



Folding hatch covers

Ships carry various cargoes on deck, including containers, while general cargo is also stowed in the holds. Foldable hatch covers allow high flexibility in cargo loading on top of the panels as well as in their suitability for the covering of large hatches. As a leading manufacturer of hatch covers, TTS offers tailor-made hatch cover systems in both folding and multi-folding design.

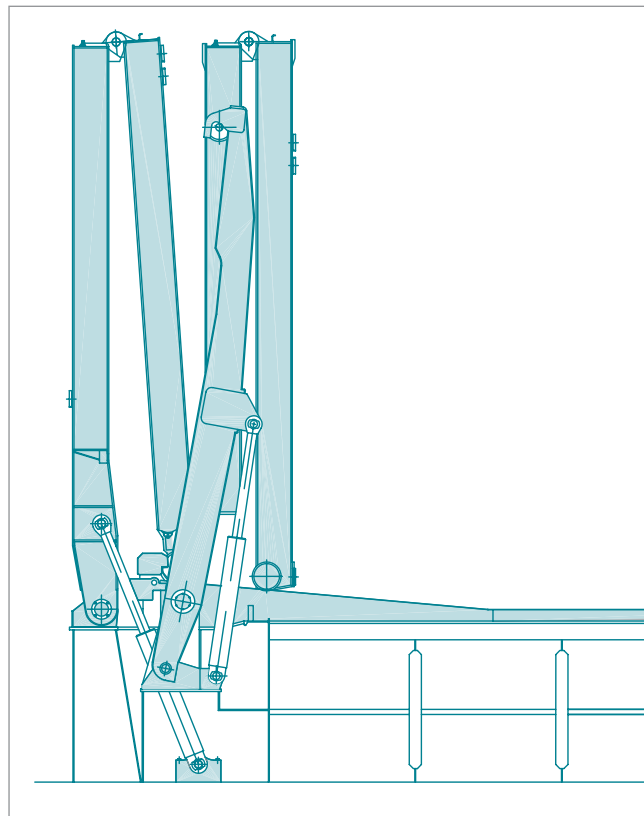


Hatch covers are not simply a single steel product. They form part of a system of various components, and the proper interaction between all of these fittings is the prerequisite for optimal cargo stowage. Among these components are:

- Bearing pads for force transmission between hatch cover and hull structure. These ensure flexible and smooth movement between panel and coaming and maintain the hatch cover in position to seal the cargo hold. Bearing pads are installed at various locations
- Sealing devices for keeping the hold cargo dry and protected
- Cleatings such as snap locks to secure the panels against lifting.

CHARACTERISTICS

- Suitability for the coverage of long hatches using the folding system (up to six single panels can be linked, forming a long hatch cover and stowed at one end of the hold)
- Various cargo loading options are allowed such as containers, timber, bulk cargoes
- The hatch cover pairs are stowed vertically
- Easy on-deck access to the hydraulic operating system
- Facility for partial opening between folding pairs
- Special design for limited stowage space.



Above: Folding hatch cover in vertical stowage position

Below: Drive system with cylinders

