

Press release

## **Energy transition on construction sites: Van der Spek invests in nine mobile Liebherr energy storage systems**

- By acquiring nine mobile Liebherr energy storage systems of the LPO 100 type, the Belgian construction machinery dealer Van der Spek strengthens its portfolio with sustainable energy solutions for construction sites.
- The innovative technology combines high reliability, economic efficiency and a significant reduction in emissions to meet the growing demands of modern construction projects.
- Some of the battery-based energy storage systems have already been sold to regional construction companies, while additional units will be made available for rental.

**In Ternat (Belgium), near Brussels, the construction machinery dealer Van der Spek expands its portfolio with reliable and sustainable energy solutions from Liebherr. The mobile energy storage systems are primarily used to support tower crane operations, particularly during early construction phases when local grid capacity is limited. Beyond construction sites, the systems also offer versatile application potential, including event technology and emergency power supply.**

**Baden (Switzerland), January 20, 2026** – With the purchase of nine mobile Liebherr energy storage systems of the LPO 100 type, Van der Spek consistently drives forward the electrification of construction sites. The investment is a part of a long-term strategy to future-proof the company's rental fleet of around 650 machines and to support customers in their transition to low-emission and efficient construction solutions.

Several of the energy storage systems are already in operation on construction sites in the region, while further units will be offered through Van der Spek's rental fleet. With this step, the Belgian dealer is responding directly to the growing market demand for battery-based energy storage solutions in the construction industry.

### **An alternative to diesel generators: low-emission, quiet and efficient**

With a gross energy capacity of 94 kWh each, the mobile Liebherr energy storage systems represent a powerful alternative to diesel generators, particularly in urban environments with strict noise and emission regulations.

Erik van Audenrode, sales director at Van der Spek, explains: "We witness a sharp increase in demand, especially at our subsidiary in France, where regulations aimed at reducing emissions on construction sites are already much more advanced. In urban areas, diesel generators are often no longer an option. Belgium and the Netherlands will follow – and we are well prepared for it."

The energy storage systems provide a stable and reliable power supply, operate almost silently, generate no local CO<sub>2</sub> emissions and significantly reduce logistical effort on construction sites.

## **Practical example: energy storage systems for tower crane operations**

The construction company Schoukensbouw, which has acquired two of the energy storage systems, is using them on a construction site in the municipality of Tubize. With a peak output of up to 110 kVA, one energy storage system reliably covers the energy and voltage peaks of a Liebherr 550 EC-H tower crane, ensuring a stable, sustainable and cost-efficient power supply when lifting heavy loads.

## **Outlook: expanding the energy storage and service portfolio**

In addition to their established role in supporting crane operations, Van der Spek sees further potential for mobile energy storage systems in areas such as event technology, the military sector and emergency power supply. This versatility makes the systems a flexible solution for a wide range of applications focused on reducing emissions, lowering operating costs and increasing supply reliability.

In 2026, Van der Spek plans to expand its range of energy storage systems, accompanying technology and services, and to strengthen its position as a pioneer of sustainable energy solutions in Belgian construction industry.

## **About Liebherr-Electronics and Drives GmbH**

Liebherr-Electronics and Drives GmbH is part of the international Liebherr Group. At two sites, Lindau and Biberach (airfield), the company develops and manufactures high-quality components and systems for the Group as well as for external customers. The fields of its activity include electric drive systems, electronics and control technology. In addition, Liebherr-Electronics and Drives GmbH offers its customers an extensive range of services – from development and production to qualification. About a quarter of the approximately 1000 employees work in research and development.

## **About the Liebherr-Components**

In this segment, the Liebherr Group specialises in the development, design and manufacturing of high-performance components in the field of mechanical, hydraulic, as well as electric drive and control technology. Liebherr-Component Technologies AG, based in Bulle (Switzerland), coordinates all activities in the Components product segment.

The extensive product range includes combustion engines, injection systems, engine control units, axial piston pumps and motors, hydraulic cylinders and piston accumulators, slewing bearings, gearboxes and winches, electric drive and energy storage systems, electronic and power electronics components, as well as software. The high-quality components are used in building construction and civil engineering, mining, tunnelling, machinery and plant construction, agriculture and forestry, wind industry, as well as maritime applications. Synergy effects with other product segments of the Liebherr Group are used to drive continuous technological development.

## About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest manufacturers of construction equipment in the world. It also provides high-quality, user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2024, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the staff have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

## Images



**liebherr-van-der-spek-lpo100-handover.jpg**

Key handover – a partnership full of energy, celebrated in style (f.l.t.r.):

Stefan Kohler and Joachim Eußem (both sales managers at Liebherr), Erik van Audenrode (sales director at Van der Spek), Jörgen Spapens (head of the storage park) and Stephan Lausmann (sales director battery-based energy solutions at Liebherr).



**liebherr-van-der-spek-lpo100-energy-storage-supplement-to-rental-fleet.jpg**

The nine Liebherr energy storage systems are the perfect addition to Van der Spek's rental and purchase offerings, providing a sustainable and innovative energy supply solution.



**liebherr-van-der-spek-lpo100-construction-site-schoukensbouw-tubiz.jpg**

Schoukensbouw, a construction company and customer of Van der Spek, uses two of its nine energy storage units to cover the peak loads of a Liebherr 550 EC-H tower crane.



**liebherr-van-der-spek-building-2025.jpg**

The company building showcasing the energy storage rental offering makes an impression.

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