

Design - Production - Transportation

# MacGregor steel structure solutions



**DRY CARGO**

# Profit from complete MacGregor steel structure solutions

Our experience of industrial steel structure production dates from the 1950s. Since then, we have mastered global production and supply networks. We have state-of-the-art production arrangements for steel structures, for example, tailored production lines for the efficient manufacture of hatch covers. The combination of experience, expertise and technology makes us a leader in steel structure manufacturing.

Our logo on your hatch covers stands for low maintenance costs, high second-hand value as well as uncompromised operational performance and safety.



## OPTIMISED PRODUCTION

- **We optimise** production in terms of material use, weight and process efficiency to provide the highest quality product at the best possible price.
- **Our tailor-made production lines** are optimised to manufacture our designs.
- **Our production and product design teams** are committed to continuous improvement through regular feedback and clear communication.
- **We only use experienced suppliers** and our own quality control personnel are permanently present.
- **Our production concept** enables continuous knowledge sharing and information exchange between our design department and the manufacturing team.

## DESIGN

- **Product design** meets the ship's cargo profile needs.
- **Designs** are conceived with our production facilities and overall production costs in mind, including safe product delivery.
- **Use of material** is optimised.

## OPTIMISED PRODUCTION

## QUALITY & COST EFFICIENCY

## VOLUME

MacGregor is one of the largest names in global marine steel structure production

The innovative design and operational success of our solutions, combined with our worldwide production and service network, contributes to our customers' operational safety, performance and cost efficiency.

## VOLUME

- **Our large production capacity**, combined with a well-planned production network, provides the flexibility needed to arrange the right slot for each project.
- **We take responsibility for your project** during manufacturing and manage the whole supplier and logistics network. This saves our customers time and money.

1920s  
The first steel hatch cover developed by the engineer, Robert MacGregor

1940s  
Large-scale hatch cover production begins

1950s  
Own steel structure production

1980s  
Global production and supply network

1980s

T O D A Y



# MacGregor steel structures

We provide steel structures for bulk carriers, container ships and general cargo ships. Our product portfolio covers everything that is needed for an efficient ship-based cargo handling system.



*Cargotec provides MacGregor steel structures for diverse vessel types.*

## We deliver

- **VLOC hatch covers**
- **Rolling hatch covers**
- **Folding hatch covers**
- **Lift-away hatch covers**
- **Piggy-back hatch covers**
- **Stacking hatch covers**
- **Tweendeck hatch covers**
- **Movable bulkheads**
- **Lashing bridges**
- **Cell guides**
- **Container stanchions**
- **All relevant components**



## A flawless finish

**We have unrivalled** experience in surface treatment processes and technology. Our surface treatment lines provide controlled conditions for even the most demanding specifications, and our experts in this field are FRO SIO-certified. Our attention to detail is demonstrated throughout the process, including our standard practice to stripe coat vulnerable areas before each new layer of paint is applied. We provide uncompromising quality for the toughest marine conditions.



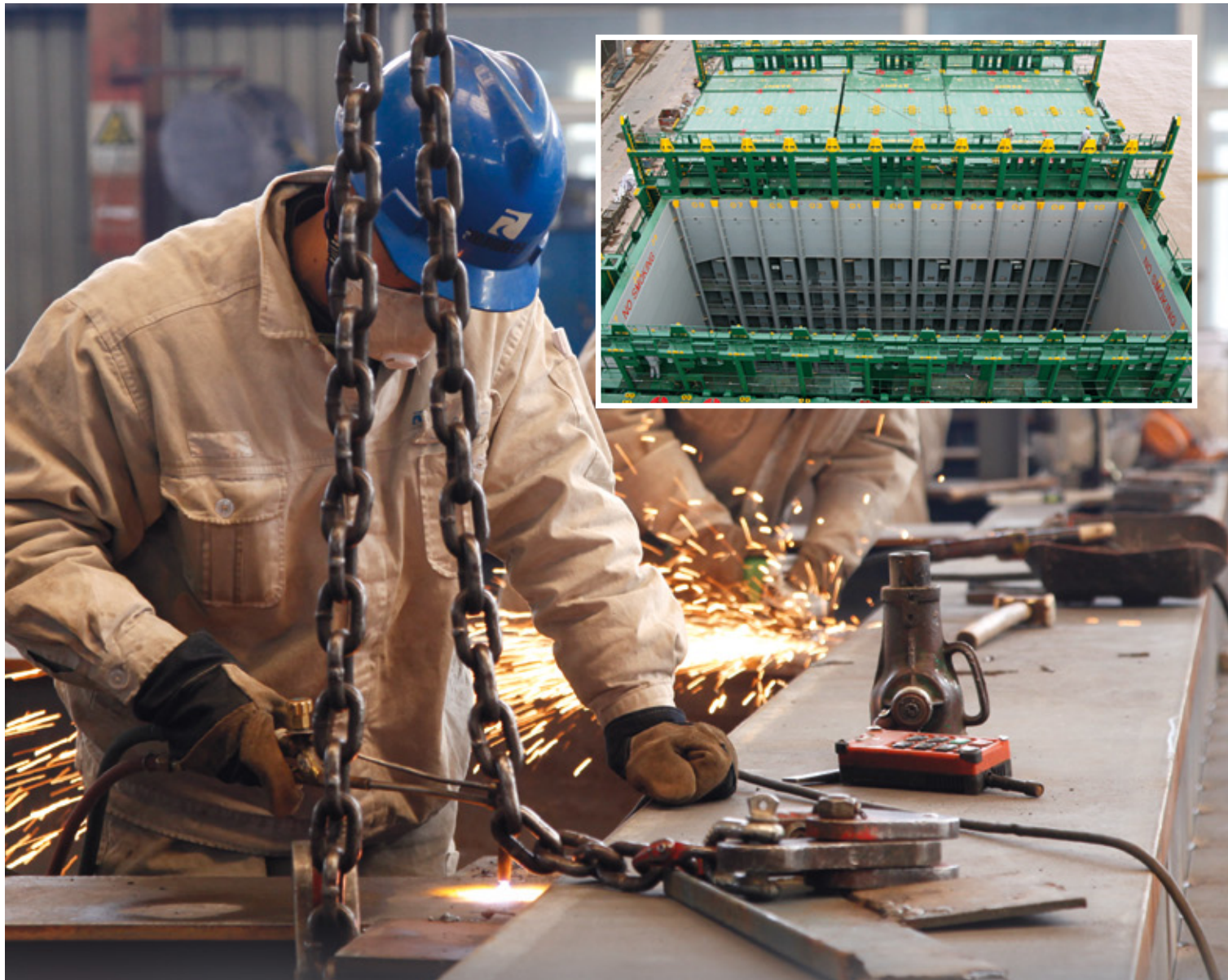
We keep our customers satisfied

Our **systematic quality** validation processes ensure that every phase of manufacturing is controlled and monitored, and at pre-defined key stages in fabrication we provide production updates for the customer. Our close control of the overall process reduces the supervision workload of both the shipyard and shipowner.



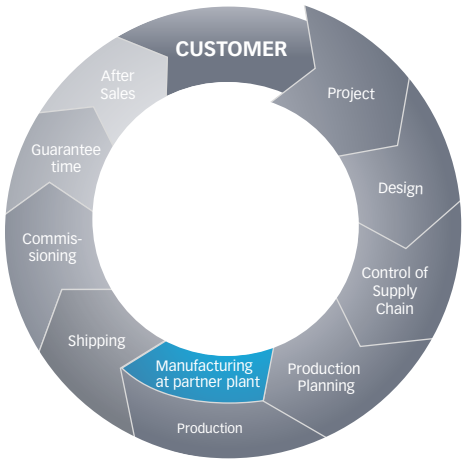
Tailor-made transportation concept

**Cargotec's tailor-made** transportation concept for steel structures ensures safe and punctual deliveries. Shipments arrive when agreed, in perfect condition. We have developed specialised lashings and re-usable steel transport supports and only employ long-term professional logistics partners for the transportation of larger steel elements.



# Overall project responsibility

We can take **overall responsibility** and risk control for your complete steel structure deliveries.



*Our production process is a carefully-considered procedure, refined by decades of experience.*

- Our local organisations serve you globally, and local partners are always available.
- All our production lines are supervised on a permanent basis by our own global quality assessors.
- We are a stock listed, well-established and financially healthy company.
- We have mastered our trusted global partner network over years of co-operation experience, in areas including sourcing, manufacturing, and transportation.
- As an organisation we are expert at project management, covering technical and commercial issues, sourcing and logistics, as well as overall project management expertise.
- Our service provides global support for our products throughout their lifetime.



Lloyd's Register Quality Assurance certifies that the Quality Management System for Cargotec Marine is ISO 9001:2008 compliant.

**Cargotec** improves the efficiency of cargo flows on land and at sea - wherever cargo is on the move. Cargotec's daughter brands, Hiab, Kalmar and MacGregor are recognised leaders in cargo and load handling solutions around the world.

**MacGregor** is the global market leading brand in marine cargo handling and offshore load-handling solutions. Customer-driven MacGregor engineering and service solutions for the maritime transportation, offshore load-handling and naval logistics markets are used onboard merchant and naval ships, on offshore support vessels, and in ports and terminals.

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