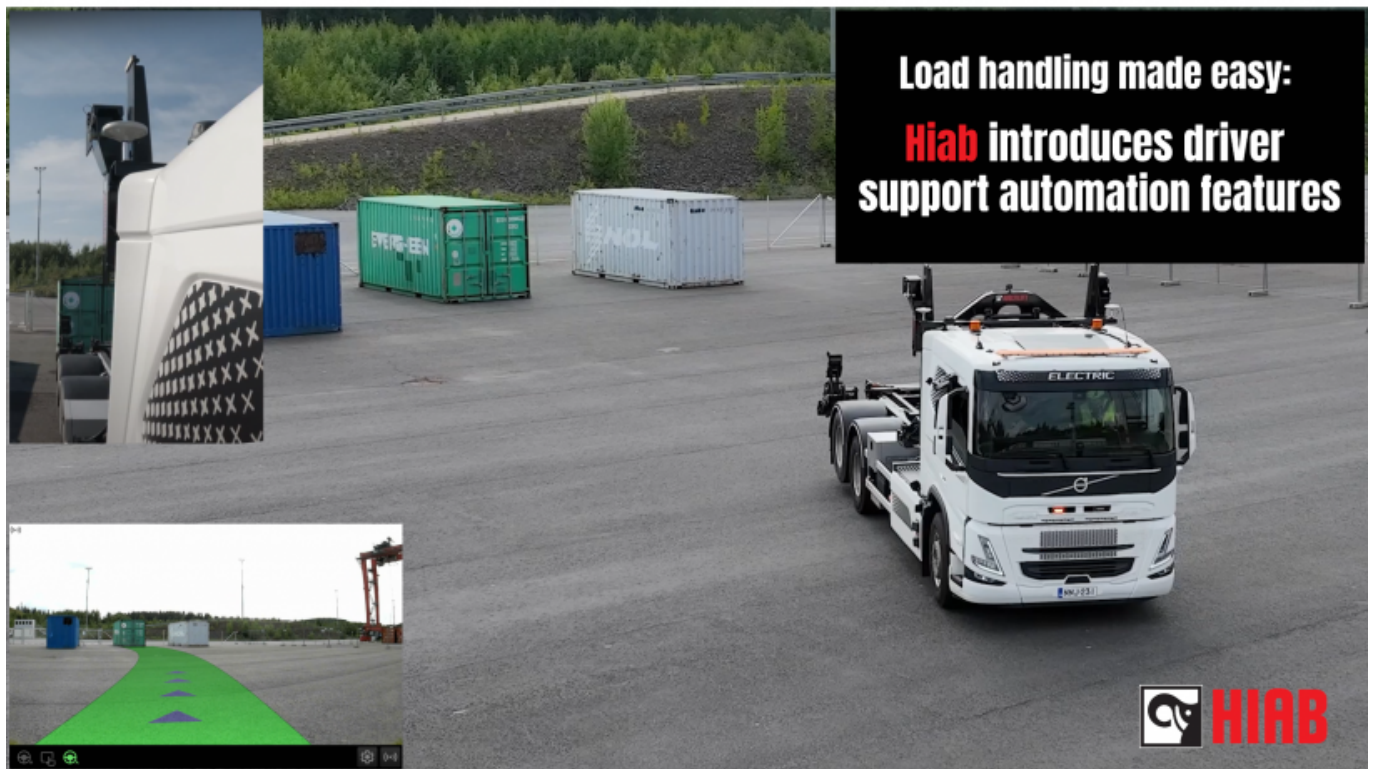




The L2 Driver Support feature automatically reverses the truck into position, aligning it with the front of the container for pickup. The driver initiates the process with the push of a button and monitors the safety of the intended operation via the augmented view on in-cabin screen. The feature utilises the truck's off-the-shelf motion control interface.

IMAGE SOURCE: Cargotec Corporation; Hiab

Hiab Unveils Advanced Technology for the Future of Autonomous Load Handling

9 October 2024 by HIAB (Cargotec)

- Hiab introduces the L2 Driver Support technology for MULTILIFT demountables, enhancing autonomous load handling capabilities.
- The new feature automates complex maneuvers like reversing and positioning, improving safety and operational efficiency.

- **L2 Driver Support adheres to international safety standards such as ISO 26262 and the EU's General Safety Regulation.**
- **Hiab's innovation addresses the driver shortage and high demand for efficient deliveries in the transport industry.**
- **This development builds on Hiab's previous automation solutions, including HiVision for MULTILIFT hooklifts and a self-driving truck steering system.**

Hiab, part of Cargotec, is transforming the industry with the launch of its new autonomous load handling capabilities for MULTILIFT demountables - the L2 Driver Support assistance technology. This innovation marks a significant leap forward in automated operations, aligning with Hiab's strategic commitment to enhancing safety, efficiency, and addressing the growing shortage of experienced drivers in the transport industry.

The introduction of these advanced driver assistance features aims to simplify the process of loading and unloading containers and cargo bodies, which typically require significant skill and precision. By automating complex manoeuvres such as reversing and positioning, Hiab is offering a solution that reduces the risk of errors and accidents while increasing overall operational efficiency.

"At Hiab, we are focused on providing innovative solutions that help our customers overcome the daily challenges of modern logistics," said **Hannu Hyttinen**, Director of R&D at Hiab. "With our new autonomous capabilities, we're bringing a level of support that will enhance safety and ease of operation, particularly in industries facing driver shortages and high demand for efficient deliveries."

Safer, Smarter Operations

Hiab's new L2 Driver Support feature automates one of the most difficult aspects of load handling - reversing the vehicle into the optimal position for loading or unloading. The L2 Driver Support feature is equipped with robust safety protocols, adhering to international standards like ISO 26262 and aligning with the EU's General Safety Regulation. This ensures that the technology is not only efficient but also meets the highest safety requirements for road operations. By reducing the need for manual precision and eliminating common errors, Hiab's solution helps safeguard both the driver and surrounding assets from potential damage during complex load-handling tasks.

Another Step Towards an Autonomous Future

Hiab is a leader in automation solutions in the truck equipment industry. As early as 2019, Hiab launched HiVision for MULTILIFT hooklifts that can detect containers for guidance to reversing and lifting. In addition, Hiab designed and implemented the steering system for a self-driving truck in 2020. Hiab's new L2 Driver Support technology is laying the foundation for further advancements in autonomous load handling. As the industry continues to evolve, Hiab remains at the forefront of innovation, developing solutions that complement the autonomous vehicle technologies emerging from leading truck Original Equipment Manufacturers (OEMs).

Source: Cargotec Corporation, Hiab