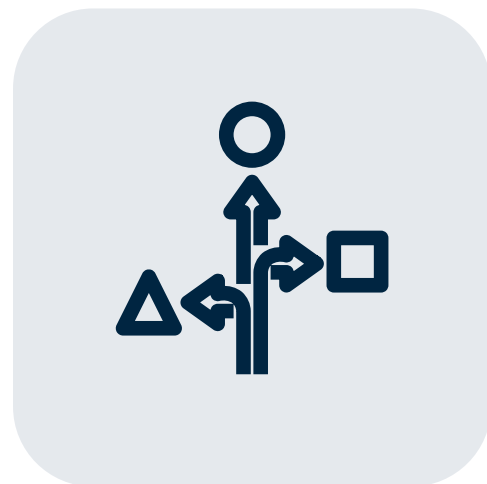
Proven, Predictable Performance

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