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# Liebherr customer training

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Course catalogue 2023

[www.liebherr.com](http://www.liebherr.com)

**LIEBHERR**

Maritime cranes





# Maritime Training Centre

Dear customer,

As a family-owned company operating worldwide, Liebherr carries a considerable responsibility towards society and the environment. We are convinced that we can only be successful in the long term if this is always taken into consideration in our own actions. The protection of people and the environment is of particular importance in all our business activities. For our products and their production, this means that they must be safe, efficient and environmentally compatible.

We consider it part of this responsibility to provide you with the necessary basic knowledge on basic maintenance work and the operation of your Liebherr maritime cranes. Our training concepts are developed in close consultation with the target groups and are always up to date. This year's course catalogue therefore also includes brand new topics such as the next evolution of our Liebherr mobile harbour crane, our new electric drive concepts and courses on digital remote maintenance. Here, experienced trainers and experts from the field ensure the transfer of knowledge in interactive exercises that prepare participants for their current and future challenges. State-of-the-art training facilities, simulators, cutaway models and, last but not least, numerous maritime cranes provide the perfect conditions to prepare you and your employees in the most effective way for the handling of your equipment.

As ever, our mission is: Customer first. Our aim is to provide comprehensive, tailor made training solutions to our customers all over the world.

So be the first to book. We look forward to seeing you!

Your Team Maritime Cranes

## Contact

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 Liebherrstraße 1  
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[www.liebherr.com](http://www.liebherr.com)  
[www.facebook.com/LiebherrMaritime](https://www.facebook.com/LiebherrMaritime)



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- 1 Lounge area
- 2 Maritime crane simulator
- 3 Training room
- 4 Crane operation
- 5 Cutaway model
- 6 Practical training

# Mobile Harbour Crane

## Mobile Harbour Crane (up to Evo 5) – Training

<b>Duration</b>	4 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers (for LHM, LBS, LFS, LPS, LPM)
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"><li>- Get to know the crane and its components</li><li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li><li>- Understand the hydraulic and electrical system</li></ul>
<b>Training content</b>	<ul style="list-style-type: none"><li>- Safety briefing</li><li>- Crane instruction according to the operator's manual</li><li>- Control and operating elements</li><li>- Fundamentals of the electrical and hydraulic system</li><li>- Instruction and use of the maritime crane simulator</li><li>- Master control system</li><li>- Training on the Liebherr Litronic® test system</li><li>- Checks before the daily start-up</li><li>- Maintenance and inspection schedule</li><li>- Safety equipment and emergency operation</li><li>- Troubleshooting and evaluating error messages</li><li>- Introduction to LiDAT® smartApp</li></ul>
<b>Crane operators and technicians with experience in handling non-Liebherr equipment are given a harmonious transition to the LHM and its features.</b>	

## Mobile Harbour Crane (Evo 6) – Training

<b>Duration</b>	4 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers (for LHM, LBS, LFS, LPS, LPM)
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"><li>- Get to know the crane and its components</li><li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li><li>- Understand the hydraulic and electrical system</li></ul>
<b>Training content</b>	<ul style="list-style-type: none"><li>- Safety briefing</li><li>- Crane instruction according to the operator's manual</li><li>- Control and operating elements</li><li>- Fundamentals of the electrical and hydraulic system</li><li>- Instruction and use of the maritime crane simulator</li><li>- Master control system</li><li>- Checks before the daily start-up</li><li>- Maintenance and inspection schedule</li><li>- Safety equipment and emergency operation</li><li>- Introduction to LiDAT® smartApp</li></ul>
<b>Crane operators and technicians with experience in handling non-Liebherr equipment are given a harmonious transition to the LHM and its features.</b>	

# Mobile Harbour Crane

## Liebherr Portal Slewing Crane (LPS 420 E) – Training

<b>Duration</b>	3 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"><li>- Get to know the crane and its components</li><li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li><li>- Understand the electrical system</li></ul>
<b>Training content</b>	<ul style="list-style-type: none"><li>- Safety briefing</li><li>- Crane instruction according to the operator's manual</li><li>- Control and operating elements</li><li>- Fundamentals of the electrical system</li><li>- Instruction and use of the maritime crane simulator</li><li>- Master control system</li><li>- Checks before the daily start-up</li><li>- Maintenance and inspection schedule</li><li>- Safety equipment and emergency operation</li><li>- Troubleshooting and evaluating error messages</li><li>- Introduction to LiDAT® smartApp</li></ul>
<b>Crane operators and technicians with experience in handling non-Liebherr equipment are given a harmonious transition to the LPS and its features.</b>	

# Mobile Harbour Crane

## Mobile Harbour Crane – Basic Operator Training

<b>Duration</b>	4 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators (for LHM, LBS, LFS, LPS, LPS 420 E, LPM)
<b>Participants</b>	2 - 3
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Be able to operate the crane safely and correctly</li> <li>- Know how to deal with unexpected error messages whilst operating the crane</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Safety instructions</li> <li>- Product facts</li> <li>- Structure and components</li> <li>- Safety elements</li> <li>- Control and operating elements</li> <li>- Operation and operation modes</li> <li>- Maintenance and inspection schedule</li> </ul>
<p><b>Crane operators with experience in handling non-Liebherr equipment are given a harmonious transition to the LHM and its features in operation.</b></p>	

## Mobile Harbour Crane – Performance Training

<b>Duration</b>	As required, at least 5 days
<b>Location</b>	At customer site
<b>Target group</b>	Experienced and educated crane operators (for LHM, LBS, LFS, LPS, LPS 420 E, LPM)
<b>Participants</b>	1 - 3
<b>Training target</b>	Improve the knowledge and skills to operate the crane efficiently and safely
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Inspection of the crane</li> <li>- Inspection of lifting material</li> <li>- Access roads</li> <li>- Start-up of the crane</li> <li>- Positioning the crane in a safe manner on a designated spot</li> <li>- Operating the crane (swing, boom and hoist as well as travelling)</li> <li>- Tips and tricks</li> <li>- Safety regulations</li> <li>- Working in a safe manner</li> <li>- Slings and load lifting devices</li> </ul>

The training content will be adapted to the specific crane, location, circumstances and operations.

# Offshore Crane

## Offshore Crane – Training

<b>Duration</b>	4 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Get to know the crane and its components</li> <li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li> <li>- Understand the hydraulic and electrical system</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Crane instruction according to the operator's manual</li> <li>- Fundamentals of the electrical and hydraulic system</li> <li>- Explanation and use of the electrical and hydraulic drawings</li> <li>- Function of hydraulic pumps and motors</li> <li>- Master control system*</li> <li>- Automatic lubrication system*</li> <li>- Training on the Liebherr Litronic® test system</li> <li>- Safety and emergency operation</li> <li>- Maintenance and inspection schedule</li> <li>- Instruction and use of the maritime crane simulator</li> </ul>

The training content and duration will be adapted to the specific crane type.  
\* if applicable

## Offshore Crane (BOS) – Basic Operator Training

<b>Duration</b>	3 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH
<b>Target group</b>	Crane operators
<b>Participants</b>	2 - 4
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Be able to operate the crane safely and correctly</li> <li>- Know how to deal with unexpected error messages whilst operating the crane</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Structure and components</li> <li>- Control and operating elements</li> <li>- Crane instruction according to operator's manual</li> <li>- Crane operation in practice</li> <li>- Safety and emergency operation</li> <li>- Master control system</li> <li>- Daily checks</li> <li>- Maintenance and inspection schedule</li> </ul>

# Ship Cranes, Port and Transshipment Solutions

## Ship Cranes, Port and Transshipment Solutions – Training

<b>Duration</b>	3 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Get to know the crane and its components</li> <li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li> <li>- Understand the hydraulic and electrical system</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Crane instruction according to the operator's manual</li> <li>- Fundamentals of the electrical and hydraulic system</li> <li>- Explanation and use of the electrical and hydraulic drawings</li> <li>- Function of hydraulic pumps and motors</li> <li>- Master control system*</li> <li>- Automatic lubrication system*</li> <li>- Training on the test system</li> <li>- Safety and emergency operation</li> <li>- Maintenance and inspection schedule</li> <li>- Instruction and use of the maritime crane simulator</li> <li>- Introduction to LiDAT® smartApp</li> </ul>

The training content and duration will be adapted to the specific crane type.  
\* if applicable

## Transshipment Solutions (CBG) – Basic Operator Training

<b>Duration</b>	3 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators
<b>Participants</b>	2 - 4
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Be able to operate the crane safely and correctly</li> <li>- Know how to deal with unexpected error messages whilst operating the crane</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Structure and components</li> <li>- Control and operating elements</li> <li>- Crane instruction according to operator's manual</li> <li>- Crane operation in practice</li> <li>- Safety and emergency operation</li> <li>- Master control system*</li> <li>- Daily checks</li> <li>- Maintenance and inspection schedule</li> </ul>

\* if applicable

# Ship Cranes, Port and Transshipment Solutions

## Transshipment Solutions (CBG 500 E) – Training

<b>Duration</b>	3 days
<b>Location</b>	Maritime Training Centre, Liebherr-MCCtec Rostock GmbH or at customer site
<b>Target group</b>	Crane operators, maintenance staff, engineers
<b>Participants</b>	2 - 6
<b>Training targets</b>	<ul style="list-style-type: none"> <li>- Get to know the crane and its components</li> <li>- Reduction of operating errors, safety risks and crane downtimes to a minimum</li> <li>- Understand the electrical system</li> </ul>
<b>Training content</b>	<ul style="list-style-type: none"> <li>- Safety briefing</li> <li>- Crane instruction according to the operator's manual</li> <li>- Fundamentals of the electrical system</li> <li>- Explanation and use of the electrical drawings</li> <li>- Function of frequency converter</li> <li>- Master control system</li> <li>- Automatic lubrication system*</li> <li>- Training on the test system</li> <li>- Safety and emergency operation</li> <li>- Maintenance and inspection schedule</li> <li>- Instruction and use of the maritime crane simulator</li> <li>- Introduction to LiDAT® smartApp</li> </ul>

The training content and duration will be adapted to the specific crane type.  
\* if applicable

# Training conditions

## Registration form/your training preparation

Please fill in the form carefully, so we can organise your training in the best possible way. Return the completed form to us as soon as possible.

Once we have received your registration form, we will submit an offer based on your details.

## Duration

Our training courses usually last from 8:00 am to 3:00 pm. Changes to the length and times of training courses may slightly vary due to the previous knowledge of participants or differing modes of transportation.

## Language

Standard training languages are German and English. Should you require a training course in another language, please do not hesitate to contact us.

## Attestation

At the end of the training course every participant will receive a confirmation of participation.

## Training conditions

Liebherr is not responsible for unfavourable weather conditions, waiting time of any kind or delays at the job site.

In case the training is conducted on the machine the following conditions apply:

- The crane is safe to work, maintained and certified.
- The surrounding of the crane is safe for operating the crane.
- Sufficient fuel, load and space is available.
- The crane including its operation are insured.
- Our trainer will only operate for explanation purposes and not for loading or unloading operations.
- Access to site is granted to the trainer as required.

## Change of date/cancellation

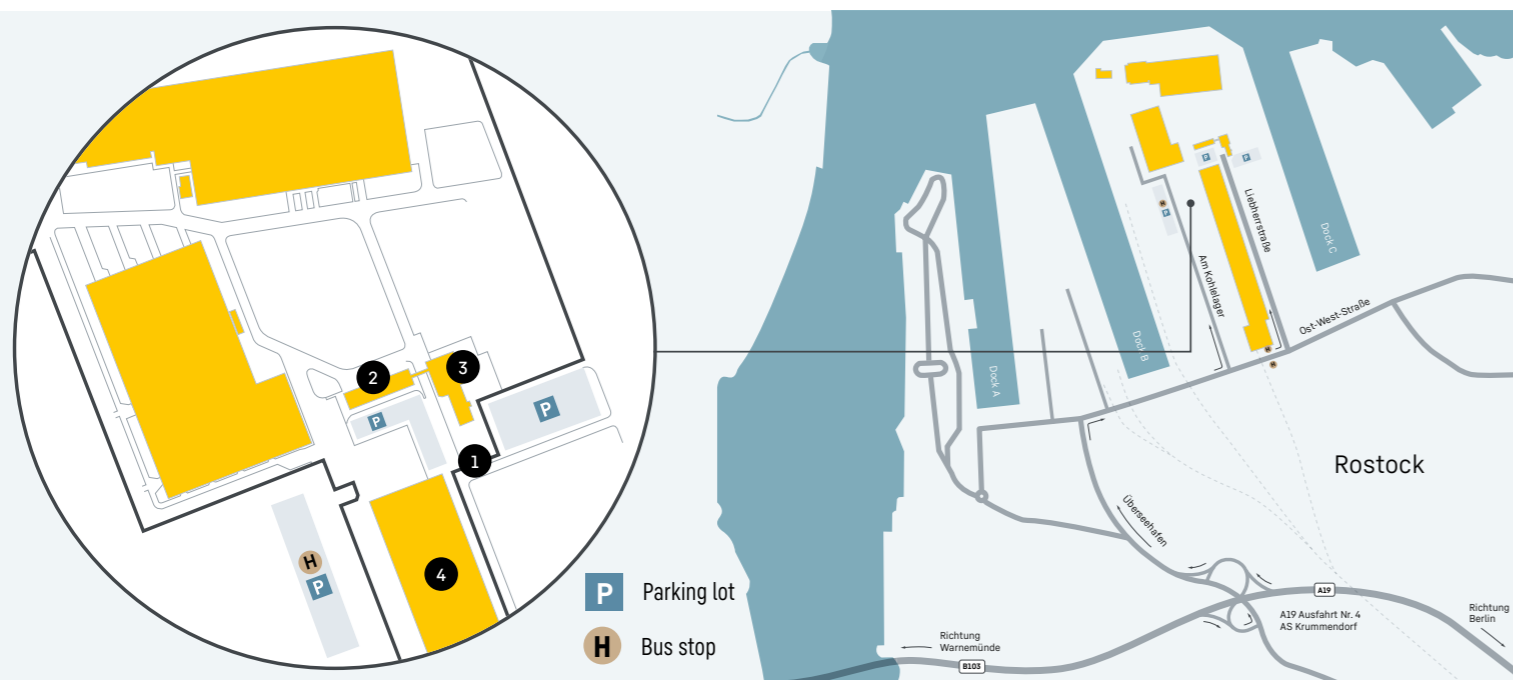
You may have to postpone training dates for various reasons. In this case, we will schedule a suitable new date for you.

There will be no cancellation costs up to two weeks prior to the start of a training course. We will only charge you for third-party claims (e.g. hotel cancellation costs).

In case of shorter cancellation times, we reserve the right to invoice an expense allowance.

If a training course is cancelled due to illness of our trainer, force majeure or other unforeseeable events, there is no entitlement to the training course being held. Participation fees already paid, will be refunded immediately. Further claims are excluded.

# Site plan



- 1 Car access (customers/visitors) 2 Office building I & Maritime Training Centre 3 Office building II 4 Liebherr Academy

# Directions

## Coming from Hamburg

### Approach via motorway A20 and A19

- Take the A20 and merge onto A19 (Rostock-Überseehafen / Rostock-Krummendorf / Baltic Sea Ferries / Fähren) via exit 16 (Kreuz Rostock)

- Keep to the right and follow the signs to Überseehafen / Ferries / Ostsee-Fähren

- Keep to the right and merge onto Ost-West-Straße

- Turn left onto Liebherrstraße

## Coming from Berlin

### Approach via motorway A24 and A19

- Take the A24 and merge onto A19 via exit 20 (Dreieck Wittstock/Dosse) in direction to Rostock

- Follow the signs to Rostock-Überseehafen / Rostock-Krummendorf / Baltic Sea Ferries / Fähren

- Keep to the right and follow the signs to Überseehafen / Ferries / Ostsee-Fähren

- Keep to the right and merge onto Ost-West-Straße

- Turn left onto Liebherrstraße

## Coming from Rostock-Laage

### Approach via motorway A19

- Take the A19, which leads straight to Überseehafen and follow the signs to Rostock-Überseehafen / Rostock-Krummendorf / Baltic Sea Ferries / Fähren

- Keep to the right and follow the signs to Überseehafen / Ferries / Ostsee-Fähren

- Keep to the right and merge onto Ost-West-Straße

- Turn left onto Liebherrstraße

# Hotel & airports

We gladly offer support with arranging hotel reservations, as well as daily transfers, car rentals and airport transfers.



The "Vienna House Sonne Rostock" is our corporate hotel. The MTZ corporate tariff is only available for bookings made by the Maritime Training Centre.

Vienna House Sonne Rostock  
Neuer Markt 2  
18055 Rostock/GERMANY  
Phone +49 381 49730  
info.sonne-rostock@viennahouse.com



If you arrive by airplane, the closest airports are the following:

Airport Rostock-Laage  
Flughafenstraße 1  
18299 Laage/GERMANY

Airport Hamburg  
Flughafenstraße 1-3  
22335 Hamburg/GERMANY

Airport Berlin Brandenburg  
12529 Berlin/GERMANY

