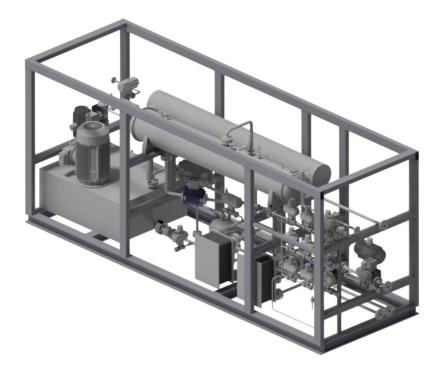
Eltronic FUELTECH



Fuel Supply & Recirculation System NH3

Eltronic FuelTech is delighted to present our advanced Fuel Supply & Recirculation System for ammonia fuel operation. Ensuring that the International Maritime Organization (IMO) targets of reducing the vessel-related CO2 emissions by at least 40% in 2030 are met requires decarbonized marine fuels. Green ammonia is a zero carbon fuel and is considered the most feasible fully decarbonized fuel to be used within the shipping industry in order to meet the reduction in CO2 required by IMO.

Eltronic FuelTech's Fuel Supply & Recirculation System NH3 is at complete turnkey solution which is able to provide ammonia to the MAN ES ME-LGI-A engine. The system contains of equipment and components fitted to handle the ammonia as well as the tough marine environment. The Eltronic FuelTech Fuel Supply & Recirculation System NH3 consists of process equipment complete with pumps, heat exchanger, heating/cooling loop, duplex filter and recirculation tanks, that will safely secure the flow of ammonia to and from the engine at the needed pressure and temperature. A Nitrogen purge connection is incorporated into the Fuel Supply & Recirculation System. This is needed in order to purge the engine, and is designed to prevent back flow of fuel to the nitrogen source.

Furthermore, the system consists of a control cabinet to be installed in safe area, from where all processes of the Fuel Supply & Recirculation System are controlled. This control system secures safe and stable operation, recirculation and purging of the Fuel Supply & Recirculation System NH3.

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Eltronic FuelTech A/S | Kilde Allé 4, DK-8722 Hedensted | +45 76 74 01 01 | sales@eltronicfueltech.com | www.eltronicfueltech.com