

Press release

Liebherr awarded BOS 45000 heavy-lift offshore crane project in South Korea

- Liebherr successfully concluded an agreement for the delivery of one Board Offshore Crane BOS 45000 to Eunsung O&C Co., Ltd., headquartered in South Korea
- With a maximum boom length of 117 metres, the BOS is designed to meet current and future challenges in offshore wind turbine installation as well as in operation and maintenance
- The crane will be installed on the jack-up barge VEGA, which is scheduled to enter service in 2029

The new Liebherr BOS 45000 crane has been acquired by Eunsung O&C Co., Ltd., founded in 1989. The company is known for its expertise in ground improvement, foundation engineering and complex onshore and offshore infrastructure projects. The BOS 45000 will equip a jack-up barge that will install offshore wind turbines and carry out maintenance work in Asian waters.

Rostock (Germany), February 2026 – A new heavyweight enters the stage: The BOS 45000 of Liebherr sets course for South Korea's offshore wind horizon. With cutting-edge vessel engineering and a lifting capacity of up to 1,200 tonnes at a maximum reach of 22 metres, the crane is purpose-built for demanding offshore wind campaigns. Installed on the jack-up barge VEGA, it will deliver the power and precision required for large component installation, maintenance scopes and life-extension work across Asian projects.

With a track record spanning onshore and offshore ground improvement and foundation engineering, Eunsung O&C brings proven project discipline to the VEGA project. 'At Eunsung O&C, we take pride in delivering solutions that precisely meet our clients' needs at sea. Building on our experience from major international projects, we look forward to working with Liebherr to integrate the BOS 45000 on VEGA with the highest standards of safety, quality and reliability. This collaboration will help us to serve the offshore wind market with greater efficiency and confidence,' stated Mr. Hee-Sung Eun, President of Eunsung O&C.

Proven technology for offshore projects

The BOS series covers a broad spectrum of sizes, providing operators with the right tool for routine supply work through complex installation and maintenance tasks. Each model carries Liebherr's hallmark architecture: an A-frame with a lattice boom, wide walkways for safe access, and clear routing to all service points. The boom geometry enables long outreach with steady, accurate load handling, while the A-frame supports smooth luffing and integrates key service functions. Fast auxiliary hoists speed up everyday lifts and lighter duties.

'This crane concept has consistently proven its reliability and technical strength in offshore operations. For decades, this crane family has stood for dependable offshore lifting solutions. The new BOS 45000 continues this direction and shows how proven engineering can support the next generation of offshore wind projects. We are pleased to realise this project together with Eunsung O&C. Their structured way of working and clear focus on quality make them an excellent partner, and integrating the crane on VEGA is a meaningful step for both companies,' says Armin Seidel, Area Sales Manager at Liebherr Rostock.

Since the first BOS entered service in 1975, more than 500 units have supported offshore work in some of the world's most demanding environments, earning a reputation for reliability, serviceability, and long service life. The series has advanced continuously over five decades, adding smarter controls, refined ergonomics and enhanced operating features while preserving the robust A-frame, lattice boom and safe access that operators value.

Service excellence supporting operational success

Liebherr and Eunsung O&C have an established relationship. Most recently, a Liebherr Transform project in Suncheon, South Korea, extended the boom of an Eunsung O&C BOS 14000 by 24 metres to a total length of 84 metres. The modification was delivered in five weeks, ahead of schedule, by an international team of Liebherr service engineers from Hong Kong, Austria and Germany. The result equips the crane for future offshore operations and demonstrates coordinated execution, engineering depth and customer trust in the service of Liebherr.

Customers benefit from a global service network with trained technical advisers and experienced service engineers in more than fifty subsidiaries. The teams provide inspections, tailored maintenance programmes and training on site and at Liebherr centres. Remote support and customised solutions help operators sustain high availability and long-term productivity for maritime equipment. This structure enables short response times and consistent support across regions.

For the VEGA project, Liebherr South Korea will support installation, commissioning & testing (ICT) and will take care of ongoing service for the crane in South Korea, backed by the global Liebherr network. 'As the project moves forward, our focus in South Korea will be to ensure a smooth ICT process and to provide comprehensive lifecycle support. The recent boom extension for Eunsung O&C demonstrated how effectively our international teams can work together under tight schedules. We appreciate the confidence Eunsung places in Liebherr and look forward to supporting the BOS 45000 throughout its operational life,' states Eddie Park, Divisional Manager at Liebherr South Korea.

The crane construction of the VEGA project is scheduled to take place from summer 2026 to 2028, after which installation and integration on the VEGA platform are planned to be completed by middle of 2029, with commissioning and entry into service expected in 2029.

About Liebherr-Rostock GmbH

Liebherr-Rostock GmbH is one of the leading European manufacturers of maritime handling solutions. The product range includes ship, mobile harbour and offshore cranes. Components for container cranes are also included in the product portfolio.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product programme. The company is one of the largest construction equipment manufacturers 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 employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Images



liebherr-bos-45000-eunsung-1.jpg

The BOS 45000 offers extensive reach for demanding wind operations with its 117-meter boom.



liebherr-bos-45000-eunsung-2.jpg

Eunsung O&C and Liebherr partner to equip the jack-up vessel VEGA with the BOS 45000 for future offshore wind projects.

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