

Liebherr Tower Cranes – everything from planning to dismantling from a single source

- Construction of a new production line at Schelklingen cement works whilst operations continue
- Liebherr provides planning, rental, assembly, service and dismantling work from a single source
- 1000 EC-H 50 Litronic climbs to a height of 163.4 m

Schelklingen (Germany), 31. March 2017 – The Liebherr Tower Cranes Division planned and completed a job for a 1000 EC-H 50 Litronic in Schelklingen down to the very last detail. A new klinker production line is currently being built there whilst the cement works continues to operate normally.

After Thyssenkrupp AG had been awarded the order by the customer HeidelbergCement, the planning phase conducted by the Liebherr Tower Crane Solutions Department working closely with Thyssenkrupp started in mid-2015. Together the team developed the most economical solution for the construction of the production line using a 1000 EC-H 50 Litronic tower crane.

Since the new plant had to be built whilst the cement works continued to operate normally, there was very little space available for the crane. This meant that only a tower crane could be used since there was not enough space for any other type of crane system. The Liebherr 1000 EC-H 50 Litronic tower crane is able to hoist the highest planned load of 32 t with a radius of 31.5 m with ease.

A 1000 EC-H 50 Litronic from the fleet of the centre for used and hire tower cranes, the Tower Crane Center, was used for the job. The service package naturally also included the provision of Liebherr erection engineers. This meant that the customer received everything it required direct from the manufacturer and all from a single source.

In mid-February, the tower crane was assembled by two Liebherr mobile cranes, an LTM 1500 and an LTM 1100 provided by Felbermayr subsidiary Wimmer Maschinentransporte. For the construction of the new klinker production line, the tower

crane was assembled in free-standing form up to 77.9 m and at a later date, using three guying systems on the building it will achieve a final hook height of 163.4 m and operate with a radius of up to 50 m. It is due to continue working in Schelklingen until mid-2018.

Captions

liebherr-towercranes-1000ec-h-schelklingen-assembly.jpg

Two Liebherr mobile cranes assemble a Liebherr 1000 EC-H 50 Litronic tower crane.

liebherr-towercranes-1000ec-h-schelklingen.jpg

The 1000 EC-H 50 Litronic in action building a new klinker production line at the Schelklingen cement works.

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