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## Premiere for ENERCON: New BladeLifter from TII SCHEUERLE masters first rotor blade transports

**For the first time, the wind turbine manufacturer ENERCON has used its new SCHEUERLE BladeLifter to transport rotor blades. The transport solution, recently delivered by TII SCHEUERLE, was put to work during construction of the Olsbrücken Wind Farm in Rhineland-Palatinate, Germany, where it proved its performance under demanding conditions.**

At Olsbrücken, two additional ENERCON E-138 EP3 turbines with a hub height of 160 meters are currently being erected. Together with the existing units, the wind farm will supply a total capacity of 8.52 megawatts to the grid. The operator is juwi Beteiligungs GmbH & Co. NaturPower 4 KG, based in Wörrstadt. Commissioning of the new turbines is planned for early November.

The challenge involved transporting rotor blades roughly 223 feet long through tight village streets, across railroad crossings, and along narrow country roads. The SCHEUERLE BladeLifter G4 made its first appearance for ENERCON on this project. With its ability to hydraulically lift and tilt rotor blades by up to 60 degrees, the transports were completed safely and efficiently.

Björn Feddermann, Global Logistics Project Manager at ENERCON, stated: “The BladeLifter G4 opens up new opportunities for us in rotor blade transport. Especially with long components and complex routes, the technology gives us more flexibility and planning reliability. For our team, this first use was a real challenge – but both the machine and the crew handled it with flying colors.”

The successful transport was executed by the operator team led by Björn Feddermann, including Stefan Grote, Kevin Hellbach, Malte Tjarks, Klaus Richter, and Andre Engel. Their dedication and precise coordination were key to the smooth and safe completion of ENERCON’s first BladeLifter operation.

Beyond the technical advantages, ENERCON was also impressed by the overall package: TII SCHEUERLE’s transport solutions are well established, other systems are already in use within the company, and cooperation was outstanding. “We had an expert contact for every aspect, from A to Z, and our feedback was always taken on board,” said Feddermann.

Following the successful debut in Olsbrücken, ENERCON plans to use the BladeLifter again at the Bingen Wind Farm, near Sigmaringen on Lake Constance.

This innovative transport technology shows how heavy-duty equipment can actively support the expansion of renewable energy: with less impact on infrastructure, greater planning security, and higher efficiency – advantages ENERCON will continue to apply in future projects.

## Photos



The SCHEUERLE BladeLifter G4 in action for ENERCON: Transporting the approximately 68-meter-long rotor blades required navigating narrow farm roads and challenging terrain.



The SCHEUERLE BladeLifter G4 allows the hydraulic lifting and tilting of rotor blades by up to 60 degrees.



Precision work at night: Transporting the rotor blades through residential areas demands utmost attention and perfectly coordinated teamwork.



Over the tracks: With its raised rotor blade, the SCHEUERLE Bladelifter G4 safely crosses a railway line.



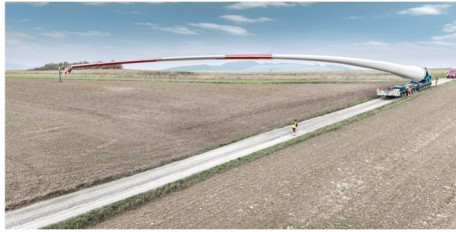
Between houses and streetlights – thanks to the BladeLifter's lifting and tilting function, there is enough clearance even in narrow urban areas.



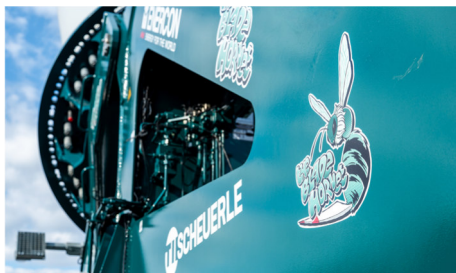
Safely through the curves: The team led by Björn Feddermann maneuvers the rotor blade transport on its way to the Olsbrücken wind farm.



Narrow, steep, and winding – the SCHEUERLE BladeLifter G4 masters even the most demanding routes.



The first deployment of the SCHEUERLE BladeLifter G4 was a success: The operator team led by Björn Feddermann ensured the smooth execution of ENERCON's premiere transport.



ENERCON gave its new SCHEUERLE BladeLifter a personal emblem – the “Blade Hornet.” The distinctive design symbolizes strength, precision, and team spirit.

## About TII Group

The TII Group, a company owned by the Heilbronn-based Otto Rettenmaier family, is a globally active manufacturer of heavy-duty and special vehicles and has a workforce of around 1,000 employees. The Group includes industry specialists, TII SCHEUERLE and TII KAMAG, and has production sites in Germany and India along with a worldwide organization of sales and service partners. With innovative vehicles for maneuvering and transportation operations, the TII Group, which is listed in the index of world market leaders, supports its customers in the transport and logistics sectors, building industry, plant engineering, air and space travel, shipbuilding, energy, steel and mining as well as yard logistics for realizing a wide range of complex transport tasks. The TII Group holds the current world record of over 23,000 tons for the transportation of extremely heavy loads on vehicles. TII stands for the tradition of innovation, customer orientation and partnership as well as for high product quality and sustainability in heavy-duty mobility.

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