



CASE STUDY

By switching to the latest electric forklifts powered by Hoppecke batteries, a specialist in portable and modular buildings has secured a sustainable materials handling solution across its 30 UK sites.

Part of the Modulaire Group, Europe and Asia Pacific's leading provider of modular temporary accommodation and turnkey solutions, Algeco has been addressing temporary space challenges for over 60 years.

Motive Power: Algeco goes electric to secure sustainable materials handling solution



The challenge

Primarily, the company required a solution that would align with its environmental, social and governance (ESG) strategy. The main challenge was to mitigate environmental impact. However, the business faced high running costs and downtime issues due to a non-standard fleet comprising more than 100 IC engine trucks, so these issues also needed to be addressed.

Partnership

To arrive at a cost-effective, sustainable solution Hoppecke partnered with Algeco's preferred supplier, materials handling specialist BJB Lift Trucks. Following a thorough investigation into carbon neutrality and a market review, Logisnext TCM, Kalmar Cartotec and Combilift were contracted to supply electric materials handling equipment.

Hoppecke's solution

In determining how best to power the fleet, BJB Lift Trucks once again conducted an in-depth analysis which involved discussions with several potential providers. The company assessed hydrogen cell technology as well as lithium-ion and traditional lead acid battery technology before choosing Hoppecke as its energy partner.

Hoppecke's package incorporated trak uplift air batteries plus customised service support from its own team of experienced engineers. Ultimately, this represented the most comprehensive energy solution. As well as meeting key operational objectives, it is set to deliver significant energy savings whilst also helping Algeco to reduce its carbon footprint.



CASE STUDY



Better availability, longer life

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.

Customers that deploy trak uplift air batteries benefit from a longer battery life and require fewer replacement batteries.

Driving future efficiencies

By taking the time to fully understand Algeco's set up, the Hoppecke team was able to target battery capacity and technology that will deliver trouble-free operation.

In addition, all batteries were fitted with Hoppecke's trak collect advance battery controller, which records battery draw, temperature and electrolyte level. The system reports to a live online platform where authorised personnel can view the data. When batteries require electrolyte topping, the module informs the Hoppecke service centre whose engineers

then visit the site to top the batteries.

Deploying a battery monitor not only enhances operational safety and promotes increased productivity, but also provides valuable truck performance data to help drive future efficiencies.

Meeting customer needs

At all times Hoppecke commits to providing its customers with support tailored to their specific requirements and in line with the available budget. Whether working directly with the end user or by partnering with industry experts, such as Algeco's materials

handling supplier, Hoppecke delivers the best possible service coupled with value for money.



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

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

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