

Press Release

Logista Integrates Its Fleet with Low-Impact Refrigerated Semi-Trailers

Thanks to Thermo King® AxlePower technology, Logista reduces CO₂ emissions and improves fleet efficiency.

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Logista, Europe's leading distributor of products and services for retail points, has received its first refrigerated semi-trailer equipped with Thermo King®'s AxlePower dynamic energy recovery system. Thermo King, a brand of Trane Technologies, is a leader in transport temperature control solutions. This initiative aims to reduce CO₂ emissions and enhance the efficiency of the company's refrigerated semi-trailer fleet, aligning with its ESG goals.

Thermo King AxlePower enables electric cooling with self-charging during transit. It is a fully integrated system, independent of the tractor unit, combining BPW's ePower axle with Thermo King's ENER-G-e battery pack and smart energy management technology.

The Thermo King Advancer refrigeration unit operates in silent mode with zero CO₂ emissions when running on battery power, allowing for sustainable transport over long distances, as well as in Ultra Low Emission Zones (ULEZs) and areas with noise restrictions. On average, an AxlePower system can reduce CO₂ emissions by 7.5 tons per year compared to a diesel-powered transport refrigeration unit (TRU), with reductions reaching up to 12 tons annually for semi-trailers operating around 3,000 hours per year.

The Thermo King AxlePower system uses intelligent self-generated energy management, dynamically monitoring road conditions and driving operations to maximize the recovery of kinetic and thermal energy through the semi-trailer's electric axle. Fleet managers can monitor battery charge status and vehicle performance in real time, ensuring efficiency without requiring driver intervention. Unlike other axle generators, AxlePower's sophisticated control system deactivates the electric axle during uphill climbs, preventing unnecessary fuel consumption, increasing operational efficiency, and reducing both operating costs and emissions.

Logista has already achieved an 84% rate of kilometers traveled using low-impact vehicles and aims to reach 90% by 2026, in line with its ESG commitments.

Pedro de Bernardo, Managing Director for Iberia and Poland at Logista, stated: *"With this integration into our fleet, we continue to innovate to offer increasingly sustainable services and reduce the carbon footprint of our transport division. To achieve this, we adopt technologies that support our decarbonization goals while also improving energy and operational efficiency."*

Claudio Zanframundo, President of Thermo King EMEA Truck, Trailer, Bus, and Global Marine, Rail, Air, added: *“As consumer demand shifts increasingly towards sustainability and efficiency, it is crucial to adopt low- or zero-emission supply chains. To reduce environmental impact and decarbonize cities, we must revolutionize how we use energy in transport, seizing every opportunity to recover and not waste available resources. AxlePower provides an innovative and efficient method for recovering energy during the daily operations of semi-trailers—energy that would otherwise be lost. With this system, we reduce emissions, fuel consumption, and reliance on external energy sources, contributing to the transition towards greener transport and meeting the growing environmental demands of the logistics sector.”*

About Logista

Logista is one of Europe’s largest logistics operators, specializing in the distribution of products and services to proximity channels. It regularly serves nearly 200,000 points of sale across Spain, France, Italy, Portugal, the Netherlands, Belgium, and Poland, offering the fastest and most efficient market access for a wide range of products, including convenience items, pharmaceuticals, electronic recharges, books, publications, tobacco, and lotteries. It also operates Spain’s largest transport network, certified for food safety.

Logista relies on a team of highly qualified professionals, with over 8,000 direct employees and numerous partners, including Nacex affiliates, Logista Parcel delegates, drivers, and more. Employees and collaborators work together to provide clients with the most efficient and tailored service possible.

In Italy, Logista has built one of the largest logistics and commercial proximity networks and is recognized as an efficient and neutral partner. With over 90 warehouses, it supplies 60,000 points of sale, ensuring an annual tax revenue of approximately €15 billion for the state.

Follow Logista on [LinkedIn](#) and learn more at [logista.it](#).

About Thermo King

Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport temperature control solutions. Thermo King has been providing transport temperature control solutions for a variety of applications, including trailers, truck bodies, buses, air, shipboard containers and railway cars since 1938.

For more information, visit [www.europe.thermoking.com](#) or [www.tranetechnologies.com](#).

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