



MAN 12V 175D Navy Gensets Delivered to Fincantieri for First PPA vessel

Copenhagen,
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Following order won in October 2016, MAN Diesel & Turbo SE delivers gensets for first new Italian Navy OPV and secures order for second shipset

After the successful FAT, held in July 2017 and witnessed by a delegation from the Italian Navy, MAN Diesel & Turbo SE has delivered 4 x MAN 12V175D generating sets to Fincantieri Muggiano Shipyard, where the first of a class of seven Multipurpose Offshore Patrol Vessels (Pattugliatore Polivalente d'Altura - PPA) is currently under construction.

This day marks a true milestone as, after being successfully operated in commercial marine installations, the MAN 175D is now available as a fully qualified and referenced product for the Defense Market.

Following the delivery of MAN main and auxiliary engines for the Logistic Support Ship (LSS) "Vulcano", this is the second contribution to the Italian Navy's fleet renewal program, and it will not be the last as the engines for the Landing Helicopter Dock (LHD) are currently in production and the follow-up gensets order for the second PPA has recently been placed by Fincantieri.

The MAN 12V175D gensets for the PPA class are specifically designed for Navy applications, including double elastic mounting layout to fulfill strict vibration and shock requirements. Two of the gensets are equipped with a high-performance noise enclosure to guarantee a very low acoustic signature and MAN own-designed SCR exhaust after-treatment systems, already compliant with the latest IMO TIER III emission regulations.

Lex Nijsen, Head of Four-Stroke Marine, commented: "MAN Diesel & Turbo SE is proud of having contributed with the MAN 175D to such an ambitious and technologically advanced fleet renewal program. The close cooperation with Fincantieri and the Italian Navy has been the key factor for a successful project and has laid the foundation for securing the order for the second shipset".

Programma di Rinnovamento Navale

"Programma di Rinnovamento Navale" is a major fleet renewal project that will comprehensively modernize the Italian fleet, allowing a number of older

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vessels to be retired in the process. MAN Diesel & Turbo SE has furthermore won the order to supply main and auxiliary engines for a logistics support ship (LSS) and landing helicopter dock (LHD).

MAN Diesel & Turbo's scope of supply for the LSS covers 2 × 20V32/44CR main engines (delivering 12,000 kW each) for diesel-mechanical propulsion + 4 × 6L27/38 gensets (delivering 2,084 kW each). The scope of supply for the LHD is 2 × 20V32/44CR main engines (delivering 12,000 kW each) + 4 × 9L32/44CR gensets (delivering 5,400 kW each). MAN Diesel & Turbo will also supply its in-house-designed SCR system for the auxiliary engines.

About the MAN 175D Engine

With the MAN 175D engine, MAN Diesel & Turbo SE complements its marine product portfolio with a powerful high speed engine in the power range from 1,500 to 2,200 kW. Typical applications include ferries, offshore supply vessels, tugs, working boats and naval vessels. In combination with the MAN own-designed SCR after-treatment system, the MAN 175D already fulfills the latest IMO emission regulations. Since 2014, MAN 175D propulsion and gensets solutions have proven their superior efficiency and reliability with thousands of operating hours in several applications. More info is available at www.175d.man.eu.

About Fincantieri

Fincantieri is one of the world's largest shipbuilding groups and number one by diversification and innovation. It is a leader in cruise ship design and construction and a reference player in all high-tech shipbuilding industry's sectors, from naval to offshore vessels, from high-complexity special vessels and ferries to mega-yachts, ship repairs and conversions, systems and components production and after-sales services.

Headquartered in Trieste (Italy), the Group has built more than 7,000 vessels in over 230 years of maritime history. With more than 19,400 employees, of whom more than 8,200 in Italy, 20 shipyards in 4 continents, today Fincantieri is the leading Western shipbuilder. It has among its clients the major cruise operators, the Italian and the U.S. Navy, in addition to several foreign navies,

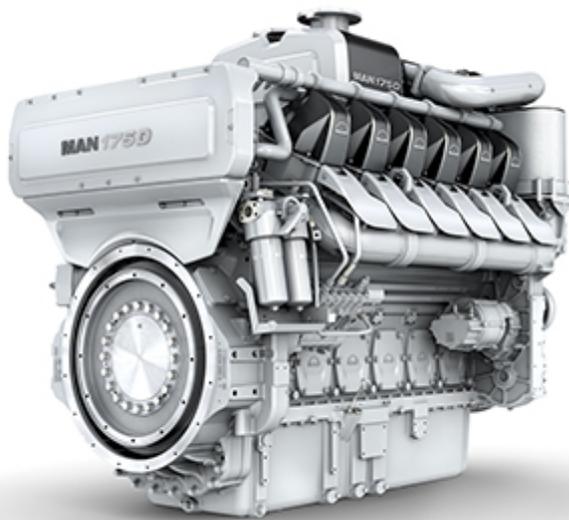
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and it is partner to some of the main European defense companies within supranational programs.



The MAN 175D engine

About MAN Diesel & Turbo

MAN Diesel & Turbo SE, based in Augsburg, Germany, is the world's leading provider of large-bore diesel and gas engines and turbomachinery. The company employs around 15,000 staff at more than 100 international sites, primarily in Germany, Denmark, France, Switzerland, the Czech Republic, India and China. The company's product portfolio includes two-stroke and four-stroke engines for marine and stationary applications, turbochargers and propellers as well as gas and steam turbines, compressors and chemical reactors. The range of services and supplies is rounded off by complete solutions like ship propulsion systems, engine-based power plants and turbomachinery trains for the oil & gas as well as the process industries. Customers receive worldwide after-sales services marketed under the MAN PrimeServ brand.