

Anything's possible with Liebherr's VarioBase® and VarioBallast®

- Liebherr LTM 1250-5.1 dismantles construction crane on a very constricted site
- Modern features enable crane to be set-up in a narrow alley
- New LTC-1050-3.1 operated by Kran-Maier attracts massive praise

Ehingen / Donau (Germany), 14 January 2019 – A Liebherr LTM 1250-5.1 mobile crane dismantled a construction crane in the old town of Landshut in Bavaria in very difficult conditions. The innovative features of VarioBase® and VarioBallast® were essential for setting up the crane in a narrow alley. The work was carried out by Landshut-based Kran-Maier.

The dismantling of a construction crane from a rear yard in the old town of Landshut was carried out using a Liebherr LTM 1250-5.1 mobile crane in an alley measuring just eight and a half metres in width. To ensure that the crane could slew in the alley featuring four-storey town houses, crane operator Martin Auer from Kran-Maier set the 88 tonnes of ballast to a reduced radius of 4.78 metres. This solution is one of the main benefits of this 250-tonne crane when used in constricted set-up conditions. Thanks to the VarioBase® variable support program, which enables each of the supports to be positioned individually, it was even possible to keep a route open for pedestrians to pass. The supports were extended to around 75 percent on the side facing away from the load, leaving enough space for passers-by, many of whom took the opportunity to watch the unusual events from as close as possible.

In the cabin of the Liebherr crane, however, there was only intense concentration. Crane operator Auer had to carefully manoeuvre the main boom on his 250-tonne crane between two gable ends to gain access to the tower sections of the construction crane with the required radius of 40 metres.

Brand new LTC 1050-3.1 fits lattice boom to LTM crane

The team from Kran-Maier, a Landshut-based family-run company, arrived early in the morning to set up the mobile crane in the old town. They completed the assembly of the twelve meter lattice jib using the latest addition to the crane fleet, a brand new

Liebherr LTC 1050-3.1. Kran-Maier primarily purchased this compact crane for assembly work and indoor jobs, such as the installation of gantry cranes and structural steelwork. “But now we are attracting a great deal of praise for our LTC from builders of prefabricated houses”, says Susanne Maier, who manages the business with her father Erich. “The lift cabin means that this crane is now very popular in this sector as well for the installation of air conditioning units, for example. The elevating cabin provides the crane operator with a fantastic view of what is happening.”

The family-run business was founded in 1938 as a truck workshop. It now has a workforce of 25 and relocated to new premises just outside Landshut two years ago. Among other equipment, the company has ten mobile cranes, the most powerful one of which is the Liebherr LTM 1250-5.1.

Captions:

liebherr-ltm-1250-5-1-maier-landshut-motiv01.jpg

The heaviest part – a gross load of seven tonnes on the hook of the LTM 1250-5.1 in the form of the construction crane’s main boom.

liebherr-ltm-1250-5-1-maier-landshut-motiv02.jpg

Almost complete – crane operator Martin Auer installs the wind gauge on the lattice boom of his mobile crane in the morning. In the background you can see the brand new LTC 1050-3.1.

liebherr-ltm-1250-5-1-maier-landshut-motiv03.jpg

Kept open by VarioBase® – the way through is kept open for pedestrians – the right-hand crane supports are extended by around 75 percent.

liebherr-ltm-1250-5-1-maier-landshut-motiv04.jpg

Very little room – the LTM 1250-5.1 took care of dismantling of the construction crane from this narrow alley.

liebherr-ltm-1250-5-1-maier-landshut-motiv05.jpg

Difficult – the telescopic boom had to be manoeuvred between gable ends to reach the load with a radius of 40 metres.

liebherr-ltm-1250-5-1-maier-landshut-motiv06.jpg

When there's no room to spare – the main jobs for Kran-Maier's brand new LTC 1050-3.1 include indoor work, structural steelwork and prefabricated house erection.

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