

Liebherr 85 EC-B 5i Flat-Top Crane at the 2014 bC India

- Specially adapted to the Indian market and inner-city needs
- Maximum load capacity of 5,000 kg
- 85 LC tower: Cross-section of only 1.2 x 1.2 m

Biberach / Riss (Germany), 15 December 2014 – At the 2014 bC India in Greater Noida, Liebherr is presenting the 85 EC-B 5i Flat-Top Crane. This crane model is being assembled at Liebherr's Pune plant since 2012. The 85 EC-B 5i has a maximum load capacity of 5,000 kg and can lift 1,300 kg at the jib end, up to a maximum working radius of 50 m.

Liebherr is exhibiting the successful 85 EC-B 5i Flat-Top Crane which is specially adapted to the Indian market and inner-city needs. When the 85 EC-B 5i was developed, the emphasis was not only on the superstructure but also on the low-width 85 LC tower system, which has been optimally matched to the new crane and has new pin connectors among the many features that qualify it ideally for inner-city operation.

A typical situation when working in town and city centres is limited space. A decisive advantage is that the dimensions of all the assemblies of the new 85 EC-B 5i are so compact. The new 85 LC tower system has a cross-section of only 1.2 x 1.2 m, which simplifies both transportation and erecting work if the inner-city site is small or access is difficult. The 85 LC tower can climb to extreme heights when used outside the building. If other structures prevent this, the new climbing tower can be installed in an elevator shaft. The 85 EC B 5i City Crane can be erected quickly and safely in just about every gap in the building line.

The 85 EC-B 5i, like all Liebherr Flat-Top Cranes, features Liebherr's "Connect and Work" erecting technology as well as the patented LiConnect jib connector and electrical connections for the drives and switchgear.

In operation in India

Especially if reliability and high hook heights are required, Flat-Top cranes from Liebherr are employed. At present, several 85 EC-B 5i Flat-Top cranes are at work in India, mainly in Pune, Delhi, Mangalore and Mumbai, where they climb upwards inside as well as outside the buildings according to the progress of the construction works.

In Noida, an 85 EC-B 5i is used as internal climbing crane on the "Amadeus" project where a building with 36 floors will be completed by the end of 2016. In the final stage of the project, the 85 EC-B 5i will reach a hook height of more than 130 m.

Another project is Panchshil Towers in Wagholi, Pune. This residential building project covers an area of 17 acres. The 85 EC-B 5i is used as internal climbing crane for works at the highest building and will reach its maximum hook height at approx. 110 m.

Caption

liebherr-flat-top-crane-85ec-b5i-orchid-tower-india.jpg

The Liebherr flat-top crane 85 EC-B 5i, which is specially adapted to the Indian market, on the job in Delhi, India.

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