



Test drives in the Alps: MAN gives an outlook on eTruck portfolio at the IAA

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- **MAN eTruck with over one million possible configuration variants**
- **Already more than 2,000 order requests and orders**
- **High-performance battery service life of up to 1.6 million kilometres or up to 15 years, depending on use**
- **Daily ranges of up to 800 km**
- **Three, four, five or six: Up to 2.4 tonnes more payload thanks to customer-specific selection of the number of batteries**
- **High charging capacities with the MCS (750 kW) and CCS (375 kW) standards**
- **Entry aid to e-mobility: Industry-specific 360-degree eMobility advice and services**

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One in two MAN trucks registered in Europe should be electric by 2030. To this end, the commercial vehicle manufacturer has positioned itself with a strong and flexible eTruck portfolio, which will be on display in its entire range at the IAA Transportation 2024: It has recently enabled more than one million configurable variants in both long-distance and distribution haulage as well as municipal or special-purpose use. MAN presented the semitrailer tractor versions to around 200 journalists during test drives in Saalfelden, Austria, in advance of the IAA.

Meanwhile, MAN is seeing enormous demand for the new eTruck: Around 2,000 MAN eTGX and MAN eTGS vehicles have already been requested or ordered since the start of sales at the end of 2023. The first special series to be produced this year is therefore almost sold out, with the exception of a few remaining vehicles. A large part of the enquiries already relate to the vehicles that are to be produced in large-scale series from 2025 at the MAN plant in Munich.

With up to nine different wheelbases, six cab versions, various engine power classes, battery combinations, charging connection positions, steered and

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of about 14,8 billion euros (2023). 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 GROUP and employs approx. 33,000 people worldwide.



unsteered trailing axles, leaf-air and full-air suspension as well as driving programs specially tailored to the respective application and numerous other features, the MAN eTGX and eTGS can be configured to a highly individual level.

“The new MAN eTruck has all the prerequisites to sustainably electrify road freight transport,” says Friedrich Baumann, Executive Board Member for Sales and Customer Solutions at MAN Truck & Bus. “We can offer every customer the optimal combination of electric vehicle and individual requirements.”

Thanks to an expected predicted effective service life of up to 1.6 million kilometres or up to 15 years, depending on the type of application, the batteries are also extremely durable.

Individual number and position of batteries

With their three, four, five or six modularly combinable and variably positionable batteries, the 18- to 28-tonne chassis of the MAN eTGX and MAN eTGS offer even more flexibility with a choice of 333, 449 or 544 electric hp. Refuse collector vehicles as rear or side loaders, roll-off and set-down skip loaders, e.g. for construction dump bodies, platform vehicles, three-way tippers and crane tippers for the transport of construction materials, as well as snow-clearing vehicles or lifting work platforms, can be easily implemented with the new MAN eTruck alongside many other body solutions. Thanks to the very compact design of the battery modules, for example, the classic high-volume semitrailer tractor can also be used for production logistics - despite the low frame height and short wheelbases.

Just as important as the customer-specific eTruck deployment: The new MAN eTGX and eTGS achieve long ranges: Even for the shortest wheelbase of 3.75 metres, six batteries with up to 480 kWh are available for the semi-trailer tractors and five batteries with up to 400 kWh usable capacity. This enables a range of up to 500 kilometres for chassis in solo operation without intermediate charging or 800 kilometres per day for articulated and semi-trailer combinations.

MCS charging available from start of sales

In addition to the CCS standard with up to 375 kW, MAN has been offering the significantly more powerful megawatt charging standard (MCS) for fast intermediate charging during driving breaks directly since the start of sales



in 2023 October which will initially enable 750 kW, and in a later expansion stage even more than one megawatt charging capacity. Here, too, MAN has thought of as much flexibility as possible for customer use with different charging station positions at the depots. Two CCS connections can be variably combined and positioned on the left and right side behind the front wheel arch or on the rear right side of the frame.

Comprehensive eMobility advice and services

In line with the extended eTruck range, MAN customers can benefit from the 360-degree eMobility Consulting service, which was also presented recently: Advice on switching to electric mobility includes customer-specific analyses of vehicle use and charging infrastructure requirements. The charging stations themselves are also part of MAN's offering through cooperation with charging infrastructure providers. In addition, as for conventionally powered trucks, service contracts and financing solutions are available that are specially tailored to electromobility and the needs of the environmental technology industry, as well as numerous digital services for the use of the new electric lions. Among other things, this includes the MAN eReadyCheck, with which customers can check how their delivery routes can be driven purely electrically.