



MAN Engines releases first IMO Tier III engines for workboats

Munich, 14/05/2019

551 to 1,213 kW engine power range now available; low-cost, SCR-only solution; technology in standard production at MAN since 2006

MAN Engines – a business unit of MAN Truck & Bus – is now offering 12-cylinder, IMO Tier III emission standards engines for workboats, spanning a comprehensive power range from 551 to 1,213 kW. The engines are immediately available. This is particularly relevant to customers in Canada and the USA's East and West Coast Emission Control Areas (ECAs), who are now subject to regulatory limits around 70% stricter than IMO Tier II. Customers in the North Sea and Baltic Sea ECAs needing to prepare for the mandatory limits, which will come into force on 1 January 2021, now have a series of options in the MAN Engines range.

The solution ensuring compliance with the IMO Tier III limits is MAN Engines' modular exhaust gas aftertreatment (EAT) system, which was exhibited at the SMM trade fair last year. The system sets itself apart with a high level of flexibility and the fact that it is extremely compact, which makes it perfect for meeting the diverse requirements associated with professional shipping. The modular EAT allows for a wide range of installation possibilities, as the individual SCR catalytic converter components can be positioned differently, enabling flexible system integration tailored to specific customer needs. However, it is not just flexibility and compactness that this essentially maintenance-free exhaust gas aftertreatment system has to offer – it is extremely lightweight, too.

The key to cost savings and greater system simplicity was the manufacturer's decision to avoid a complex exhaust gas recirculation system and heavy,

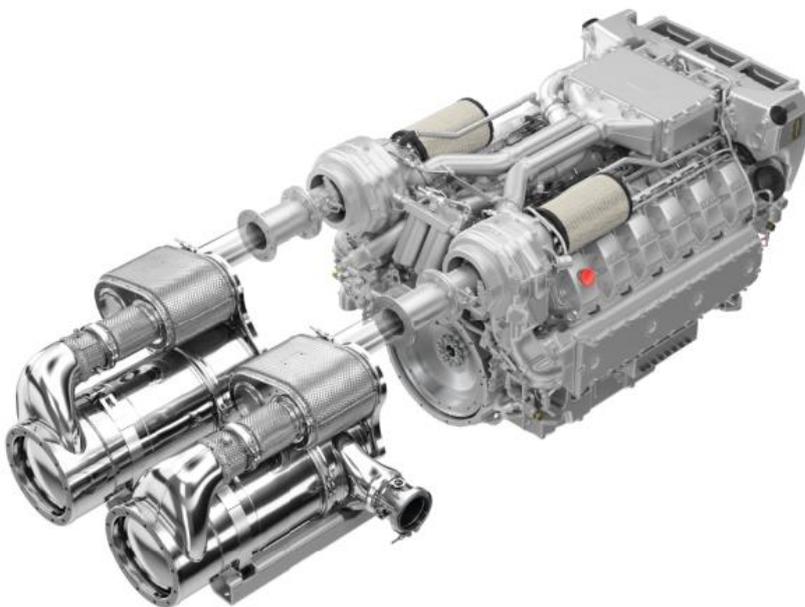
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MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of some 11 billion euros (2018). The company's product portfolio includes vans, trucks, buses/coaches and diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON SE and employs more than 36,000 people worldwide.

bulky components like diesel particulate filters and oxidation catalytic converters.

MAN Engines' modular exhaust gas aftertreatment system was showcased at the International Workboat Show in New Orleans, LA, back in late 2017. The IMO Tier III compliance solution is all based on the expertise of MAN Truck & Bus SE. As one of the leading European commercial vehicle manufacturers, the Group has been successfully using SCR systems in the its own trucks in high-volume production since 2006. As well as this, MAN Engines also benefits from the experience in fitting and installation gained from the agricultural and industrial sectors, where the technology has been in serial production since 2015 for in-line and V-engines. The EAT is also showing how practical it can be in field trials for working boats, which are currently running.



Now available from MAN Engines: 12-cylinder engines for IMO Tier III featuring the modular exhaust gas aftertreatment system and spanning a power range from 551 to 1,213 kW.



Two of the countless variants that are possible thanks to the installation flexibility of MAN Engines' modular exhaust gas aftertreatment system, which provides maximum versatility.



Two MAN D2862 LE469 field trial engines rated for 1,029 kW (1,400 hp) at 2,100 rpm, including a modular exhaust gas aftertreatment system. These were successfully used in the pilot boat Luna at the Port of Rotterdam.