

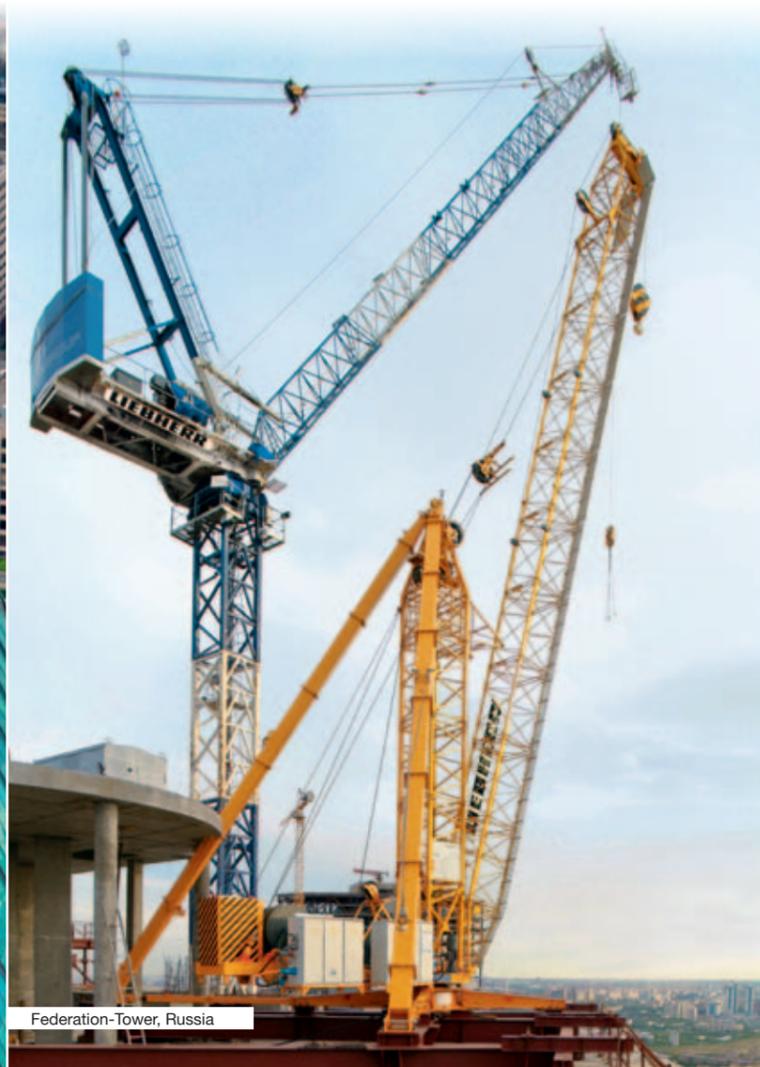
Liebherr Derrick - Always on Top

The Derrick Complete Service

Everything from one source



Municipal-Tower, Chicago, USA



Federation-Tower, Russia



Derrick assembly with restricted spatial circumstances at great heights



This information is supplied without liability. Subject to technical modifications.



Partnership



Project planning



Transport



Assembly/
Disassembly

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LIEBHERR



A Powerful Partner

From start to finish



Wherever in the world your site may be: We're there!

When it comes to derricks, Liebherr offers customers the complete service – anywhere in the world. And the great advantage for you is that everything is provided from one source. From project planning to hiring and sales, we are there for our customers, even after the project has been completed. We will support you if dismantling the cranes proves difficult. As the only worldwide provider, we can bridge any gaps. We can provide you with a real complete service.

Our modern 200 DR 5/10 Litronic is loaded complete in containers, and that means it can be transported with only a few separate units being needed. Our highly trained fitters travel with the crane, and make sure that this service is carried out with complete precision. Safety is our absolute priority.

The Liebherr 200 DR 5/10 Litronic was developed especially for crane disassembly, and provides the best possible solution in the entire sector when it comes to efficiency and safety.



Professionals on the spot

We and our highly skilled personnel get together with you to plan the entire operation of the crane, with all the details involving assembly and disassembly.



Experience and routine

Our fitters have the best training that can possibly be provided, have years of experience, and deal with high construction sites and unusual spatial conditions all as a matter of routine.

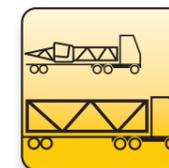
A Complete Service



Project planning – down to the last detail

Consultation and advice backed by skill and experience are all part of the service. Our specialists will support you in planning the best possible progress, even on the most difficult sites.

- Site inspection (if required)
- Deciding on the best possible cranes for the job, and the best place to put them
- Working out economical complete solutions
- CAD site planning, and optimization of assembly progress
- Calculations of statics, connection values, ballasting arrangements, etc.



Transport – there and back

We clear the way for your crane. We make sure that your crane arrives safely where it's needed, and exactly when it's needed.

- Transport logistics
- Loading to make assembly easy
- Transport out and back



Assembly and disassembly, the most economical way possible

Highly qualified fitters carry out the assembly of your Liebherr crane rapidly and in the most economical way possible. The very latest special tools are taken right on site, rounding out the Liebherr Rigging Concept.

- Assembly planning in advance
- Selection of the most economical mobile crane
- Assembly personnel with the best possible training and the best possible experience
- Adjustment of overload prevention and safety devices



Micromove

The powerful fine-sensitivity drive units allow for the precise dismantling of your crane, and positioning of heavy loads with millimetric precision.



High standard

The 200 DR 5/10 Litronic derrick is designed as standard with a hoist drum for cable lengths of up to 633 metres. This means that disassembly from even the highest sites is no problem at all..



The 200 DR 5/10 Litronic Derrick

The disassembly crane in detail



Control System with the focus on safety
 The 200 DR 5/10 derrick is equipped completely with frequency-controlled stepless drives. Safety is particularly important when a crane is being operated at great heights, and that's why the PLC control system, with safety as top priority, monitors all the movements of the crane, using the very latest in sensor technology. This means that the derrick crane provides all the tried and trusted functions of Liebherr luffing jib cranes. And with MICROMOVE, the fine-positioning mode, sections of the crane can be positioned particularly gently and safely. That's good for the crane – and good for your wallet.

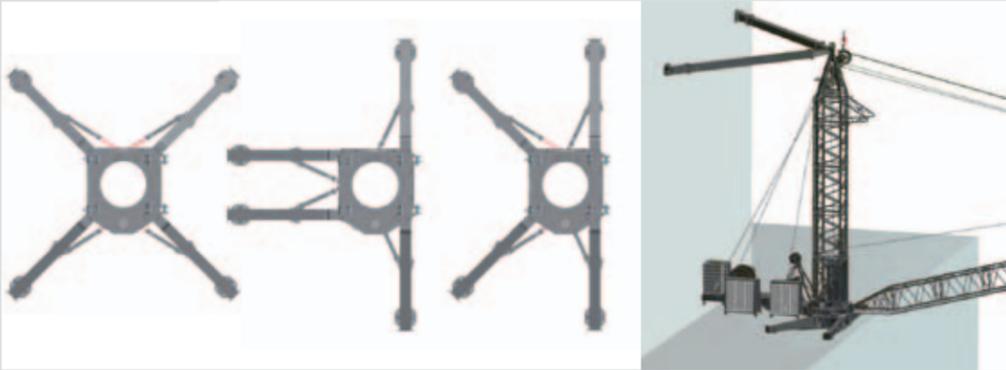
And with the radio remote control the crane driver can operate the machine from the safest possible location, too.



Totally adaptable
 The 200 DR 5/10 has been designed to be as flexible as can possibly be achieved, to meet whatever the requirements may be, and however different they are. The supports can be pivoted, and are adjusted to the static circumstances of the building design – or they can be left out entirely, so as to minimize the standing area of the crane.

Self-disassembly - and rapidly
 The final disassembly of the derrick does not need another crane, only simple lifting gear. The crane can be disassembled into its individual parts, which are then brought down in the building elevators according to their dimensions and weights. This is why the maximum dimensions of the components are only 2.20 m x 1.10 m x 1.10 m, and their maximum weight is 1,000 kg.

Technical data:	
Maximum lifting capacity	10,000 kg
Radius	20.0 / 25.0 m
Heaviest individual component	1,000 kg
Largest individual component	2.20 x 1.10 x 1.10 m
Hoist gear power rating	45 kW



Flexible base area
 The base area of the 200 DR 5/10 Litronic can be readily adjusted and ensures best possible weight distribution on the building.



Efficient transport
 Only 3 standard containers are necessary for the transport of the complete derrick crane. Thus the crane can be shipped quickly, safely and cost-efficiently.