

A Member of the Constructor Group



SHIP SHELVING & CABINETS

Quality and Safety on board



HI280 Shelving for marine use

Although shipping is one of the oldest industries in the world, which continues to dominate the world economy, most people know very little about this complex powerhouse that touches almost every single thing you use in life, from the clothes you wear, to the fruits you eat, to the steering wheel in your car, all these things are available thanks to an industry that has been operating since man learned to float.

Today, an amazing 70 per cent of the world's fleet is controlled from Europe, with Norway globally recognised as a leading force in maritime business. The need for seamless and efficient logistics is crucial to a modern shipping industry as we continue to share commodities globally. And as consumers become increasingly demanding and transportation gets more complex, constant rethinking into how to maintain product quality throughout the transport chain is needed.



Traditionally, Norwegian shipyards have four main markets: offshore vessels, small specialist vessels, fishing vessels and passenger ferries. Over the years Constructor has gained expertise in each of these markets and understand the challenges that they each face, which has helped fine tune the unique storage solutions which are offered into each of these markets.



Basic Principles ...



HI 280 Ship Shelving & Cabinets components are manufactured from high grade pre-galvanized steel. The system is a heavy duty, versatile product available in a wide choice of sizes to enable individual solutions to be tailored to client requirements. It is quick and easy to assemble with the main components simply hooking and locking together to provide a strong rigid structure.

T-shaped upright which is 50mm wide by 51mm front to back. The same section is used for both the front and rear uprights within a frame. The upright is formed to create a rectangle hollow section as part of the web, this gives the upright high load carrying capacity with respect to material thickness. The return lips of the section are clinched together at 100mm intervals.



Each storage level consists of two parts, a shelf and a shelf beam. The shelf is made from profiled steel with a concave front face and folded rear and side faces. The steel is also clinched together adding to the strength of the shelf.

At either end the front face of the shelf is provided with recesses enabling it to fit around the return flanges on the upright. This connection provides good stability along the length of the rack.

8 Standard Ship Cabinet Modules

These 8 Standard modules are designed for fast and simple ordering.

Standard cabinet dimensions are 2100 x 500 x 1050 mm (HxDxW). The heights 1000 and 1600 mm can also be supplied. The cabinets are fully steel clad, doors and trays has a white painted surface. The doors are provided with a lockable door set including built-in handle to avoid injuries. All shelves are provided with a front bin to prevent small items from falling out. The cabinets vary in number of components, such as shelves, dividers and drawers.

This standard system can also be customized for any specific need. E.g. we can deliver a cabinet with a height of 1800 mm but with a 1600 mm door.

System benefits

- ✓ Strong and rigid structure
- ✓ Versatile
- ✓ Pre Galvanized components
- ✓ Wide range of accessories
- ✓ Tailor made ship shelving
- ✓ Standard modules of Ship Cabinets
- ✓ High load capacities
- ✓ Standard solutions for special applications
- ✓ Fixed to the body of the ship (no welding)
- ✓ Fast installation
- ✓ Safety and strength approved by NATO and Lloyd



Furthermore we can offer you a wide range of bins and trays, from the very small parts bin, all the way up to the large Euro Containers. A separate appendix is available describing the part of the extensive range that is most suited to use in the HI280 shelving system.


HI 280 2 - 500

7 shelves


HI 280 6 - 500

11 shelves
30 dividers 200 mm


HI 280 7 - 500

10 shelves
4 dividers 300 mm
11 dividers 200 mm
12 drawers 156x99 mm


HI 280 8 - 500

9 shelves
2 dividers 400 mm
9 dividers 250 mm
18 drawers 156x99 mm


HI 280 9 - 500

10 shelves
2 dividers 300 mm
15 dividers 250 mm
12 drawers 156x99 mm
3 drawers 313x99 mm


HI 280 10 - 500

11 shelves
4 dividers 300 mm
12 dividers 200 mm
12 drawers 156x99 mm
6 drawers 313x99 mm


HI 280 11 - 500

11 shelves
4 dividers 300 mm
6 dividers 250 mm
24 drawers 156x99 mm
6 drawers 313x99 mm


HI 280 12 - 500

13 shelves
2 dividers 250 mm
6 dividers 200 mm
30 drawers 156x99 mm
12 drawers 313x99 mm

Special ship shelving solutions

A full range of accessories have been specifically designed to securely store small cargo parts to prevent these from falling out in rough sea conditions.



Each shelf is provided with a metal band, which is usually mounted to the front of the shelf. The column flanges and secure hooks are located on the network of columns. Separators are used to subdivide into compartments.



Customer solutions



Accessories for HI280

Various accessory parts make individual adaption for stored goods or for different physical spaces easy. There is always a solution for you. These are only a few examples.

Plastic trays and bins - Ideal for storing smaller items, available in a number of sizes.



Shelf drawers and drawer nests - For storing small parts. Shelf drawers positioned directly on the HI280 shelf or guided in a frame.



Doorbrakes - Used to reduce the risk of crush injuries in heavy seas.



Shelf divider full height - Used to separate stored items and create shelf locations. Secured with 4 pins between the upper and lower shelf.



Bin front - Fitted to the front and/or back of a shelf to prevent items falling from the shelf. Can be stacked on top of each other.



Shelf divider part height - Used to sub-divide the shelf into smaller compartments. Independent of shelf pitch. Secured to the shelf below. Available in 90mm and 140mm heights.



Label holder - Clipping to the upright they provide an accurate and rapid identification.



Tool panels - Ideal for storing smaller items, available in a number of sizes.



Lockable doors - Full and part height lockable doors.



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