



PRESS RELEASE

Daedong Kioti Unveils the RT100 Transport Robot at WORLD FIRA 2025

Rotterdam, the Netherlands – January 2025 – Daedong Kioti, a leader in smart agricultural and industrial solutions, is proud to announce the global launch of its latest innovation, the RT100 transport robot. This state-of-the-art autonomous transport system will be introduced to the market later this year 2025

The RT100 represents a significant leap forward in automated transport technology, blending advanced engineering, cutting-edge design, and eco-friendly operation. Engineered to optimize efficiency and reliability, this transport robot is designed to meet the evolving needs of modern agriculture, logistics, and industrial applications.

Key Features and Specifications

- **Precision Navigation:** Utilizing advanced GPS and sensor technologies, the RT100 ensures seamless and accurate navigation in diverse environments, minimizing operational errors.
- **High Payload Capacity:** Capable of handling substantial loads, the RT100 is built to transport goods efficiently across long distances and challenging terrains. The cargo bed can carry up to 300 kg, making it ideal for heavy-duty tasks like transporting fruit boxes. It also includes lift and dump functions for added convenience.
- **Energy Efficiency:** Designed with sustainability in mind, the RT100 incorporates energy-saving systems to reduce operational costs and environmental impact. It is electric-powered, ensuring quiet operation without smoke or noise fatigue and can operate continuously for 4 to 8 hours on a single charge, depending on the load.
- **Autonomous and Worker-Following Modes:** The RT100 features advanced autonomous driving and worker-following functions, which minimize manipulation and maximize harvesting efficiency. It can follow workers as they harvest fruit, maintain a safe distance, and stop automatically when obstacles are detected. After harvesting, it autonomously transports the load to designated locations and returns to its starting point.
- **High Safety Standards:** As a non-riding type, the RT100 eliminates risks associated with tipping over in sloping orchards, ensuring a safer work environment.



- **Remote Control and Diagnostics:** Equipped with a remote control function, the RT100 allows users to manage tasks, access work history, and perform diagnostics conveniently through mobile devices.

Innovation on Display at WORLD FIRA 2025

KIOTI will participate in the NL Paviljoen at WORLD FIRA 2025, joining other innovative companies to showcase advancements in robotics and automation. While the RT100 will not be demonstrated live, attendees can explore its features and benefits through video and detailed presentations. The NL Paviljoen highlights the Netherlands' commitment to fostering cutting-edge agricultural and industrial technologies. Daedong Kioti's participation in WORLD FIRA underlines its commitment to driving innovation and delivering value to its customers worldwide.

Join Us

WORLD FIRA 2025 will be held from February 4 to 6 in Toulouse, France. Visit Daedong Kioti at the NL Paviljoen to learn more about the RT100 and how its innovative capabilities are poised to transform industries.

About Daedong Kioti

With a rich history of innovation, Daedong Kioti is a global leader in developing and producing smart solutions for agriculture and industry. Based in the Netherlands, Daedong Kioti Europe BV is dedicated to enhancing productivity, sustainability, and customer satisfaction through groundbreaking technologies and high-quality products.

For more information, visit: <https://kioti.eu/>

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