

Press release

An LTM 1250-6.1 helps renovate the largest church in Hungary

- Liebherr mobile crane helps renovate Esztergom Cathedral (Hungary)
- An LTM 1250-6.1 from Prangl lifted the dome and large six-tonne bell from cathedral's south tower
- The LTM 1250-6.1 provides sufficient lifting height with a 72-metre telescopic boom

A Liebherr LTM 1250-6.1 mobile crane from the Austrian crane company Prangl GmbH was used during the restoration of Saint Adalbert's Cathedral in Esztergom. Coincidentally, Esztergom is twinned with Ehingen, the headquarters of Liebherr mobile and crawler crane production – the LTM 1250-6.1 was also built there. During the restoration of Esztergom Cathedral, the 6-axle crane lifted the roof dome and a large six-tonne bell from one of the towers.

Ehingen (Donau) (Germany), 19 December 2022 – The LTM 1250-6.1 owned by Austrian crane company Prangl GmbH was deployed on a special assignment in Esztergom, a city located in the north of Hungary. Besides being the former Hungarian capital, Esztergom is also twinned with Ehingen, where Liebherr builds telescopic and lattice boom cranes on mobile and crawler chassis. The LTM 1250-6.1 mentioned here, which is operated by the Prangl branch in Budapest, was also built there.

One of the landmarks of Esztergom is Saint Adalbert's Cathedral. It was built around the year 1000 AD, but was destroyed in a fire in the 12th century. After it was rebuilt, the bishops had it enlarged and embellished repeatedly over the following centuries. After being destroyed again, it was rebuilt once more in the 19th century, which took 47 years. Today it is the largest church in Hungary.

In the course of the current restoration of the cathedral, the large bell, weighing almost six tonnes, had to be lifted out of its tower so that the appropriate work could be carried out on it. To prevent damage to the windows and walls, it was necessary to remove the entire roof structure of the dome. An LTM 1250-6.1 from Prangl was given this task.

"The time pressure was particularly challenging on this job. For the complete operation – all tower and bell parts had to be lifted out – the time window was limited to less than two days. The original plan was to use a smaller crane with an auxiliary boom. However, due to the time pressure, this was not possible. That's why we chose our LTM 1250-6.1 for the job. The work was no problem for the 250-tonne crane with its 72-metre-long main boom," explains Gábor Kopasz from the Budapest branch of Prangl-Hungaria Kft. At a height of around 70 metres, the LTM 1250-6.1 lifted the roof structure with its five extended telescopic sections and lowered it to the ground. This made it possible to lift the large bell out of the tower.

Due to the limited space, the operation had to take place above a basement construction. In order to guarantee safe working conditions, the supports were underlaid with special steel base plates.

The roof structure and the bells are being restored on site right next to the basilica. Members of the public can view the ongoing work from an observation platform. The reconstruction of the cathedral is planned for spring 2023. Prangl has also been commissioned to perform the lifting work for this project.

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 crane chassis 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 3,800. Extensive, global service guarantees the high availability of Liebherr mobile and crawler cranes. In 2021, the Liebherr plant in Ehingen recorded a turnover of 2.33 billion euros.

About the Liebherr Group

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents. In 2021, it employed more than 49,000 staff and achieved combined revenues of over 11.6 billion euros. Liebherr was founded in Kirchdorf an der Iller in Southern Germany in 1949. Since then, the employees have been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

Images



lwe-ltm-1250-6-1-prangl-esztergom-1.jpg
A Liebherr LTM 1250-6.1 from Prangl on site in front of the cathedral in Esztergom.



lwe-ltm-1250-6-1-prangl-esztergom-2.jpg
One of the landmarks of Esztergom: Saint Adalbert's Cathedral.



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The LTM 1250-6.1 removes the roof dome from the cathedral tower.

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