

Press information

Liebherr crane helps renovate historic building

- L1-32 hydraulic fast-erecting crane provides reliable support in the reconstruction of an old building
- Infinitely variable drives enable optimal handling and quiet operation
- Positioning in inner courtyard possible thanks to compact slewing radius of only 2.2 metres

With its hook height of 21.3 metres, the L1-32 from Liebherr towered over all the buildings in the tranquil mountain village of Goriano Valli. The hydraulic fast-erecting crane assisted with the reconstruction of a historic residential building in central Italy, which had been damaged in an 2009 earthquake affecting the Abruzzo region. Tight site conditions and a variety of loads required a compact and powerful construction machine. This was the first ever job for the L1-32 belonging to customer Iarossi Enrico & C. Sas.

Goriano Valli (Italy), 30 March 2023 – “The construction company Iarossi Enrico & C. Sas. bought the L1-32 through us specifically for this project and is especially impressed by its reliability and quiet handling,” says Tania Colatriano, managing director of the local Liebherr dealer Colatriano Group srl. The crane offers a maximum lifting capacity of 4,000 kilograms and a jib head load capacity of 1,050 kilograms at a 30-metre radius. This makes the crane ideal for the construction and renovation of larger detached houses and smaller apartment buildings.

Thanks to its clever control and drive technology, crane operation is both easy and efficient. The Speed2Lift function, for example, saves time when handling loads as it automatically selects the maximum speed possible for the load in question. And the assistance system Micromove ensures precise and safe placing. Plus, the crane operator always has all the information they need in view on their radio remote control with graphic display.

Impressive handling

The crane moved bricks, roof panels, wooden elements and more on the construction site in Italy. “Thanks to its infinitely variable drives, the crane delivered excellent handling performance and was quiet in operation,” says Enrico Iarossi, managing director of construction company Iarossi Enrico & C. The village is located in the heart of the Parco Regionale Sirente-Velino nature reserve. The reconstructed building “Consorzio Palazzo Angelantoni 1700” was built in the 18th century and originally housed one of the first known pharmacies in the region. Today, the building contains a private apartment, guest accommodation and a restaurant.

To fully utilise the reach of the bottom-slewing crane with its 30-metre jib, the crane was positioned in the inner courtyard. However, there was only limited space for the crane there. The L1-32's small slewing

radius of only 2.2 metres proved helpful here. As is typical for Italian villages, access roads to the site were narrow. Because of its compact wheel spacing and overall length of just 13.3 metres when folded, it was possible to manoeuvre the L1-32 through the streets and back again without any difficulty.

The L1 series

“We were totally satisfied with the L1-32 and are already looking forward to its next assignments,” says shareholder Carlo Iarossi. The crane was in use in the Italian village from 2020 to the end of 2022. Compact and powerful – these qualities are perfectly combined in the machines of the L1 series. In addition to the L1-32, the series also includes the L1-24, which offers a maximum lifting capacity of 2,500 kilograms and a radius of either 25 or 27 metres.

About the Colatriano Group and Iarossi Enrico & C.

The Colatriano Group srl, based in Città Sant'Angelo (Abruzzo), was founded in 1985. Its core business is the sale and rental of construction machinery in the Italian regions of Abruzzo, Molise and Marche. The company also offers services covering all aspects of construction machinery operation through its qualified service team. The construction company Iarossi Enrico & C. Sas, based in Goriano Valli (Abruzzo) and San Demetrio (Abruzzo), has been active in the construction industry for over 50 years and concentrates on new builds, renovations and the refurbishment of historic buildings, especially in the Abruzzo region. The company also has many years of experience in making buildings earthquake resistant.

About the Liebherr Tower Cranes Division

More than seven decades of experience have made Liebherr a recognised specialist for lifting technology on all types of construction sites. The range of Liebherr Tower Cranes encompasses an extensive selection of high-quality tower cranes that are used worldwide. This includes fast-erecting, top-slewing, luffing jib and special-purpose cranes as well as mobile construction cranes. In addition to these products, Liebherr also offers a wide range of services that complete the company's portfolio: Tower Crane Solutions, the Tower Crane Center and Tower Crane Customer Service.

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 world's largest manufacturers of construction machinery. It also offers high-quality, user-oriented products and services in multiple other areas. Today, the group consists of more than 140 companies across all continents. In 2021, it employed more than 49,000 people and achieved combined revenues of over 11.6 billion euros. Liebherr was founded in 1949, in Kirchdorf an der Iller in southern Germany. Ever since then, the company's employees have been committed to satisfying customers with advanced solutions and to helping drive technological progress.

Images



liebherr-l1-32-goriano-valli-01.jpg

The L1-32 was able to slew above the building and reach every part of the site without difficulty thanks to a 21.3-metre hook height and a reach of 30 metres.



liebherr-l1-32-goriano-valli-02.jpg

Looking pleased with the L1-32's successful first deployment (from left): Enrico Iarossi (Iarossi Enrico & C. Sas), Marco Bonicardi (Liebherr Italia S.p.A.), Tania Colatriano (Colatriano Group srl) and Carlo Iarossi (Iarossi Enrico & C. Sas).

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