

Press release

## **Job-sharing at Bracht – LTM 1450-8.1 fast-erecting crane impresses in tandem hoists**

- Liebherr LTM 1450-8.1 designed for use as a fast-erecting crane
- Economical jobs featuring tandem hoists in Duisburg and Oberhausen

**Liebherr designed its 8-axle LTM 1450-8.1 crane for worldwide cost-effective mobility and fast, easy setup on site. It is capable of travelling on public roads with a 12-tonne axle load including its complete 85 metre telescopic boom, all four outriggers and the hoist winch. This enables it to be prepared for use very quickly once it reaches the site. It also means that two of these fast-erecting cranes completing hoists in tandem can sometimes be more economical than using a single large crane. In fact, this is a recurrent theme at crane and heavy haulage specialist Franz Bracht Kran-Vermietung GmbH.**

Ehingen / Donau (Germany), 1 February 2021 – One LTM 1450-8.1 travelled from the Recklinghausen site and its twin from Bracht's Duisburg site, each with 124 tonnes of ballast, to dismantle an 80 year old crane track in Duisburg port. The weight of the steel structure was quoted at 200 tonnes. However, soon became apparent on site that the crane track was significantly heavier than this. It was therefore decided to remove an overhang weighing 30 tonnes using flame cutters, whilst it was being held by one of the two LTM 1450-8.1 cranes, which then placed it on the ground.

The remainder of the construction, which then weighed around 200 tonnes, was dismantled as planned in a tandem hoist by the two 450 tonne cranes without any problems. This was a genuinely quick job – the two cranes were ready to go at six o'clock in the morning and the whole job was finished by three in the afternoon.

Exactly one week later and around 20 kilometres away, the LTM 1450-8.1 from Duisburg shared a heavy load job with an LTM 1400-7.1 from the company's Unna site. A 110 tonne turbine had to be hoisted out of a barge at the port of Oberhausen. With lifting tackle and a triangular yoke, this meant that the gross load was 120 tonnes which the two cranes had to manage at a radius of 15.6 metres.

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The heavy load had to be slewed between the two cranes from the barge onto the heavy haulage vehicle sensitively and with a great deal of finesse. From attaching the load to placing it on the vehicle, the hoist lasted just 45 minutes – a quick job by any measure.

The Bracht Group, comprising Franz Bracht Kran-Vermietung GmbH, Hofmann Kran-Vermietung GmbH & Co. KG and Wilden Kran-Vermietung GmbH employees 740 people and operates around 250 cranes. The majority are supplied by Liebherr. The group's main areas of business are the provision of crane services of all types, particularly in the lifting capacity range above 500 tonnes. The company also provides heavy haulage services. Hofmann Kran-Vermietung GmbH & Co. KG also has 200 work platforms for rental.

#### **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 3,500. Extensive, global service guarantees the high availability of Liebherr mobile and crawler cranes. In 2019, the Liebherr plant in Ehingen recorded a turnover of 2.1 billion euros.

#### **About the Liebherr Group**

The Liebherr Group is a family-run technology company with a widely diversified product range. The company is one of the largest manufacturers of construction machines in the world, but also supplies technically advanced, user-focused products and services in many other sectors. The group currently comprises more than 140 companies based in every continent of the world, has a workforce of over 48,000 and recorded a consolidated total turnover of more than 11.7 billion euros in 2019. Since it was founded in 1949 in Kirchdorf an der Iller in southern Germany, Liebherr's aim has been to win customers by supplying high quality solutions and to contribute to technological progress.

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## Photographs



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30 tonnes of the 80 year old crane track were removed using flame cutters and placed on the ground by an LTM 1450-8.1.



liebherr-bracht-ltm1450-8-1-duisburg02.jpg

200 tonnes on the hooks of Bracht's two LTM 1450-8.1 from Duisburg and Recklinghausen.



liebherr-bracht-ltm1450-8-1-oberhausen01.jpg

The crane operators unload the turbine from the barge in Oberhausen and slew the heavy load between the two cranes.



liebherr-bracht-ltm1450-8-1-oberhausen02.jpg

The 110 tonne turbine is positioned on the waiting heavy haulage vehicle.

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