UNIT45 introduces next-generation electric reefer featuring Thermo King Magnum Eco at Intermodal Europe 2026 in Rotterdam

Rotterdam, October 2026 - At Intermodal Europe 2026, taking place from 10–12 November at Rotterdam Ahoy, UNIT45 will highlight its latest-generation 45ft palletwide electric reefer container, featuring the advanced Thermo King Magnum Eco refrigeration unit. Designed specifically for intermodal transport by road, rail and sea, this innovative solution combines efficient cooling technology, sustainable materials and reliable performance to meet the evolving demands of the logistics industry.

Advanced cooling technology for sustainable transport

The new UNIT45 electric reefer has been developed with a strong focus on energy efficiency, environmental responsibility and long-term reliability.

Equipped with the Thermo King Magnum Eco refrigeration unit, the container benefits from advanced cooling technology designed to optimize energy consumption while maintaining reliable temperature control for sensitive cargo.

The Magnum Eco incorporates an enhanced compressor, a next-generation evaporator and an electronic expansion valve, contributing to improved operational efficiency and reduced maintenance requirements.

Designed with evolving environmental regulations in mind, the refrigeration system also offers readiness for alternative low Global Warming Potential (GWP) refrigerants, including R1234yf.

Combined with LBA insulation foam and waterborne paint, the container reflects UNIT45's continued commitment to more sustainable manufacturing processes and environmentally responsible transport solutions.

Efficiency, reliability and ready for the future

UNIT45's latest electric reefer is designed to deliver efficient and dependable performance throughout its operational lifetime.

With a loading capacity of up to 33 euro pallets, the 45ft palletwide reefer maximizes available cargo space, making it an efficient solution for large-volume temperature-controlled shipments.

With its robust construction and intermodal design, the container can be seamlessly integrated into road, rail and sea transport networks. In addition, the container is equipped with Track & Trace (T&T) as standard, allowing operators to track its location and gain greater visibility into their logistics operations.

By combining advanced refrigeration technology with sustainable materials and optimized loading capacity, UNIT45 provides a future-oriented solution for customers seeking both operational efficiency and environmental performance.

Innovation supporting the future of intermodal logistics

The introduction of the Thermo King Magnum Eco further strengthens UNIT45's commitment to innovation and sustainability in the container industry.

As environmental requirements continue to evolve, UNIT45 focuses on developing equipment that helps customers improve efficiency, reduce environmental impact and maintain reliable performance across their supply chains.

"The container reflects UNIT45's commitment to flexibility, innovation, and sustainability. As an intermodal pioneer, UNIT45 strives to be first in delivering eco-friendly solutions and shaping a greener, more sustainable future for global transport."

— Jan Koolen, Managing Director UNIT45

Discover the latest UNIT45 electric reefer at Intermodal Europe

Visitors to Intermodal Europe 2026, taking place from 10–12 November at Rotterdam Ahoy, are warmly invited to visit UNIT45 at stand G45 to discover more about its latest 45ft palletwide electric reefer solutions, the Thermo King Magnum Eco refrigeration technology and the opportunities these innovations offer for modern intermodal transport. The unit is on display at stand E45!



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