

# Tower Cranes



**LIEBHERR**



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# Liebherr Group of Companies

Liebherr was founded in 1949 by Hans Liebherr. The company has now developed into a group of companies with a workforce of over 42,000 people in more than 130 companies across all continents. Today Liebherr is not only one of the largest manufacturers of construction machinery in the world but is also renowned as a supplier of technically advanced, user-oriented products and services in many other industries. The holding company is Liebherr-International AG based in Bulle, Switzerland, whose shareholders are all members of the Liebherr family.

The fact that Liebherr is a family-owned company has dominated the corporate culture ever since the company was founded. For over 60 years Liebherr has been synonymous with stability and reliability and has always focussed on long-term, close working relationships with its customers and business partners.

The main focus of everything the company does is to achieve maximum quality. Every single employee of the group of companies pursues this objective in their everyday work. Liebherr is passionate about its products, and concentrates on the point of view of its customers in order to develop bespoke solutions for them.

## In short

- 42,000 employees worldwide
- 11 product divisions
- over 130 Liebherr companies in more than 50 countries
- on all 5 continents



# Liebherr Tower Cranes

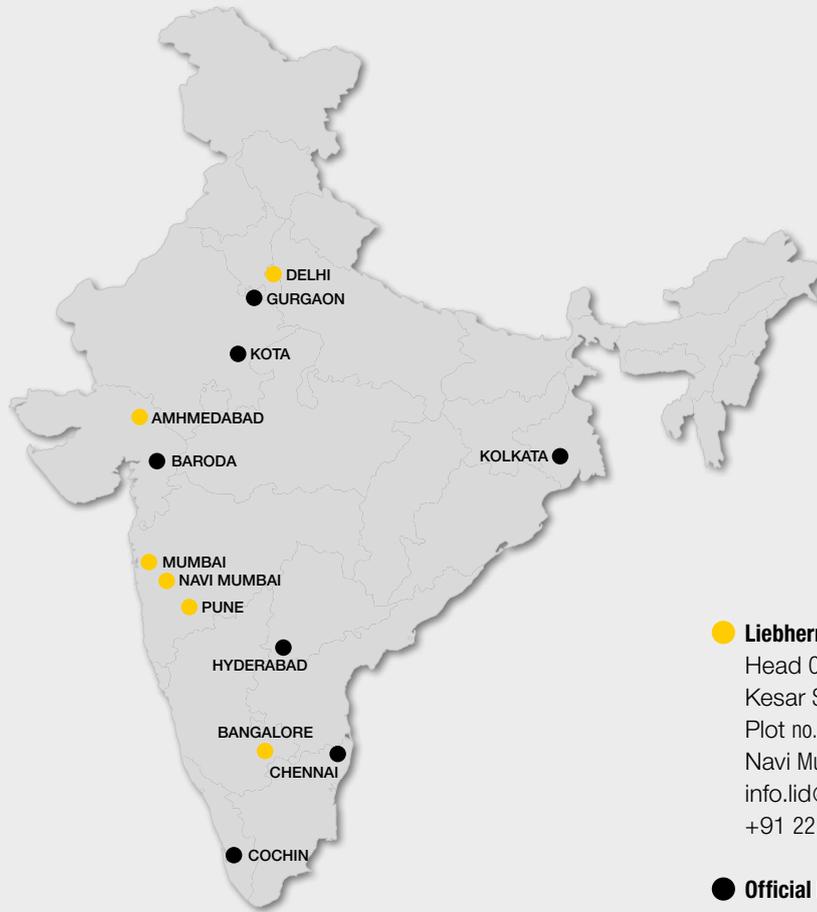
The invention of the mobile tower crane in 1949 marked the start of Liebherr Tower Cranes. This product division within the Liebherr Group of Companies is now the leading global manufacturer of mobile construction and tower cranes and has five production plants in Germany, Spain, India, Brazil and Russia.

Its range of products includes an extensive program of high-quality tower cranes featuring all systems and size classes. They include fast-erecting, top-slewing, luffing jib and special cranes. The flexible fast-erecting cranes and powerful top-slewing cranes are ideal for housebuilding and also in industry and for large projects all over the world.

But Liebherr Tower Cranes offers far more than just the products. Additional services include: Tower Crane Solutions, Tower Crane Center and Tower Crane Service.

## In short

- approx. 2,200 employees
- 5 production plants worldwide
- 8 tower crane series
- more than 60 years of experience
- over 70,000 tower cranes manufactured since 1949



● **Liebherr India Private Limited**

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● **Official Liebherr Tower Cranes Partner**

# Liebherr Tower Cranes in India

Liebherr Tower Cranes is represented at two locations in India. Our centralised administration is based in Mumbai. We are represented by our Liebherr area sales managers as well as official Liebherr partners throughout India. Thus, we can provide the best possible service on the spot, quickly and simply.

Our contact persons in the Tower Crane Service and Tower Crane Solutions in Pune, Mumbai and Delhi support you at any time directly on the spot.

In our production plant in Pune, we produce specially adapted cranes for the whole of Asia. Thanks to our local production, we can provide you with the highest quality standards, fairly and fast.

## Official Liebherr Tower Cranes Partner

- Gurgaon, Contech Equipments
- Kolkata, Suchita Group
- Kota, Rasal Infra
- Chennai,  
Advanced Construction Technologies
- Cochin,  
Advanced Construction Technologies
- Baroda/Gujarat,  
Yantraman Infracolutions Pvt. Ltd.
- Hyderabad,  
DCS Techno Services Pvt. Ltd.

## Find your local partner:



[www.liebherr.com/tc-partner/india](http://www.liebherr.com/tc-partner/india)





### **Liebherr Tower Cranes in India:**

- Balewadi Tech Park, Pune (NC-B 6-62)
- EON IT Park, Pune (85 EC-B 5i)
- Krishna Leela Park, Bangalore (85 EC-B 5i)
- Gautam Infra, Rajesh Lifestyle (85 EC-B 5i, 131.6 mtr)
- Millenium, Eon IT Park (85 EC-B 5i, 108.8 mtr)
- Alfarra Equipment, Samay Adhiraj (85 EC-B 5i, 173 mtr)
- VijayRaj Developers, Matoshree Nisarg, Mulund (85 EC-B 5i, 109.1 mtr)
- Capacite, Auris Serenity, Borivali (85 EC-B 5i, 236 mtr)
- Benison (Millenium), Godrej Khevanagar Project, Pune (85 EC-B 5i, 99.5 mtr)
- Rounak, Atlantis Powai (85 EC-B 5i, 104.7 mtr)
- Jaatvedas, Peninsula Land (85 EC-B 5i, 200 mtr)
- Shootiniketan site, Noida (71 EC-B)
- Wadala Towers, Mumbai (130 EC-B)
- Lavgan Dockyard, Maharashtra (200 EC-H)
- Sobha, "Dream Acres", Bangalore (550 EC-H)
- Omkar 1973 Worli, Mumbai (180 HC-L)
- Kohinoor Tower, Mumbai (Derrick 200 DR)
- Minerva Tower, Mumbai (202 EC-B)







# Top-slewing cranes

## The NC-B series

Exactly the power you need. High-quality standards and the fulfilment of your personal requirements at an attractive price.

For the development of the new series, the usability in your daily challenges was crucial. One of them is the construction of supermarkets and entertainment buildings with lower heights and very heavy loads of prefabricated material. Furthermore, there are residential buildings in medium size up to skyscrapers with large working heights where the NC-B cranes are perfectly fitting.

In addition to the high quality, the NC-B series comes along with the outstanding features of the well-established crane series from Liebherr. NC-B cranes will exclusively be produced in our Indian factory. Thanks to the local production, we can offer high-quality standards, fairly and fast.

### Technical data

	 kg	 kg	 m →
NC-B 6-62	6,000	1,200	62.5
NC-B 9-62	9,000	1,200	62.5



# Top-slewing cranes

## Flat-Top 85 EC-B 5i

The 85 EC -B 5i, Liebherr's most popular model in India, is being assembled at Liebherr's Pune plant since 2012. 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 crane and has new pin connectors among the many features that qualify it ideally for inner-city operation.

A typical problem when working in town and city centres is limited space. A decisive advantage is that the dimensions of all the assemblies of the 85 EC-B 5i are so compact. The 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 EC B 5i City Crane can be erected quickly and safely in just about every gap in the building line.

If other structures prevent this, the climbing tower can be installed in an elevator shaft.

### Technical data

			
85 EC-B 5i	5,000	1,300	50.0



# Top-slewing cranes

## The HC-L series

The luffing jib cranes in the HC-L series are used for high level work on constricted sites. They can be used on almost any site as a result of the small slewing radius and luffing jib, even if there is little space available. With high lifting capacities and fast hoist speeds, they ensure that building work proceeds quickly.

In the luffed position of the jib between 15° and 70°, even when not in use, they can be slewed freely when used on sites with lots of cranes and overlapping slewing ranges. Various climbing and guying systems mean that there is almost no limit to the possible uses.

On all HC-L cranes, the intelligent Litronic crane control system helps ensure that the crane is controlled efficiently and safely. The level luffing at the touch of a button, in particular, ensures that the crane can work precisely and safely.

### Technical data

	 kg	 kg	 m
180 HC-L 8/16 Litronic	16,000	2,600	55.0
280 HC-L 12/24 Litronic	24,000	3,200	60.0
280 HC-L 16/28 Litronic	28,000	3,000	60.0
357 HC-L 12/24 Litronic	24,000	4,500	60.0
357 HC-L 18/32 Litronic	32,000	4,100	60.0
542 HC-L 12/24 Litronic	24,000	4,800	65.0
542 HC-L 18/36 Litronic	36,000	4,300	65.0
710 HC-L 25/50 Litronic	50,000	7,600	65.0
710 HC-L 32/64 Litronic	64,000	7,200	65.0



## Special cranes

# The Derrick crane

The last one out clears up. The Derrick crane is designed as a specialist dismantling crane for cranes from high-rise buildings and other high structures. It can be dismantled into very small units and transported through building elevator shafts with small lifting gear. In addition to cranes, Liebherr can also provide a complete Derrick service which includes all planning. Furthermore, this special crane can also be used as a construction crane for special requirements.

### Technical data

	 kg	 kg	 m
200 DR 5/10 Litronic	10,000	7,500	25.0



## Services

# Tower Crane Service

With its Tower Crane Service, Liebherr is a fair, reliable service partner for tower cranes and mobile construction cranes.

The wide range of training available from Tower Crane Service provides all user groups of tower cranes and mobile construction cranes with the perfect training courses. By training personnel properly, Liebherr can ensure greater safety and productivity on your site.

Many practical difficulties can be solved simply by the site personnel talking to the technical consultants at Tower Crane Service. Competent, specialist contacts answer any technical questions and thus provide fast help.

A dense worldwide network of Liebherr service technicians and service partners, combined with excellent logistics ensure rapid, reliable supplies of spare parts. Tower Crane Service also provides extensive support for crane erection, maintenance and safety tests.

### The core areas

- Training centre
- Technical service
- Spare parts supplies
- Site erection



## Services

# Tower Crane Solutions

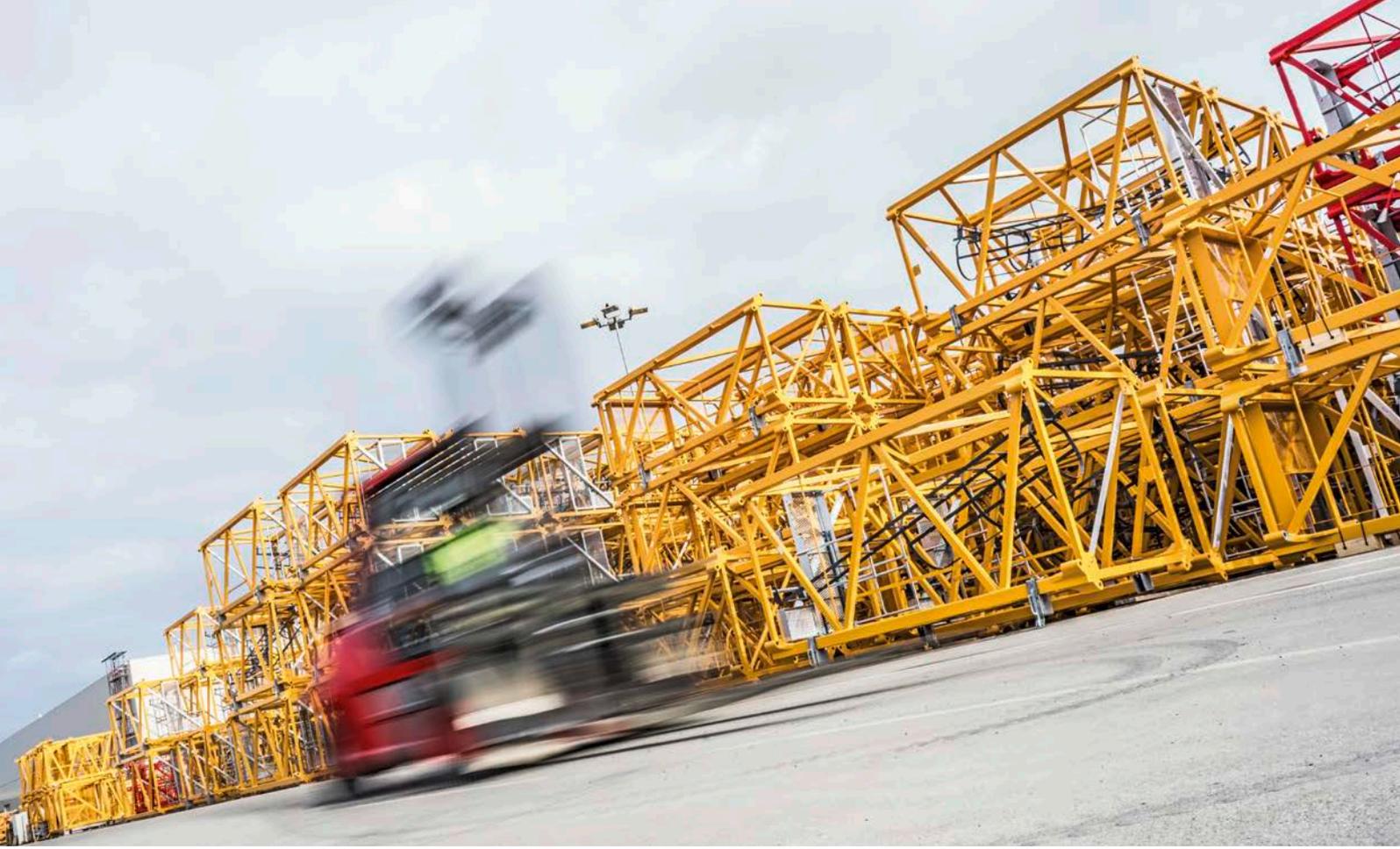
Custom solutions direct from the manufacturer – Tower Crane Solutions specialises in providing advice and planning for special projects in housebuilding and industrial construction as well as projects in power station, plant and wind turbine construction.

Tower Crane Solutions create special solutions for sites and tower cranes, dealing direct with the customer. The team of experienced specialists uses the worldwide Liebherr network and coordinates the collaboration between various areas of competence, such as design, structural engineering, production, sales, rental and Tower Crane Service.

In addition to special technical solutions and design adjustments to the cranes, Tower Crane Solutions also provides effective site consultancy and design services. The aim is to provide the customer with maximum benefits for his construction projects.

### The core areas

- Major projects
- Complex special projects
- Power station and plant construction
- Wind energy
- Shipbuilding yards



## Services

# Tower Crane Center

The Tower Crane Center in Bad Waldsee has a worldwide presence dealing with rental and used machines. It uses the worldwide network of Liebherr companies and partners to do so.

Start where others stop. The Liebherr Tower Crane Center serves the market for used Liebherr tower cranes around the world – focusing in particular on cranes, components and accessory parts which have to meet special challenges. The service includes purchasing, renovating and modifying, planning logistics and sales.

The Tower Crane Center ensures that global rental fleets of tower cranes are in contact with each other and coordinates crane stocks all over the world.

### The core areas

- Inspection and repair of rental and used machines
- Networking and coordination of rental and used machines
- Planning of crane combinations and modifications with Tower Crane Solutions



Crane production in Germany



# Global production

## **Crane production**

Since the construction of the first tower crane over 60 years ago, Liebherr has maintained the very highest quality in its products.

Modern production processes from cutting to size to final assembly enable the company to manufacture an extraordinary range of products which extends from small fast-erecting cranes to large and special cranes. Each crane is continuously safety-tested during the production process using modern methods.

Designers at five locations around the world work closely with production staff on technically demanding and market-focused tower cranes – with passion for engineering.



## India

### **Liebherr CMCtec India Pvt. Ltd.**

#### **Pune**

- since 2011
- approx. 80 employees
- approx. 220,000 m<sup>2</sup> total area



## Germany

### Liebherr-Werk Biberach GmbH

#### Biberach an der Riss

- since 1954
- approx. 1,300 employees
- approx. 200,000 m<sup>2</sup> total area



## Spain

### Liebherr Industrias Metálicas, S.A.

#### Pamplona

- since 1990
- approx. 250 employees
- approx. 175,000 m<sup>2</sup> total area



## Russia

### Liebherr-Nizhny Novgorod OOO\*

#### Dzerzhinsk

- since 2006
- approx. 400 employees
- approx. 400,000 m<sup>2</sup> total area



## Brazil

### Liebherr Brasil Ltda.\*

#### Guaratinguetá

- since 1974
- approx. 1,100 employees
- approx. 950,000 m<sup>2</sup> total area

\* Mixed production company, in which products are also manufactured for other divisions in the Group.







# **Cranes for generations**



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