

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 NC-B series – exactly the power you need.



Malls, Entertainment, Parking

Very heavy concrete parts
Wide ranges
Low working heights

Innercity Skyscrapers

Very high working heights
Internal climbing
Shorter ranges

Housing Projects

Heavy loads
External climbing
Varying radius

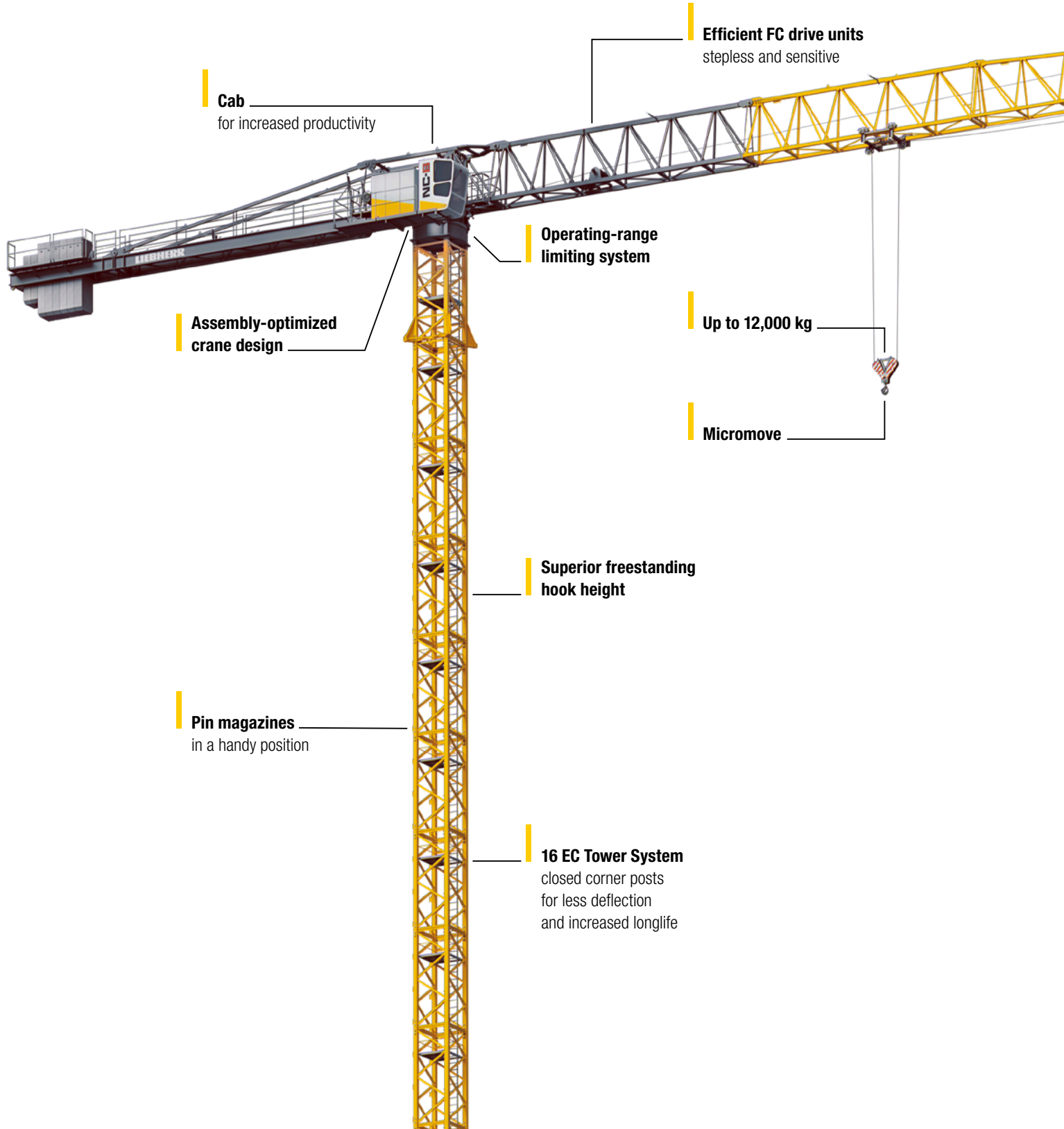
More than 60 years ago, our founder Hans Liebherr developed the first mobile fast-erecting tower crane. Since then, our cranes are well-known all over the world. Today Liebherr is an international group of companies with more than 40,000 employees worldwide.

For the development of this 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



Cab
for increased productivity

Efficient FC drive units
stepless and sensitive

Operating-range limiting system

Assembly-optimized crane design

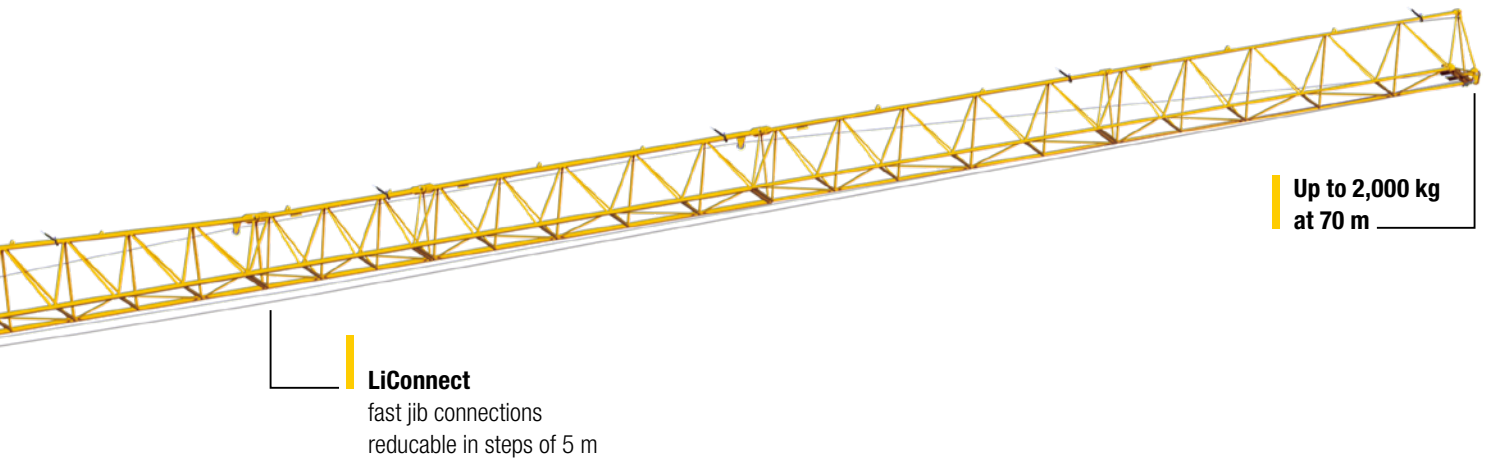
Up to 12,000 kg

Micromove

Superior freestanding hook height

Pin magazines
in a handy position

16 EC Tower System
closed corner posts
for less deflection
and increased longlife



Up to 2,000 kg
at 70 m

LiConnect
fast jib connections
reducable in steps of 5 m

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 12 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 travelling 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 unique Liebherr 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

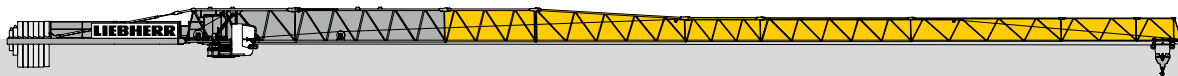
Tight-welded crane parts and a control system via limit switches ensure the high quality of the NC-B cranes. This results in a long service life and high conservation of value of the cranes as well as highest safety standards on site.





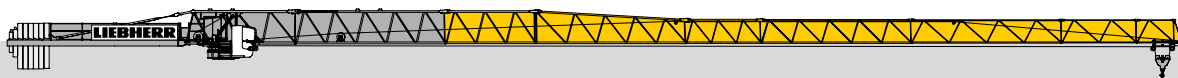
The NC-B Cranes

NC-B 6-62



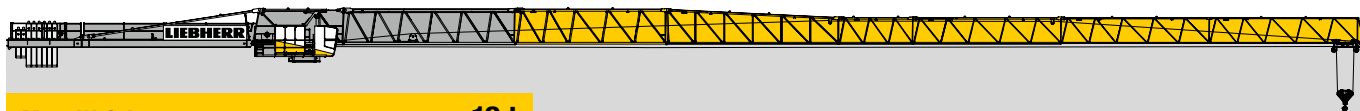
Max. Weight	→ 16.4 m	6 t
Average Pref. Material	→ 42.5 m*	3.5 t
Standard Concrete Bucket	→ 60.0 m – 4-fall operation	1.15 t
Max. Tip Load	at 62.5 m – 2-fall operation	1.2 t

NC-B 9-62



Max. Weight	→ 11.3 m	9 t
Average Pref. Material	→ 42.5 m*	3.5 t
Standard Concrete Bucket	→ 60.0 m – 4-fall operation	1.15 t
Max. Tip Load	at 62.5 m – 2-fall operation	1.2 t

NC-B 12-70



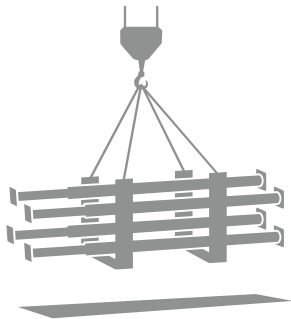
Max. Weight	→ 16.3 m	12 t
Average Pref. Material	→ 55.0 m*	3.5 t
Standard Concrete Bucket	→ 70.0 m	1.15 t
Max. Tip Load	at 70.0 m	2 t

* Only possible with reduced jib length. For further information see data sheet.

Hoist what you want – up to 12,000 kg.

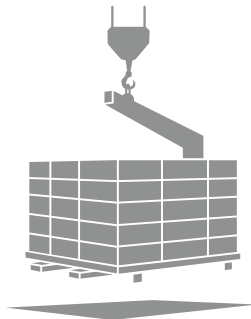
Steel bars

approx. 1,200 kg



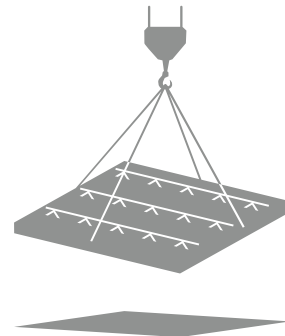
Stone pallets

approx. 700 – 800 kg



Filigree ceilings

approx. 900 – 2,000 kg



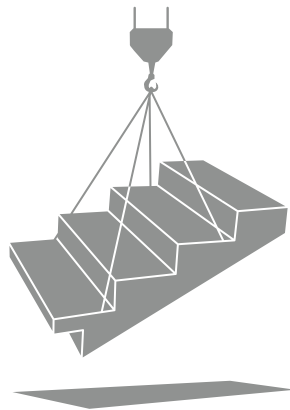
½ m³ concrete buckets

approx. 1,150 kg



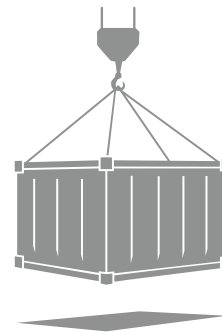
Prefabricated concrete element

approx. 3,500 – 4,500 kg



Material containers

up to 12,000 kg



Load examples for illustrational purposes only.

Liebherr in the world

Liebherr Sales Companies



Find your local partner:
www.liebherr.com/tc-partner

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 faster-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.

Production worldwide

-  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



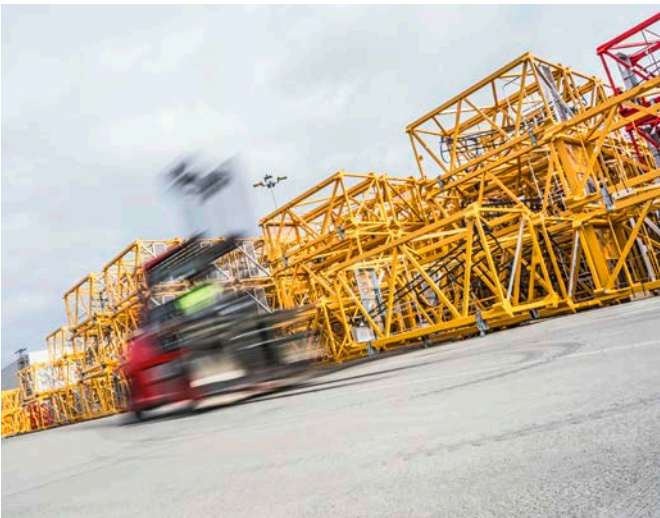
Tower Crane Service

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.



German engineering – Manufactured locally