Seegrid Introduces New Autonomous Tow Tractor

Enhanced Smart Path technology increases mobile robot's human-like awareness, understanding, and decision-making capabilities

PITTSBURGH, PA – June 8, 2021 – Seegrid Corporation, the leader in autonomous mobile robots (AMRs) for material handling, today announced the availability of the Seegrid Palion™ Tow Tractor Series 8. This upgraded version of the company's industry-leading automated tow tractor features enhanced Smart Path technology, increasing the robotic fleet's ability to comprehend and make decisions while safely and reliably moving material in dynamic, high-traffic facilities. Advances in Seegrid's artificial intelligence allow Palion AMRs to see, understand, and learn using the company's proprietary vision system. The robotic fleet has been performing and reporting on tasks safely and productively for more than 5 million autonomous miles for leading brands in manufacturing, e-commerce, and logistics sectors.

The release of the new Palion Tow Tractor builds on Seegrid's track record of delivering proven mobile automation technology that boosts both productivity and safety, and is the latest in Seegrid's expanding product portfolio and capabilities. This year, Seegrid upgraded its Palion Pallet Truck, and premiered its first autonomous lift truck, Palion Lift AMR. The news follows the recent formation of the company's research and development group, Blue Labs, an in-house innovation acceleration team fully dedicated to identifying new technologies to further Seegrid's strong technical advantage.

"We are proud to continue delivering on Seegrid's decades-long commitment to innovation and safety as the market leader in robust mobile automation," said Jim Rock, Seegrid's Chief Executive Officer. "Seegrid has an unstoppable focus on providing the most advanced, reliable, and holistic AMR solutions to help our customers safely increase productivity and remain competitive."

The new Palion Tow Tractor Series 8 features enhanced understanding of its path and surroundings, an extended field of view, and a shorter clearance height while still managing a variety of cart train and payload tugging applications with a 10,000 pound maximum load capacity.

"Seegrid's intelligent automation solutions serve the largest global manufacturing, warehousing, logistics, and e-commerce companies," said Rock. "As supply chain pressures persist, our customers look to us to provide safe, smart, and effective solutions for their facilities—that are busy, high-traffic, and ever-changing. It's our mission to help them realize these automation goals with robust mobile automation solutions."

Seegrid's Smart Path algorithm leverages the company's advanced computer vision technology and sensor fusion models, providing Palion AMRs with the unmatched ability to understand and learn, as well as perform and report on tasks safely and productively. Seegrid has been a technology innovator since its founding in 2003 by world-renowned roboticist Hans Moravec, the company's chief scientist. Seegrid's unique algorithms, which combine computer vision technology, sensor fusion, and data exhaust capture, have been continuously refined for more than a decade, bolstered by more than $150 million in investment. Seegrid's technology is protected by more than 100 patents, intellectual property, and proprietary know-how–with more than 350 employees dedicated to keeping Seegrid in its market leading position. To learn more about the Seegrid Palion AMR fleet, visit seegrid.com/autonomous-mobile-robots.

About Seegrid

Seegrid combines autonomous mobile robots, enterprise software, and best-in-class services for a complete, connected material handling automation solution. With millions of autonomous production miles driven and zero personnel safety incidents, Seegrid Palion™ AMRs are reliable, flexible, and proven. The world's largest manufacturing, warehousing, and logistics companies rely on Seegrid to automate material flow in highly complex environments. From project design through deployment, change management, user training, and data-driven consultation, material flow is both safe and optimized, accelerating automation initiatives today and into the future. www.seegrid.com

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