

## **Liebherr LTM 11200-9.1 mobile crane installs Enercon E-101 wind power plant**

- Crane specialist Hartinger relies on 1200-tonner from Liebherr
- 63-ton machine housing mounted at 99 m hub height
- Hydraulically adjustable lattice jib does the job in practical applications

**Ehingen / Donau (Germany), September 2014 – Karl Hartinger Kranbetrieb GmbH & Co. KG in Warburg-Rimbeck, North Rhine-Westphalia relies on 1200-ton telescopic cranes from Liebherr. For lifting tasks that are usually carried out using lattice boom cranes, Hartinger uses the strong, flexible LTM 11200-9.1 and LTR 11200 telescopic cranes. In particular in the installation of wind power plants, this has proved to be very practical.**

Recently, Hartinger used the 9-axis LTM 11200-9.1 in Preussisch Oldendorf to install the 3 MW Enercon E-101 wind energy plant. The heaviest part, the machine housing, had to be mounted at a hub height of 99 m. The gross load including the lifting gear and hook block came to a total of 66.5 tons. The telescopic boom with Y-pattern guying was extended out to 82 m in length and a 31.6 m lattice jib mounted on it.

The hydraulically luffable top part, the 6.5 m long luffing lattice jib, also came in handy for this job. Crane operator Tjerk Thomiczek enthuses: "The hydraulically luffable lattice jib is unbeatable on this crane, because I can set up the entire E-101 from a single position. I never have to reposition – that's a huge advantage. Over the course of the installation, the extension was namely reduced from 19 m to about 10 m." The hydraulic luffing jib also permits particularly fine changes in outreach. That's especially important when installing elements at extreme heights.

Other advantages of the Liebherr LTM 11200-9.1 and LTR 11200 telescopic cranes are their short set-up times and their small footprint on the construction site. Moreover, comparatively little ballast needs to be transported to the work site. When setting up the E-101, the LTM 11200-9.1 required only 102 tons of ballast.

## **Karl Hartinger Kranbetrieb GmbH & Co. KG – Quick, competent solutions**

The crane company Hartinger, with headquarters in Warburg-Rimbeck, is a known and reliably quantity when it comes to solutions involving crane work and crane services in the areas of wind energy, heavy transport, façade cleaning and even moving factories. Qualified employees, the latest technology, and many years of experience set this company apart. Hartinger operates mobile cranes from 30 tons to 1200 tons of capacity, most of which are of Liebherr manufacture. In addition to telescopic and special cranes, there are also a variety of vehicles available for salvage and machine transport, forklifts and work platforms, and machines for façade cleaning. Subsidiaries in Holzminden, Korbach, and Brilon ensure the rapid availability of personnel and equipment.

### **Caption**

liebherr-mobile-crane-LTM-11200-9-1-hartinger.jpg:

Liebherr LTM 11200-9.1 mobile crane during the installation of an Enercon E-101 wind power plant

### **Contact**

Wolfgang Beringer

Telephone: +49 7391 502-3663

Email: wolfgang.beringer@liebherr.com

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[www.liebherr.com](http://www.liebherr.com)