

JOB REPORT

Bergheim, Austria on October 28, 2021

PALFINGER: Easily Lifted Over the Roof

Wherever space is tight and the utmost precision required, the PK 58.002 TEC 7 loader crane from PALFINGER is the ideal solution. Like when a 400-kg Jacuzzi has to be lifted over a house into the yard, for instance. Which was the case in Surheim, Germany.



Its additional knuckle boom system – the so called fly jib – allowed the PK 58.002 TEC 7 loader crane to make the most of its strengths and to achieve the greatest possible reach. ©PALFINGER

Crane operator Gerhard recalls that the weather was fine: “There was light cloud and no wind. Just perfect. And the next-door neighbor was just astounded.” No wonder: it’s not every day you see a 400-kg Jacuzzi floating through the air. Fast, safe, no problem. Despite that, this pool maneuver certainly posed a challenge for the plumbing firm of Reichart in Saaldorf-Surheim, Germany. Because the Jacuzzi, so eagerly anticipated by the customer, had to be lifted over the house from the road into the back yard. It could have been done with a digger, says master plumber Christian Reichart, explaining the challenge, “but then the garden would have been damaged. So that was not an option.”

Smart and easy lifting: 400 kilos

Another solution had to be found. One that allowed the Jacuzzi to be lifted safely from the road to behind the house. This is where PALFINGER crane operator Gerhard and the PK 58.002 TEC 7 loader crane came in. The perfect combination of experience and technological possibilities. And in this case, both were needed. In the narrow dead-end street, Gerhard had to choose a position allowing him to lift the pool into the back yard but avoiding the roof of the house: “There was a risk of damaging the solar panels.” So he chose a position from which he could lift it over the garage roof. “The preparations were perfect. The loader crane was ideally configured to lift the 400 kilograms over the required reach and place them safely on the terrace,” says Gerhard. A mobile crane might have had difficulties on account of the approach path for aircraft to Salzburg Airport.

Maximum stable with highest outreach

Its additional knuckle boom system – the so called fly jib – allowed the PK 58.002 TEC 7 loader crane to make the most of its strengths in this situation and to achieve the greatest possible reach at a significantly lower height while at the same time clearing projecting edges with no difficulty. The P profile, on the other hand, gives the crane's entire extension boom system great torsion stability and supports fast and precise work steps. "That's an important aspect of operation for me," says Gerhard. The same applies to the control system, which must guarantee great precision especially where space is tight, as in the dead-end street, and does so thanks to the P7 radio remote control, as the experienced crane operator points out. Gerhard nevertheless experienced a first on this job: "I tried out the new Smart Control function during this operation for the first time and am really impressed that after the P7 it was possible to make operation even easier and smarter. Lifting the Jacuzzi down centrally with practically a single lever was never easier."

Precisely placed

The combination of these advantages produced a strong and convincing performance in Saaldorf-Surheim. In a confined space, the 400-kg load was lifted quickly and easily and set down with pinpoint accuracy. Also the customer Christian Reichart is convinced that "That was the fastest and most efficient solution available to us."

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ABOUT PALFINGER AG

PALFINGER is an international technology and mechanical engineering company and the world's leading provider of innovative crane and lifting solutions. With over 11,600 employees, 34 locations and a worldwide sales and service network of around 5,000 service points, PALFINGER guarantees customers immediate and optimal proximity.

As the leader in its engineering field, the company aims to ensure its partners' business success in the long term by providing solutions and products that remain economically and ecologically viable in the future. Its broad product and model portfolio allow PALFINGER to take digitalization and the deployment of artificial intelligence to new levels.

As a global company with strong roots in its home region, PALFINGER is convinced that thinking and acting in the interest of sustainability plays a vital role in successful business operations. That is why the company assumes social, ecological and economic responsibility along the entire value chain.

PALFINGER AG has been listed on the Vienna Stock Exchange since 1999 and achieved a revenue of EUR 1.53 billion in 2020.

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