

Wiesbauer's Liebherr MK 140 mobile construction crane working in Frankfurt's banking area

- Multi-day roofing job
- No need to cordon off the full area thanks to the MK 140 mobile construction crane
- New elevating operator's cab for more comfort

Biberach / Riss (Germany), 05 December 2016 – The Liebherr MK 140 mobile construction crane operated by Wiesbauer GmbH & Co. KG was recently involved in roofing work in Frankfurt's banking area. The area did not have to be cordoned off completely thanks to its small footprint.

An office building with three lower and nine upper storeys is currently being erected in Frankfurt City Centre. The Liebherr MK 140 mobile construction crane was first used on this site in July to hoist steel girders in and out. The MK 140 completed two more multi-day jobs on the site at the end of August and beginning of September for moving roofing materials such as gratings.

The main benefits of the MK 140 were already demonstrated whilst the crane was being assembled – its small footprint meant that the mobile construction crane could be assembled at a distance of just 9.5 m from the building. That meant that only half the road had to be cordoned off. Another feature is that the new automatic setup status detection system means that incorrect entries by the crane driver during the configuration process are not possible. That ensures greater safety on site.

The new VarioJib concept has two modes for operating the Liebherr MK 140 mobile construction crane – standard trolley mode and luffing mode. In Frankfurt, the MK 140's jib was set at an angle of 45° and used in trolley mode – in this configuration the lifting capacity at the jib head with a maximum radius of 58.5 m is 1.9 tonnes. A radius of 40 m was required to hoist the roofing material weighing up to 1.8 tonnes onto the 50 m high office building in Frankfurt.

Crane driver Günter Sliwa has been only driving MK cranes from Liebherr for years as a result of their infinitely adjustable elevating operator's cab. In his view, the new cab

on the MK 140 is even better than the old one in many respects as it provides a much better view and is much more roomy and comfortable. The crane driver is completely satisfied with this crane series. "And if something suddenly doesn't work, the Liebherr service hotline is very friendly and helpful. To date, errors have been rectified within a maximum of 30 minutes", says Günter Sliwa.

Film showing the job in Frankfurt's banking area:

<https://www.youtube.com/watch?v=wlhK9a-B9s>

Technical data

	Luffing mode	Trolley mode
Max. lifting capacity	1,700 kg	8,000 kg
Lifting capacity at max. radius	1,700 kg	1,900 kg
Max. radius/radii	60.0 / 62.5 / 65 m	58.5 m
Max. hook height(s)	89.7 / 92.0 / 94.4 m	75.5 m

Captions

liebherr-mobile-construction-crane-mk140-wiesbauer.jpg

The Liebherr MK 140 mobile construction crane working on roofing in Frankfurt's banking area.

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