
COSCO SHIPPING builds twelve 14,000 TEU dual-fuel methanol container vessels

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COSCO SHIPPING Heavy Industry Co., Ltd. and COSCO SHIPPING Container Lines Co., Ltd signed a contract in Shanghai for the construction of twelve 14,000 TEU container ships with dual-fuel methanol propulsion.

With the latest order, COSCO SHIPPING emphasises its efforts to implement the concept of green and low-carbon development and build an environmentally friendly fleet while reducing the impact of daily operations on the environment and ecology to achieve long-term sustainable development.

A new generation of vessels

The new ships belong to a new generation of ship types developed jointly by COSCO SHIPPING Lines, COSCO SHIPPING Heavy Industry and the China Shipbuilding and Ocean Engineering Design and Research Institute. With a length of 335.9 metres, a width of 51 metres and an invisible bulb bow and stern energy-saving device, the new vessels adopt innovative design and advanced technology. They offer a large loading capacity of 13,700 standard containers and a high loading capacity for reefer containers to provide high-quality, end-to-end cold chain services to customers worldwide.

Green technology to save emissions

The new vessels are equipped with the world's most powerful permanent magnet shaft generator, a bow wind deflector, an air lubrication system for the hull and intelligent systems developed by COSCO SHIPPING that fulfil the third phase of EEDI energy efficiency indicators and the latest cyber security regulations. The dual-fuelled main engine and generator are both powered by methanol to significantly reduce greenhouse gas emissions.

(COSCO SHIPPING)