

Built on Innovation and Foresight:

That's UNIT45

Appropriately named, UNIT45 is a company that concentrates exclusively on the development, construction, financing and delivery of 45-foot containers that meet the requirements of its clients and European legislation dictating allowable length and width of road transport. With a focus on the European inland, railways and short sea shipping, UNIT45 has worked tirelessly on its 45-foot container solutions to ensure the legal modality in Europe. Based in The Netherlands, UNIT45 has been a faithful intermodal Thermo King partner since 2004 and currently has more than 2,000 Thermo King reefer units and 550 truck and trailer units in its fleet.

"We believe in Thermo King's products and service and have incorporated them into our entire refrigerated fleet—both on land and at sea," said MD Jan Koolen, managing director, UNIT45. "We work closely with our colleagues at Thermo King to determine the best refrigeration models for our refrigeration solutions. It is a good partnership as both companies are focused on finding and delivering solutions for customers."

UNIT45's container reefer fleet is constructed using an ideal combination of aluminum and high-strength steel, making it extremely lightweight yet durable and affordable. The fleet's cooling system consists primarily of Thermo King's MAGNUM® SL (Slim Line) and the new MAGNUM PLUS® unit. "Besides the proven MAGNUM unit power, performance and energy savings, the MAGNUM SL version allows the maximum 33 pallet loads per 45-foot container, optimizing our customer's profits-per-load," said Jan Nouwen, UNIT45 technical manager. The container reefers are finished on the inside with aluminum, with the layout of the cargo security system being entirely to the customer's specification.

The company's focus on innovation transfers directly to a dedication to environmental concerns, which plays a big role in the company's container designs and equipment choices. "This is another reason our MAGNUM line, with its low environmental impact, works so well with UNIT45's efforts," said Edwin Bezooijen, field service and parts manager,

Thermo King Global Marine Solutions. "It's also the reason they are excited about the new MAGNUM PLUS unit, which has built further on the popular features of the MAGNUM unit. They have already incorporated more than 1,000 units into their fleet and we are working closely with UNIT45 to ensure the MAGNUM PLUS is compatible with the 45-foot container design."

UNIT45's customer base includes ECS, Eucon, Mc Andrews, GE Fresh, JSV Logistics, and many more.

"More and more companies are turning to the 45-foot container as a means of utilizing the many intermodal alternatives that exist, such as rail, barge and short sea services," said Koolen. "This is a direct result of continuing high transport costs, the growing awareness of the environmental impact of road haulage, and of course, the EU Legislation that despite challenges, is non-wavering. Our 45-foot container with Thermo King's refrigeration technology can move seamlessly between the different transport modes and offers almost identical loading capabilities when compared to standard 13.6m trailers. Plus our containers feature special corner fittings that ensure their legality throughout the EU. We are committed to helping our customers combat the many challenges they face to remain profitable, environmentally responsible and legislation-abiding."

Offering both a rental fleet and lease options, UNIT45 emphasizes innovation at the highest level and the use of high-quality materials, aimed at boosting the applicability of the 45-foot concept in practice. As an 'intermodal innovator,' the Rotterdam company is the undisputed market leader within this segment.

More information on UNIT45 can be found at www.unit45.com.

