

Press release

The LR 11000 from Liebherr packs a punch: higher wind turbines and heavier nacelles

- **Verschoor expands its fleet with its most powerful crane to date**
- **LR 11000 proves its worth in initial use during the installation of two wind turbines at the Vanikum wind farm**
- **Liebherr's innovative strength and solid products win over customers**

In order to build taller wind turbines with corresponding hub heights and heavier nacelles in the future, the Dutch crane rental company Verschoor decided to acquire a Liebherr LR 11000 crawler crane. The company is thus meeting the requirements of wind turbine manufacturers by adding the most powerful crane to date to its fleet.

Ehingen (Donau), (Germany), 21 December 2023 – A new LR 11000 has joined the fleet of Dutch crane rental company Verschoor, which also includes two LG 1750 and an LG 1550. From port operations to infrastructure projects, this crawler crane covers a wide range of applications thanks to its boom variants. At Verschoor, the crane will primarily be used for wind power projects – the new LR 11000 has already proven itself during the installation of two new wind turbines at the Vanikum wind farm near the Dutch border in North Rhine-Westphalia.

The LR 11000 assembled various components such as the tower sections, nacelle and rotor blades at a height of 169 metres. At 117 tonnes, the heaviest single component was the gearbox. The crane was set up for the lifts with a 168 metre long main boom and 15-metre lattice type fixed jib. The LR 11000 is characterised by its economical transport concept and is designed for a transport width of 3.5 metres and a transport height of 3.2 metres. The V-frame® with its adjustment distance of 17 metres moves the derrick ballast into the required position and reduces the workload for ballast handling.

Lifting power was a key selling point

When choosing the LR 11000, Verschoor was primarily interested in the crane's large lifting capacity at height. "The lifting power of the LR 11000 is enormous," says Maarten Verschoor Jr. who now manages the company in its second generation. The ability to transport the crane within the weight limits also played a role in the company's purchase decision. "It was also important for us to have crawler cranes in our fleet in addition to jib cranes," adds account manager Peter Verschoor.

"For us, Liebherr is and remains the world's No. 1 crane manufacturer. The developments and inventions that Liebherr offers are progressive and fulfil our expectations. We appreciate the German down-to-earth

attitude and solidity,” says Verschoor Jr. with great satisfaction. Of the roughly 70 machines in his fleet, around half are Liebherr cranes. However, the LR 11000 is the largest and heaviest crane in Verschoor’s history. The Sassenheim-based company celebrated this milestone in style. In honour of the company’s founder, the crane was christened “M.V. Senior”. “I’m very proud to have lived to see this special moment and would never have imagined what we would achieve with our initial ‘small shop in Sassenheim’,” says a delighted Maarten Verschoor Sr.

About M. Verschoor B.V.

Founded in 1966 by Maarten Verschoor Sr., the Dutch company has now been active in the crane and transport sector at its Sassenheim location for 57 years. Verschoor currently employs more than 100 people and manages several brands within the company, including its sister company UCM Holland, which trades in used cranes and spare parts.

About Liebherr-Werk Ehingen GmbH

Liebherr-Werk Ehingen GmbH is a leading manufacturer of mobile and crawler cranes. Its range of mobile cranes extends from 2-axle 35 tonne cranes to heavy duty cranes with a lifting capacity of 1200 tonnes and a 9-axle chassis. Its lattice boom cranes on mobile or crawler travel gear deliver lifting capacities of up to 3000 tonnes. With universal boom systems and extensive additional equipment, they can be seen in action on construction sites throughout the world. The Ehingen site has a workforce of 4,300. An extensive, global service network guarantees the high availability of Liebherr mobile and crawler cranes. In 2022, the Liebherr plant in Ehingen recorded a turnover of 2.37 billion euros.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a widely diversified product range. The company is one of the largest manufacturers of construction machines in the world. However, it also supplies high quality, user-focused products and services in many other sectors. The group currently comprises more than 140 companies based in every continent of the world. In 2022, it had a workforce of over 50,000 and recorded a consolidated total turnover of more than 12.5 billion euros. The company was founded in 1949 in Kirchdorf an der Iller in southern Germany. Since then, its aim has been to win customers by supplying high quality solutions and to contribute to technological progress.

Images



liebherr-lr1000-verschoor-01.jpg

Verschoor 's LR 11000 on its first job at the Vanikum wind farm.



liebherr-lr1000-verschoor-02.jpg

The LR 11000 lifts a 75-metre-long rotor blade to a height of 169 metres for installation.



liebherr-lr1000-verschoor-03.jpg

Proud of the new addition (from left to right): Han Rekers und Martijn Esveldt (Liebherr) übergeben den Schlüssel an Maarten Verschoor Jr., Maarten Verschoor Sr. and Peter Verschoor, joined by crane drivers Robin Bogaers, Donny Bogaers, Ralph de Rooij und Ricardo Kruit.



liebherr-lr1000-verschoor-04.jpg

The LR 11000 lifts the nacelle onto the tower of the wind turbine.



liebherr-lr1000-verschoor-05.jpg

Soon they will be turning in the wind: the LR 11000 attaches the rotor blades.



liebherr-lr1000-verschoor-06.jpg

Crane operator Ricardo Kruit puts the LR 11000 into operation during its first lift at the Vanikum wind farm.



liebherr-lr1000-verschoor-07.jpg

The wind turbine is erected component by component.

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Published by

Liebherr-Werk Ehingen GmbH
Ehingen (Donau), Germany
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