

The NC-B Series.

**Exactly the power you need.**



**LIEBHERR**

# **My sites may change**

But my tower crane adapts



Your key to success: High quality standards and the fulfilment of your professional requirements at an attractive price. The new NC-B series – exactly the power you need.



### **Malls, Entertainment, Parking**

- Very heavy concrete parts
- Wide ranges
- Low working heights

### **Innercity Skyscraper**

- Very high working heights
- Internal climbing
- Shorter ranges

### **Housing Projects**

- Heavy loads
- External climbing
- Varying radius

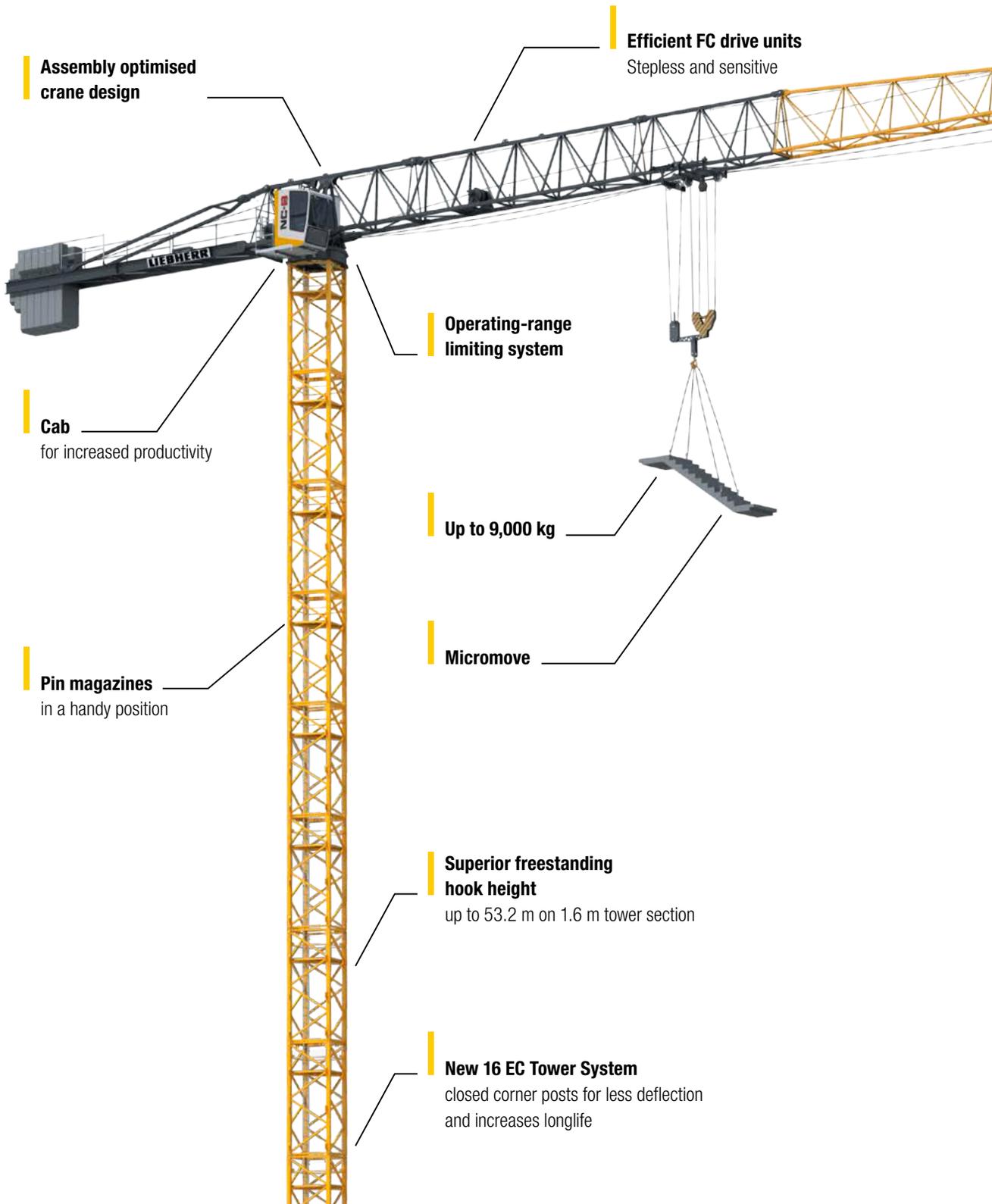
More than 60 years ago, our founder Hans Liebherr developed the first mobile fast-erecting tower crane. Since then, our cranes are well-known all over the world. Today Liebherr is an international group of companies with more than 40,000 employees worldwide.

For the development of the new series, the usability in the context of 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 high working heights where the NC-B cranes are a perfect fit.

In addition to the high quality, the NC-B series comes along with the outstanding features of well-established crane series of Liebherr.

# The NC-B series



**Assembly optimised crane design**

**Efficient FC drive units**  
Stepless and sensitive

**Operating-range limiting system**

**Cab**  
for increased productivity

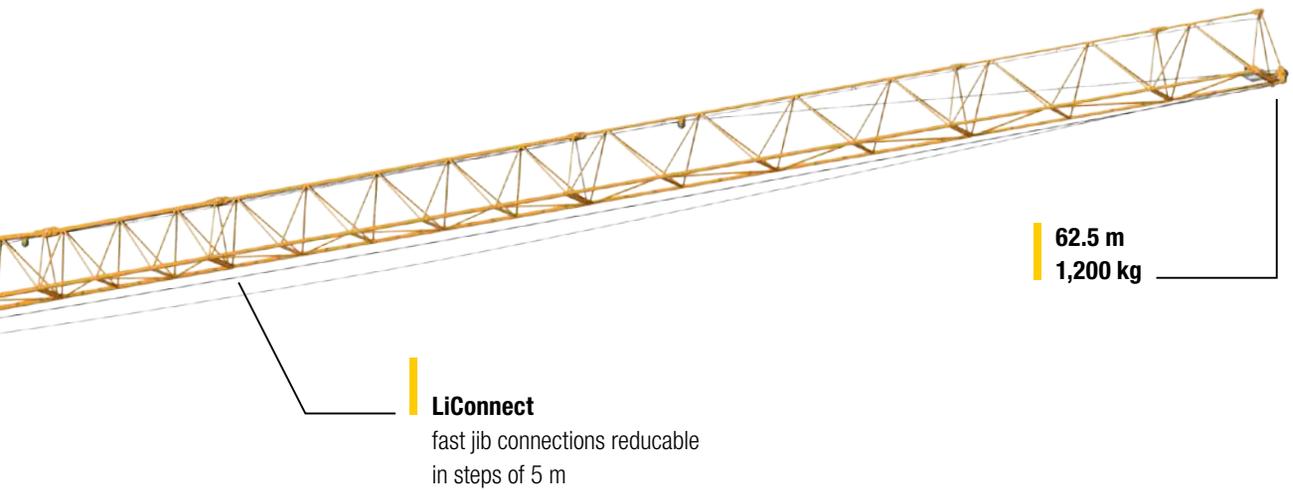
**Up to 9,000 kg**

**Pin magazines**  
in a handy position

**Micromove**

**Superior freestanding hook height**  
up to 53.2 m on 1.6 m tower section

**New 16 EC Tower System**  
closed corner posts for less deflection and increases longlife



## The answer to your tasks

For your sites you require power to lift heavy loads like concrete parts and steel elements. Therefore the NC-B series comes along with strong high-performance drives and impressive maximum load capacities up to 9 tonnes. The NC-B cranes provide the largest working radius in their respective classes.

## Touch the sky

For the NC-B series we developed a multifunctional climbing equipment. The hydraulic system makes internal climbing up to 501 metres working height as well as external climbing within the same unit possible. This multi-purpose component is a part of the versatile new 16 EC tower system besides tower sections for more than one possible application.



# The NC-B series



## At the beginning

The transport- and assembly-optimised units of the NC-B can be transported to the site by truck or in standard containers. Depending on the mobile crane used, you can assemble the crane in subassemblies or single components.

## Top-Down View

With the external cabin, you have a direct view of the load and destination. This means more safety for load handling and the site.

## Unreliable Power Grids

The drive units with frequency converter ensure outstanding driving characteristics that also limit the risk of damage to the crane. Furthermore, they flatten current peaks and thus reduce the maximum power requirement which allows the use of smaller power generators.

## Sensitive Load

Filigree prefabricated parts and fragile components have to be positioned gently. That is why you can position loads with great accuracy and hold them without jerking using the Liebherr unique Micromove function.

## Danger Zones

The operation range limiting system enables you to prevent overslewing safety-critical areas (for example rail tracks). This increases operational safety and relieves the stress on the crane operator.

## Longer Life

Tight-welded crane parts and a control system via limit switches ensure the high quality of the NC-B cranes. This results in a long service life and high conservation of value of the cranes as well as highest safety standards on site.



# Liebherr in the world



Liebherr has always been particularly focussed on family values and closeness to its customers. These roots have enabled the German firm to become a global group of companies.



## Local production

Modern production processes from cutting to size to final assembly enable the company to manufacture an extraordinary range of products which extends from small fasterecting 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.

# Liebherr for the world



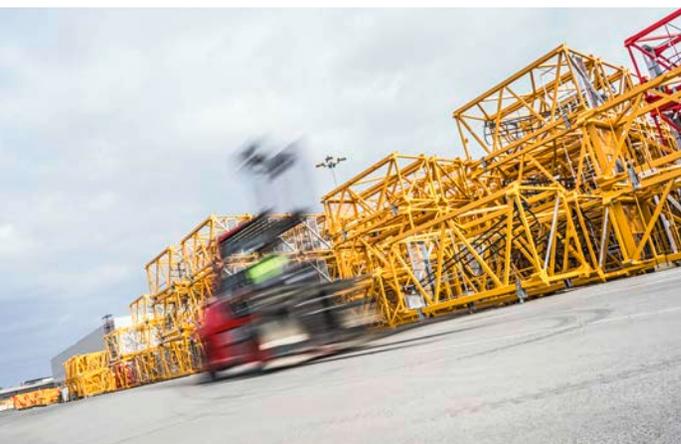
## Tower Crane Service

Our Tower Crane Service provides reliable after-sales service. The worldwide Liebherr network ensures fast supply of accessories and spare parts. Furthermore, Tower Crane Service offers comprehensive support in crane erection, maintenance and safety check as well as a wide range of training programmes on tower cranes.



## Tower Crane Solutions

Customised solutions direct from the manufacturer – Tower Crane Solutions, with an office in India, specializes 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 Center

The Tower Crane Center has a worldwide presence dealing with rental and used machines. It 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.

# Liebherr Sales Companies



**Find your local partner:**  
[www.liebherr.com/tc-partner](http://www.liebherr.com/tc-partner)

-  Liebherr-Werk Biberach, Biberach, Germany
-  Liebherr Industrias Metálicas, S.A., Pamplona, Spain
-  Liebherr CMCTec India Pvt. Ltd., Pune, India
-  Liebherr-Nizhny Novgorod OOO, Dzerzhinsk, Russia
-  Liebherr Brasil Ltda., Guaratinguetá, Brazil



# German engineering – Manufactured locally