



CASE STUDY

A specialist logistics company has saved an estimated **£50,000** in energy costs after choosing a bespoke battery/charging solution by Hoppecke Industrial Batteries for its new **26-strong fleet of materials handling trucks**.

Part of the Vaillant Group, TechnoCargo Logistics provides logistics services to the leading manufacturer of boilers, heat pumps and heating systems along with numerous plumbing supplies firms. Its distribution hub in Ripley, Derbyshire, moves around 5,000 pallets per day, involving 75 to 100 inbound and outbound lorry deliveries. Over 12 months, the facility forwards 1.2 million items, achieving a 99.98 per cent accuracy.



Motive Power: TechnoCargo Logistics makes huge savings with Hoppecke

The challenge

Since 2010 Hoppecke has helped to power vital materials handling equipment (MHE) operated by TechnoCargo Logistics. When the time came to update the equipment at its 250,000 sq. ft. facility, seven counterbalance forklifts, five reach trucks, 11 low level order pickers and three powered pallet trucks, supplied by Logisnext Mitsubishi, were brought in to improve operational efficiency.

At the same time, TechnoCargo Logistics opted to work with a new materials handling supplier. However, having enjoyed excellent levels of service and reliability from Hoppecke, and to maximise its new investment, Operations Manager Garry Sheppard insisted that Hoppecke was retained as part of the new MHE contract.

Hoppecke's solution

TechnoCargo Logistics instructed its equipment supplier to use Hoppecke batteries, as it had found them to be exceptionally efficient over the years.

Under the new contract, Hoppecke supplied a bespoke energy solution incorporating trak uplift air lead-acid batteries and charging system. Trak uplift

air batteries are equipped with a high-quality electrolyte circulation system, which shortens the charging time and so increases battery availability. Since the system effectively prevents the formation of acid stratification by selectively injecting air, there is markedly less stress on the battery compared with other mixing methods.



CASE STUDY

Major energy cost saving

Key benefits include a reduction in the number of replacement batteries required and a longer battery life. When deployed in conjunction with Hoppecke chargers, trak uplift air batteries are charged gradually and efficiently. Importantly, thanks to the system's fast and intermediate charging capabilities, even demanding 24/7 shift operations can benefit from this kind of solution.

For TechnoCargo Logistics however, the overriding advantage is the energy saving. The business is set to save around £50,000 a year in electricity costs.



Improved battery changing

As part of the energy solution Hoppecke also installed an upgraded version of its acclaimed MU battery changing system. It is the speed and accuracy of the magnetic removal system that simplifies and speeds up the process of removing batteries from trucks. This, in turn, not only reduces the degree of wear and tear on the equipment, but also further improves the efficiency of the TechnoCargo Logistics operation.

The provision of a bespoke energy system for TechnoCargo Logistics reflects Hoppecke's commitment to delivering the best possible service to its customers through cost-effective solutions tailored to their individual needs.



01782 667306 www.hoppecke.co.uk sales@hoppecke.co.uk



[/hoppeckeuk](https://twitter.com/hoppeckeuk)



[linkedin.com/company/hoppecke-batteries](https://www.linkedin.com/company/hoppecke-batteries)

Unit 2, Lowfield Drive, Newcastle-under Lyme ST5 0UU