

# Bulkhead sealing gear

for bulk commodities and project cargoes



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The new MacGregor bulkhead sealing gear system is type-approved and addresses the transportation demands of bulk commodities and combinations of project and bulk cargoes.

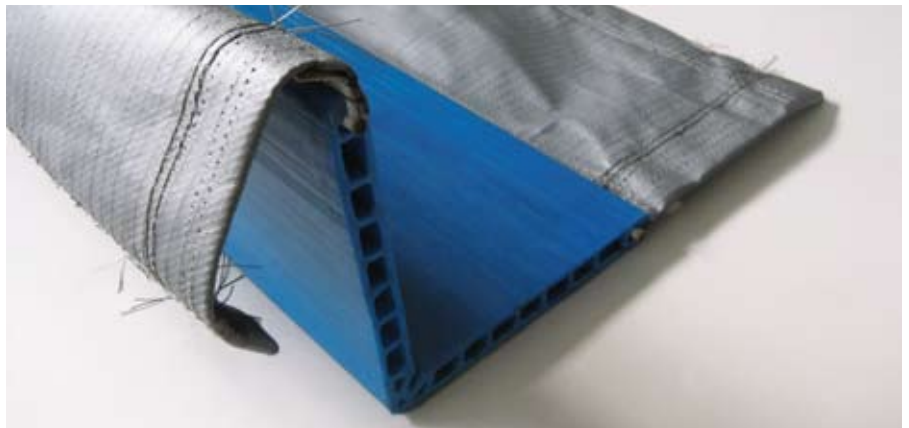
More and more complex multi-purpose vessels are needed to meet the demands of carrying an increasing variety of cargoes. Many of these new vessels are equipped with moveable tweendeck pontoons, which can be used either horizontally or vertically to separate different kinds of cargoes. The new MacGregor bulkhead sealing system is designed to seal the gap between the hull and the bulkhead in a quick and efficient way. It helps to prevent contamination of the cargo and to keep the distribution of cargoes balanced, thus ensuring vessel stability.

Clear benefits of the system are time and work savings. During loading, only a short preparation time is needed in port, and the hold cleaning process is significantly shorter as the system is leak-free.

The system is equally suited for use on existing vessels and for newbuildings, and can easily be moved onboard, wherever it is needed. It is possible to seal the hold's flat front side, as well as the variably shaped hold bottom.

When both sides of the bulkhead are sealed, the loading or discharging rotation between holds can be changed at any required time.

The system leaves no waste material behind and hold cleaning time can be further reduced by closing the tweendeck support recesses to prevent bulk cargo ingress into these areas. For this purpose, the system can be delivered with dedicated recess closing plugs.



## Properties

- Type-approved by class (Lloyd's Register), patent pending
- Lightweight and easy to handle
- Easy to assemble and to disassemble
- Designed for the flat front and the variably shaped hold bottom; can be adjusted to various hold shapes
- Fastening with integrated magnets
- Excellent sealing tightness for cargo stability
- Strong and flexible tarpaulines
- Maintenance-free durable materials
- Fully corrosion-free system
- Environmentally-friendly and re-useable; no waste material produced



**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.

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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Lloyd's Register Quality Assurance certifies that the Quality Management System for Cargotec Corporation's business area MacGregor is ISO 9001 compliant.



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