

Frost protection for King Ludwig II's palace garden

- Three castle fountains on Chiemsee's Herreninsel made ready for winter
- Liebherr LTM 1060-3.1 from BKL transported to the island by cargo ferry
- Mobile crane directs enormous scaffold hood over fountains

Ehingen / Donau (Germany), 4 April 2019 – Every autumn, when the streams of visitors to Herrenchiemsee Palace start to dwindle, the park next to this magnificent building on the island in Chiemsee is made ready for winter. In addition to clearing thousands of plants in the gardens, this also includes protecting the fountains there from frost. A mobile crane owned by BKL Baukran Logistik GmbH was driven from the company's headquarters to the largest of the Bavarian lakes in November with the job of hoisting large scaffold hoods over these fountains, some of which are enormous.

Before dawn, the Liebherr LTM 1060-3.1 mobile crane rolled onto the cargo ferry at the pier on the north bank of the lake. This small car ferry, which normally ships craftsmen and vans over the lake, safely transported the crane on the short crossing of around one kilometre to Herreninsel. Its destination was the palace's parks, which were built on the island around 1880 by King Ludwig II of Bavaria, who took his inspiration from the Palace of Versailles near Paris. To protect the large fountains from snow and frost, large scaffold hoods are erected every autumn over the fountains which feature numerous figures, and then covered with tarpaulins.

The individual metal constructions used to make the hoods for the fountains had been assembled in the days leading up to the mobile crane's arrival next to the fountains. Since the mobile crane had to be assembled outside the giant drained water basins, a radius of 24 metres was required to erect the scaffold elements, which weighed over two tonnes. Dariusz Jagiello had extended the boom on his Liebherr crane to 45 metres for this purpose. The experienced crane operator lowered his loads precisely over the fountains, measuring up to 13 metres in height, with extreme care and following the instructions of the fitters. This required the crane control system to execute manoeuvres with millimetre precision as the scaffold components had to be

positioned from a suspended position on the elements which had already been installed and then connected to them.

When a metal scaffold had been completed, long plastic tarpaulins were attached to the hook block and hoisted to the apex of the dome. Covered in this way to protect them from snow and rain, the palace fountains will be kept dry throughout the winter.

Captions

liebherr-ltm-1060-3-1-bkl-herrenchiemsee-motiv1.jpg

On its way – the cargo ferry crossed Chiemsee to Herreninsel with the mobile crane on board before dawn.

liebherr-ltm-1060-3-1-bkl-herrenchiemsee-motiv2.jpg

A royal backdrop – the LTM 1060-3.1 places the dome for the scaffold construction over one of the two large fountains in front of the impressive facade of Herrenchiemsee Palace.

liebherr-ltm-1060-3-1-bkl-herrenchiemsee-motiv3.jpg

Winter clothing – long tarpaulins over the scaffold construction will protect the fountains from snow and rain until the spring.

liebherr-ltm-1060-3-1-bkl-herrenchiemsee-motiv4.jpg

Almost there – Dariusz Jagiello assembles his crane for the last time in late afternoon at the Latona Fountain. One of the fountains which has already been covered can be seen in the background.

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