



*MEYER WERFT has built the cruise ship Carnival Jubilee for Carnival Cruise Line. This ocean giant features advanced propulsion technology which uses low-emission liquefied natural gas. / Source: MEYER WERFT*

## Valves to get the industry shipshape

It's full steam ahead in shipbuilding, and there's plenty to be done. In Europe alone, around 10,000 seagoing vessels and 15,000 inland vessels are in operation. Worldwide, more than 100,000 merchant ships and 25,000 naval vessels traverse the oceans. A substantial share of the fleet needs to be overhauled or replaced with newly built vessels. On top of that, maritime shipping must be climate-neutral by around 2050. Efficient valves form an important part of the solution, helping the industry get shipshape.

### Valves for upgrading the global fleet

Valves are found in virtually all of a ship's systems. They are used in ballast water treatment, as well as for the supply of water, air and oil. Valve solutions are required for fire protection, exhaust-gas cleaning systems, clean water on board, monitoring engine functions, and the precise control of energy conversion. In addition, LNG – and later ammonia, hydrogen and synthetic diesel – will gradually replace conventional fuels. But this transition will only be possible with suitably engineered valves.



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2026**  
DÜSSELDORF GERMANY



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Innovative valve technology is therefore essential for the successful modernisation of the global fleet and to keep the industry off the rocks. Their renewal offers significant potential for the shipping industry, the environment, and the valve industry itself. Full speed ahead!

Discover the latest trends and highlights from the valve industry at VALVE WORLD EXPO from 1 to 3 December 2026 in Düsseldorf. Find the latest industry news and product information at [www.valveworldexpo.de](http://www.valveworldexpo.de).

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