

Floating Cranes



Launching Innovative Solutions
Gottwald Floating Cranes Fit the Bill

Gottwald Floating Cranes

The Solution for Special Cargo-Handling Requirements

As the inventor of the Mobile Harbour Crane, Gottwald has taken its core technology, proven worldwide a thousand times over, and adapted it for use on the water – with a complete range of Floating Crane models incorporating all the advantages of Gottwald Mobile Harbour Crane technology.

The crane's diesel-electric drive, flexible choice of lifting gear, high lifting capacities and working speeds, and service-friendly design combine to ensure that our Floating Cranes also have the same degree of efficiency and economy and are suited to a broad range of applications.

Highly Versatile

Gottwald Floating Cranes are suited to handling all types of cargo in conjunction with the most diverse port infrastructures. Since they are not restricted to quayside operation, these machines are the ideal choice for highly flexible applications, which helps terminal operators to dispense with investments in expanding quay infrastructures.

Gottwald Floating Cranes are often used on waterways with no or few quays. When space on the quay is limited, these Floating Cranes can transfer the cargo direct from ship to shore, making landside cranes unnecessary. In other cases, quays which were not designed to take the overall loadings typical for travel and crane operations on land, profit from machines which operate from the water.

In Tune with the Environment

With Gottwald's Floating Cranes, high-performance handling is possible even in places where environmental protection legislation restricts terminal building.



Gottwald Floating Cranes make additional berths unnecessary and neatly navigate around the entire problem of approvals procedures. In addition, they can be quickly deployed to complement landside handling machines and act as versatile back-up systems if a land-based crane is undergoing maintenance or is unavailable.



Areas protected by strict environmental legislation that do not permit quay facilities to be built still benefit from special-purpose Gottwald solutions, such as Portal Harbour Cranes on barges.

Mobile Harbour Crane Technology on Barges

Gottwald Floating Cranes



Not every terminal can claim to have such a good infrastructure that landside Harbour Cranes can be travelled with ease from one berth to another. If the infrastructure is less than ideal or missing altogether, Floating Cranes provide many answers to a host of problems. Journeys from one berth to another are carried out on the water – which can be effected using a tug or the barge's on-board diesel.

Gottwald Floating Cranes are available as Harbour Pontoon Cranes and rail-bound Portal Harbour Cranes on a barge. Harbour Pontoon Cranes are mounted on a pedestal which then connects to the individually configured barge. Portal Harbour Cranes are fitted with a rail-bound portal which is used to travel the crane along the individually configured barge. Above the slew ring, all Floating Cranes benefit from the same proven Gottwald Mobile Harbour Crane technology.

Areas of Application

Gottwald Floating Cranes are used:

- for ship-to-ship handling
- for ship-to-shore handling
- in sheltered waters, ports and on rivers
- in coastal waters and on the open sea.



Types of Cargo

Gottwald Floating Cranes are suited for handling:

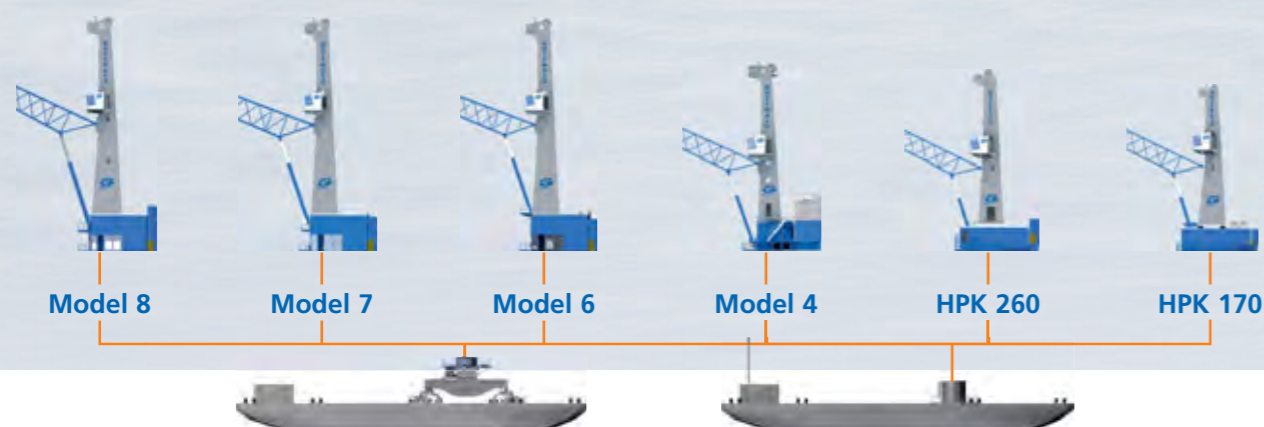
- containers
- bulk materials
- general cargoes.

Additional Features of Gottwald Floating Cranes

Gottwald Floating Cranes unite all the advantages of our Gottwald Mobile Harbour Crane technology which is successful worldwide:

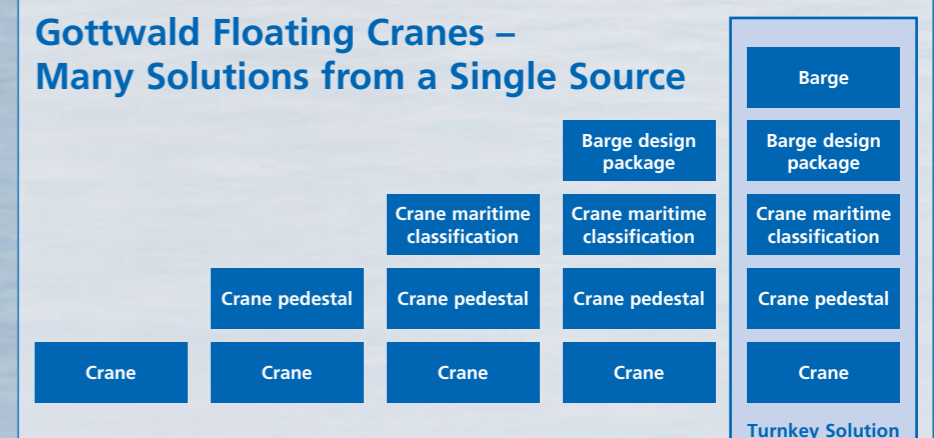
- proven technology
- high cost effectiveness
- modular design principle
- dependable supply of spare parts
- ease of maintenance
- short delivery lead-times.

A Full Range of Floating Cranes



Gottwald Floating Cranes are available in every Gottwald Mobile Harbour Crane configuration. This means that, as well as the Model 4 to Model 8 Floating Cranes, the smaller 170 and 260 cranes can also be supplied as Floating Cranes. All crane models can be supplied with relatively simple barges that are both cost-effective and operationally efficient.

Gottwald Floating Cranes – Many Solutions from a Single Source



Gottwald Floating Cranes are supplied in the same configurations as Gottwald Mobile Harbour Cranes, which means that this flexible concept is applicable to all vessel sizes, cargo types and handling rate needs. As a result, Gottwald is able to cover a broad spectrum of options: from a basic Floating Crane through to a complete, turnkey Floating Crane solution.

Versatility is a Key Feature

Gottwald Floating Cranes



Where construction projects for new quay facilities cannot be approved and where piers do not provide sufficient capacity for operating handling machines, Gottwald's Portal Harbour Cranes on barges are the preferred solution

Larger Gottwald Floating Cranes can also be used alongside ships on the open sea



Gottwald Floating Crane unloading bulk materials from ship-to-shore



On rivers and other inland waterways, Gottwald Floating Cranes are often used for ship-to-ship transshipment

Changing moorings with Gottwald Floating Cranes is a simple and quick matter using e.g. tugs or pushboats



Gottwald Floating Cranes can completely replace land-based handling machines e.g. for container handling

Gottwald Floating Crane unloading containers from ship-to-ship



As well as bulk materials and containers, Gottwald Floating Cranes also handle steel products



Gottwald Floating Cranes are the ideal complement to land-based Mobile Harbour Cranes and Portal Harbour Cranes and can be used as back-up for machines that are currently unavailable

The range of Floating Cranes extends from smaller models for standard requirements through to large, high-performance Floating Cranes by Gottwald for tough, continuous-duty work, chiefly in intensive, high-speed container and bulk handling.

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