

## Crane Transport



Loaded with Shipping Know-How  
**Transporting New and Used Cranes**

# The Driving Force behind Your Crane Transport

## Gottwald Port Technology

Gottwald cranes boast the highest degree of mobility, versatility, operating efficiency and longevity. This explains why there is such a high global demand not only for the new Gottwald cranes, but also for the used models.

### All Forms of Crane Transport

Gottwald Port Technology offers a professional transport service for cranes being delivered to their new owner or being moved to a new location. Thanks to experience gained from innumerable crane transport operations over many decades, Gottwald has extensive know-how in this area, and provides support to its customers in all important aspects.



Loading pre-assembled components of a Gottwald crane

Gottwald Port Technology handles all forms of crane transport quickly, safely and reliably:

### Cranes Transported Completely Assembled

- A completely assembled, ready-for-operation Gottwald crane can be shipped by RoRo ship or barge. In this case, the crane travels under own power onto the transporter.
- Alternatively, the Gottwald crane can be shipped by heavy-load carrier. In this case, the ship's own crane gear lifts the complete Gottwald crane onto the heavy-load carrier.
- For short distances, e.g. when being moved from one to another location within a port, the Gottwald crane can be shipped by floating crane.

### Cranes Transported Partly Assembled

- When transported in partly assembled state, Gottwald cranes can be made ready-for-operation at their destination with little time and effort.
- A Gottwald crane in partly assembled state can be shipped by RoRo ship or barge. If transported by a standard ship, the Gottwald crane is lifted onto the carrier by the cranes on the quayside.

### Cranes Transported in Assembly Groups

- The individual assembly groups of the crane, e.g. tower, superstructure and chassis can be transported as pre-assembled components.
- In this case, quayside cranes load the assembly groups onto the transport ships.

High-sea transport of a completely assembled crane, and a second crane as pre-assembled components, using a heavy-load carrier



# All-In-One Package from a Single Source

## The Ideal Solution for Your Crane Transport

As a rule, Gottwald Port Technology offers its customers crane transport as an all-in-one package that includes all services required ranging from arranging transport and assembly insurance to settling all matters with the authorities at the ports of departure and destination.

### Project Planning

- Gottwald collects and analyses all the pertinent data for the shipping job, taking into account customer specifications such as transporting the crane at the lowest cost possible or aiming for the earliest possible date on which the crane can resume operation at the destination point after re-location and re-commissioning.
- Based on the analysis of this data, Gottwald then submits recommendations regarding the best possible method for crane transport to the customer.

### Transport Engineering

- Detailed plans and technical calculations, including stability calculations for the ship when loaded, are prepared as part of the transport process.

### Dismantling

- The crane may have to be completely or partially dismantled if this is deemed necessary during project planning phase.

### Loading

- The crane is loaded either with the ship's own heavy-load crane gear or with quayside cranes, depending on the type of transport selected. Alternatively, the crane can travel under own power onto the transport ship.

### Shipping

- The Gottwald crane is secured to the transport ship by means of chain gear and ropes. Where necessary, additional special devices or equipment can be mounted on the ship for securing the crane.

### Unloading

- Depending on the state of assembly, the Gottwald crane is unloaded by the ship's own crane gear or by quayside cranes, or the crane is able to travel off the ship under own power.



### Assembly/Re-Commissioning

- The crane transported in assembly groups or in a partly assembled state is assembled completely at the destination.
- The Gottwald crane is re-commissioned at the destination point.
- A final acceptance certificate is issued to the customer.

### Advantages for the Customer:

- precise knowledge of the Gottwald crane to be transported
- qualified staff for carrying out transport engineering and dismantling/assembly
- extensive experience gained from frequent transport of new and used Gottwald cranes
- all-in-one package from a single source



Crane transport by pontoon via a short sea route in quiet waters



Re-locating a Gottwald crane within a port by floating crane



Shipping pre-assembled components of a Gottwald crane on a barge

Transport of two completely assembled Gottwald cranes using a heavy-load carrier



# Perfect Solutions

## Crane Transport by Gottwald Port Technology

### The Right Transporter

As part of the transport service, Gottwald also selects the appropriate ship. The ship type selected for transport is based on factors such as what handling equipment for loading and unloading the Gottwald crane is available at the ports of departure and destination, or the route to be travelled.

Time considerations can also play an important role in the decision-making. For example, transporting completely assembled cranes using RoRo or heavy-load carriers also affords time advantages since the Gottwald crane does not need to be dismantled and re-assembled, and the crane can be operated immediately at the destination.

### All-Round Safety

For absolute stability and safety during transport, the crane is secured with chain gear or ropes after loading. If necessary, additional devices or equipment for securing the crane can be mounted on the ship.

**If, for example, there is not enough space in the ports for assembly/dismantling, the crane can be shipped as a whole**

### Everything in View

The extensive scope of Gottwald's transport engineering also takes into account water levels and tides, and quayside installations at the ports involved with the transport.

In addition, factors such as the ramp angle for moving the crane onto the transport ship, thus, play a decisive role in engineering the best method for loading and unloading.



Moving the crane onto a RoRo ship



Gottwald crane secured to ensure the highest degree of stability and safety during transport



# Gottwald Services

## Diverse, Cost-Effective and Flexible

Gottwald Port Technology offers a multitude of qualified and customer-oriented services within the scope of crane transport and beyond. These include:

### Professional Crane Inspection

In order to assure maximum availability, a professional crane inspection by Gottwald is recommended. The inspection provides information on the condition of the crane and whether any action is required.

### Specific Spare Parts Package

If parts of a crane have to be replaced, customers can be provided with different types of spare parts packages for maintenance purposes or for replacing wear and tear parts. These packages are perfectly co-ordinated with the respective service requirements of the crane in question.

### Upgrades

In order to guarantee the reliability and cost-effectiveness of a Gottwald crane over its long service life, the following upgrade options are available:

- diesel engine
- external power supply
- control systems
- Teleservice
- Slot PLC
- radio remote control

### Recommended Spare Parts Package

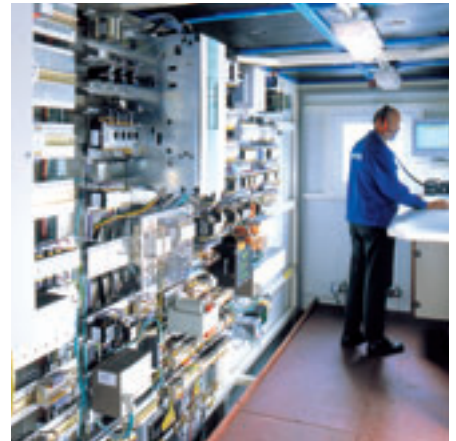
In addition to packages for maintenance or wear and tear parts, it is also possible to order a spare parts package recommended by Gottwald to be placed in stock for future purposes. The advantage: if, due to a crane breakdown, a part is required, it can be replaced on short notice as it is already on site. In this way, downtimes can be kept to a minimum.

### Maintenance and Repair

Gottwald can provide service personnel to carry out maintenance work and replace wear and tear parts. Other necessary repairs can also be carried out by personnel from the Gottwald Service network.

### The Full Service Agreement

When a customer takes advantage of a full-service agreement, Gottwald carries out all the necessary maintenance and repairs on the crane, and assumes the costs for parts and for the performance of work – providing the customer with a clear basis for calculation.



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