



MAN Engines presents the next generation of the proven MAN E32 series

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- **Focus on revision of turbochargers**
- **Targeted measures to increase component robustness**
- **Targeting international markets with a NO_x emission limit of 250 mg**

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MAN Engines is modernizing the tried-and-tested E32 gas engine series for natural gas and biogas applications in order to make it fit for the requirements of tomorrow's international markets. Since its market launch in 2012, the series has established itself as extremely popular and powerful with over 10,000 engines installed worldwide. The continuous further development underlines MAN Engines' claim to continue to set standards in efficiency, emission behaviour and service life in the future.

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The current product update of the MAN E3262 LE202 (natural gas) and LE212 (biogas) engine types focuses on the revision of the turbochargers. Structural changes have significantly increased its robustness. For example, a dry turbine housing with insulation is now used, which does not require additional water-bearing pipes. This not only reduces potential leaks, but also prevents thermal hotspots in the event of insufficient coolant flow. In addition, new thrust and plain bearings made of a special bronze alloy ensure improved corrosion resistance and longer service life.

The new turbocharger generation also offers clear economic advantages. Efficiency increases are particularly impressive at a NO_x limit value of 250 mg/Nm³. This regulatory value for nitrogen oxides is considered the standard in many countries. "The requirements of international markets were clearly the focus of the further development of our systems," explains Hubert Gossner, Head of Power & Off-Road at MAN Engines. "Particularly in optimizing efficiency, we have taken specific care to consistently take into account the globally applicable emission limits – in particular the 250 mg NO_x. In this way, we ensure that our solutions are not only high-performance, but also globally operational."

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and providers of transport solutions with an annual sales revenue of around 13.7 billion euros (2024). The company's product portfolio includes trucks and buses/coaches with diesel and zero-emission drives, vans, diesel and gas engines along with services related to passenger and cargo transport. MAN Truck & Bus is a company of TRATON GROUP and employs approx. 33,000 people worldwide.



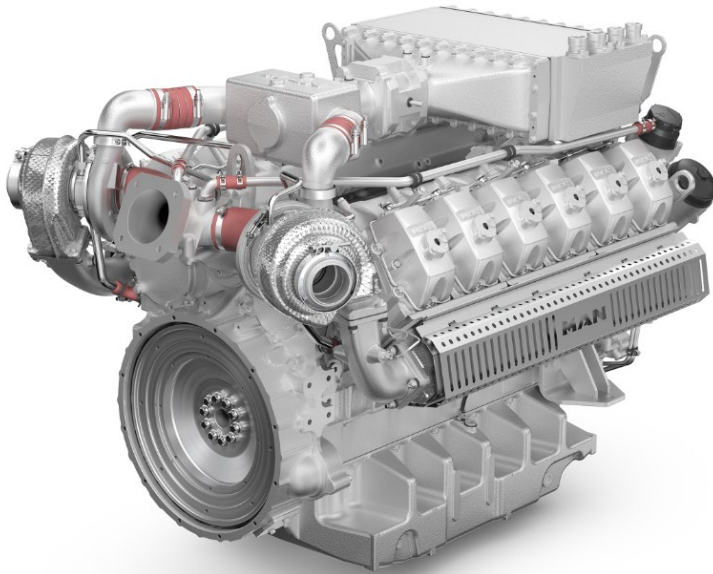
In addition, a higher pressure reserve via the throttle valve ensures a larger power reserve, which leads to more stable engine performance, especially at increased exhaust gas back pressure or at altitudes.

The modernized E3262 gas engine is based on the globally proven V12 platform, which has been successfully used for many years as the D2862 diesel engine with a displacement of 24.2 liters in both the marine sector and the E3262 gas engine with a displacement of 25.8 liters in stationary applications for power and heat generation. This broad market penetration and high reliability in the field make it one of the most established engines in its class. The engine is available as both turbocharged and naturally aspirated variants, which means that a tailor-made solution can always be implemented for different application profiles – be it electrically or heat-controlled. Thanks to variants for 50 Hz and 60 Hz markets, the E3262 can also be used worldwide and thus meets the requirements of international operators.

The MAN E3262 reliably meets the international emission limits of 250 mg NO_x/Nm³ within the engine, thus offering a flexible solution for a wide range of market requirements. For particularly emission-critical markets with a limit value of 100 mg NO_x/Nm³, the engine can be used in combination with an external exhaust gas aftertreatment system – such as an SCR system. In this way, MAN Engines gives operators maximum flexibility in the project planning and approval of their plants and ensures that even the strictest emission specifications can be met.

With the further development of the E3262, MAN Engines is underlining its technological leadership and its commitment to sustainable, future-proof energy solutions. The engine thus not only remains a reliable performer, but also becomes a pioneer for the next generation of efficient and low-emission gas engines.

The new engine types E3262 LE272 (natural gas) and LE282 (biogas) replace the previous LE202 and LE212 variants and can be ordered now with delivery from the second half of 2026 at the earliest. The former LE202 and LE212 variants will be available in parallel with the modernized LE272 and LE282 in the medium term.



MAN Engines unveils the next generation of its proven E32 gas engine series: redesigned turbochargers for enhanced durability, improved efficiency at global NO_x limits of 250 mg, and maximum flexibility for natural gas and biogas applications worldwide.