
Press release

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Sanmar Shipyards Choose MAN 175D for New Svitzer TRAnverse Tug Design

Sanmar Shipyards in Turkey have placed an order for a pair of MAN 12V175D-MM marine prime movers. The 2 x 2,040 kW-rated propulsion engines were selected to provide power for a new generation 60 TBP TRAnverse tug. Both engines will be supplied along with MAN Energy Solutions' versatile and efficient SCR exhaust gas after-treatment system, enabling the vessel to meet IMO Tier III emission standards.

The engines and accompanying SCR systems will be supplied direct to Sanmar from the MAN Energy Solutions production facility in Denmark, with a delivery scheduled for December 2022, while vessel completion is planned for Q3 2023.

"Svitzer is extremely excited with the new and very innovative TRAnverse tug design which we have developed in collaboration with Robert Allan Ltd. The compact 26-meter version of the TRAnverse tug called for 'short' TIER III engines. With the MAN 175D engine we believe we have found the right balance between engine size and power requirement. Our experience with this type of engine is good and we recently used this type of engine for two icebreaking tugs delivered last year," Svitzer's Chief Operating Officer, Ingrid Uppelschoten Snelderwaard, said.

Hakan Tunç, Engineering Director of Sanmar Shipyards, said: "The excellent collaboration between Sanmar, Svitzer and MAN Energy Solutions' technical and commercial departments has resulted in optimization at every stage of the development of this innovative TRAnverse 2600 tugboat design, including its power, crew safety and environmental impact. We are proud to be the builder of this extremely special Svitzer-created and RAL-designed tugboat. We are also happy to try the high speed MAN engine with its SCR solution in this special project."

Benjamin Andres, Head of High Speed, MAN Energy Solutions, said: "This is just the latest reference for the MAN 175D engine within the tug market sector. It clearly demonstrates that the engine is ideally suited to such a demanding application, where its technical and economical credentials stand it in good stead, while its compactness, performance and operational cost benefits are all seen as key aspects for our customers."

About the MAN 175D engine

MAN Energy Solutions has developed the MAN 175D engine range to supplement and complete its product portfolio in the maritime sector. In three variants of 12, 16 and 20 cylinders, the engine is available with an output ranging from 1,500 to 4,400 Kilowatts and is optimised for propelling ferries, offshore support ships, tugs and other working vessels. Other market areas, such as super-yachts, planing yachts and naval marine applications are also served by additional engine variants.

It is also an extremely eco-friendly engine, having been designed from the outset, with a combination of low fuel consumption, coupled with compliance to the latest exhaust-gas-emission standards and considering as well, future requirements, by utilising a very compact and flexible SCR system, which enables vessel designers to optimise space on board to the maximum.



The MAN 12V175D-MM engine

About Sanmar

Having almost five decades of experience, Sanmar has a reputation for innovation and excellence at its custom-built state-of-the-art shipyards at Tuzla and Altinova in Turkey.

Renowned for a wide portfolio of technologically-advanced tugs based on world-leading designs from naval architects such as Robert Allan Ltd., built on demand to customers' specific operational needs, Sanmar leads the world in the construction of tugboats, with more than 300 built to date. Leading the way to a sustainable future through technological advance, Sanmar's range of tugs includes LNG-fuelled, hybrid and autonomous vessels.

Also a tug operator, it prides itself on focusing on minimizing or eliminating negative environmental impact. Sanmar Shipyards works in close partnership with customers at every stage and offers unrivalled after sales and post-delivery technological support.

For more information, please visit: www.sanmar.com.tr

About Svitzer

Making global port operations safer and more efficient, every time, everywhere. Since 1833, Svitzer has provided safety and support at sea as a standalone towage operator and as part of A.P. Moller - Maersk. With 4,000 employees, a fleet of more than 450 vessels and operations all over the world, we are the global market leader within towage and marine-related services.



Graphical rendering of the new generation tug (picture courtesy Sanmar Shipyards)

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.