



MAN TGE to make first appearance at Bauma trade fair

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At the trade fair, MAN will be showcasing two TGE designs tailored to specific industry needs in the form of a three-way tipper and an escort vehicle for heavy haulage transport

- **First time at Bauma: MAN TGEs ranging from 3 to 5.5 tonnes**
- **Trade fair première for 5.5-tonner: an MAN TGE 6.180 with tipper body**

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MAN will be exhibiting vehicles from the TGE series for the first time at Bauma. Step by step since April 2017, MAN has been introducing the TGE – its lightweight van sporting the lion emblem on its radiator grille – into a variety of European markets. The 5.5-tonne model (type designation: TGE 6.180 4x2) will be making its début with a three-way tipper body at the MAN trade fair booth in Hall B4, number 325. On show directly in front of the hall will be an MAN TGE 3.180 4x2, equipped as a heavy haulage escort vehicle (BF4).

Comprehensive product range for the construction industry

Construction firms, skilled trades businesses, horticultural and landscaping companies can all look to the sweeping TGE product range for the right vehicle to suit their wide array of needs. MAN offers a comprehensive range of body shapes with chassis and panel vans, which are also available with windows all the way around. Customers can choose between two wheelbases, three overhang variants and three roof heights. Depending on the version chosen, the 3.5-tonne models can support a maximum payload in excess of 1.5 tonnes, while the panel vans allow for a maximum cargo compartment volume of 18.4 cubic metres.

Chassis and crew cabs are available for the chassis. The crew cab can seat up to seven people, offering employees a comfortable and safe way to navigate the construction site.

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.



The MAN TGE series starts at a permissible gross vehicle weight of 3 metric tonnes. The series tops out at 5.5 tonnes, including a rear axle fitted with twin tyres, although an additional 3.5 tonnes can be transported using a trailer coupling. The wide selection of variants enables customers to choose their preferred drive system. Depending on the permissible total weight, front, rear or all-wheel drive options are possible, with either a six-speed manual gearbox or an eight-speed automatic gearbox. The MAN TGE features a completely new-generation diesel engine promising high levels of durability and reliability. The 1,968 cm³ engines come in 75 kW/102 hp, 90 kW/122 hp, 103 kW/140 hp and 130 kW/177 hp variants. The V4 engine was specially developed to withstand the “rough” requirements placed on commercial vehicles over their lifetime, first and foremost for economical operation and robustness.

The MAN TGE 4x4 stands for safe progress even on unpaved surfaces. In dry weather, the van travels efficiently over the asphalt with pure front-wheel drive. The MAN TGE is torsion-free and, above all, fuel-efficient on the road. The special feature of the all-wheel drive concept: in the event of a loss of traction, the control unit reacts automatically and switches on the rear-wheel drive in 0.084 seconds. From a technical standpoint, this fast response makes the modern clutch possible, which automatically distributes the drive torque between the front and rear axles – from 0 to 100%.

MAN offers a wide range of bodies and upgrades from the factory floor for MAN TGE models to be used in the construction industry. This makes it possible to order Scattolini, Henschel and Schoon three-way tippers for the 3.5 and 5.5-tonne models. In addition, there are flexible racking systems from Bott and Sortimo available as factory-fitted features for maintenance and mobile workshop vehicles.

If building work is halted in the winter due to adverse weather, the MAN TGE can be used for winter service operations – for instance, by fitting a mounting bracket for a snow plough. Meanwhile, there is room for a gritter in the loading area.

MAN putting on two TGE exhibits at Bauma trade fair

Production of the largest tipper in the TGE series started in autumn 2018. The distinguishing features of the MAN TGE 6.180 to be exhibited at the trade fair include a top-of-the-range engine, 6-speed manual gearbox, twin tyres on the leaf-sprung rear axle, a three-seat single cab and a Meiller three-way tipper.



And there will be an MAN TGE 3.180 with striking sulphur-yellow paintwork on display at MAN's outside booth next to Hall B4. The model's overall appearance and its roof equipped with a variable-message sign system indicate its potential use as an escort vehicle for large-capacity and heavy-haulage transport vehicles (type BF4). In the three-seat panel van, interior fixtures and fittings have been added to store the barrier equipment and measuring instruments that need to be transported. The vehicle underwent modification at Kustech's plant in Techau, near the North German city of Lübeck.

Maximum safety thanks to assistance systems

The Emergency Brake Assist (EBA) fitted as standard in the TGE is a major contribution to road safety on the part of MAN. Distance sensors monitor critical distances from the vehicle ahead and help to reduce the vehicle's stopping distance. In addition, the integrated City Emergency Brake automatically brakes the vehicle at low speeds. This reduces the risk of rear-end collisions, one of the most frequent causes of accidents, minimising off-road times and repair costs, as well as boosting the vehicle's residual value. The optional Reversing Assist helps when manoeuvring out of parking spaces. A trailer manoeuvring assist feature can also be activated as required. The electromechanical power steering compensates for counter-steer forces such as those created by side winds. The Adaptive Cruise Control (ACC) ensures high levels of comfort on lengthy motorway stretches. The drowsiness detection function and the multi-collision brake enhance safety for everyone. This multi-collision brake prevents secondary collisions with other obstacles or road users in the event of an accident.