

PRESS INFORMATION

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Development and Delivery of a Low Pressure, Cylindrical Marine Auxiliary Boiler

Tokyo, April 1, 2021 – Mitsubishi Heavy Industries Marine Machinery & Equipment Co., Ltd. (MHI-MME) MHI-MME newly developed a low pressure to meet the demand of customers to reduce initial costs, cylindrical MAC-DS marine auxiliary boiler, primarily for installation on product carriers and other tankers, hereby expanding the company's core auxiliary boiler product lineup.

The order for the first MAC-25DS (rated evaporation: 25 ton/hr.) for 50K DWT product carriers was received through CSSC Jiujiang Boiler Co., Ltd., an MHI-MME licensee in China. Delivery was completed in February 2021 to COSCO (Dalian) Shipyard Co., Ltd.

A MAC-D Series high pressure cylindrical auxiliary boiler for driving a tanker unloading pump turbine is also currently being developed and is scheduled to be released successively.

Traditionally, MHI-MME's core boiler product has been the two-drum water tube MAC-B Series for tankers, with a large number delivered to customers. The two-drum water tube MAC-B Series features technology that has frequently been adopted for use in larger capacity, higher temperature, higher voltage power generation as well as for marine main engines. It is highly recognized in the market as a marine boiler that is superior in terms of reliability and durability.

To ensure the same reliability as the MAC-B Series, the new MAC-D/MAC-DS Series were developed in cooperation with the MHI Group's Shared Technology research division. For commercialization of the model, structural strength and heat exchanging performances were evaluated based on numerical analysis to achieve an optimal design that can withstand long-term use.

MHI-MME will continue to leverage the expertise and technical capabilities gained through its copious track record and deliver products that meet the needs of customers.

Mitsubishi Heavy Industries Marine Machinery & Equipment Co., Ltd.

