



MAN exhibits at the IFAT 2024 trade fair

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- **MAN presents a wide-ranging application portfolio for the municipal and waste disposal industry at IFAT**
- **MAN TGE, TGL, TGM, TGS and TGX offer a full-range tonnage range from 3 to 41 tonnes**
- **New long-range eTruck range is in no way inferior to diesel vehicles in terms of body friendliness and modularity**

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Whether with the winter service vehicle, the waste collector, the building yard lorry, the road sweeper or the roll-off tipper - the employees of public and private municipal companies and waste disposal companies carry out important tasks for the general public. The right vehicle with the right body for the job to be done - that is the requirement of companies and businesses in the municipal and utilities sector.

As a full-range supplier, MAN offers a wide range of products for this purpose, from vans from three tonnes, the MAN TGE, to four-axle trucks with 41 tonnes from the MAN TGS and TGX series. New since 2023 is the MAN eTGX and eTGS range of long-range electric trucks with a gross vehicle weight of 18 to 28 tonnes and a gross vehicle weight of 42 tonnes. Thanks to their modular battery concept, wide range of variants and superstructure options, they are in no way inferior to their diesel counterparts. A comprehensive range of consulting and services, especially for electric trucks, rounds off MAN's offering.

At IFAT 2024, MAN will be exhibiting a representative selection of three vehicles from its portfolio at its stand:

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and providers of transport solutions with an annual turnover of around 14.8 billion euros (2023). The product portfolio includes vans, trucks, buses, diesel and gas engines as well as passenger and freight transport services. MAN Truck & Bus is a TRATON GROUP company and employs around 33,000 people worldwide



MAN TGE waste collector

Vehicle type	MAN TGE 6.180 4x2
Wheelbase	3.640 mm
Chassis	2-axle
Suspension	Suspension, damping and stabilisation reinforced front and rear
Tyres	205/70R17C 115/113, M+S tyres
Drive	4x2, rear-wheel drive Twin tyres
Engine	2.0-litre turbo diesel, 4-cylinder common-rail, diesel Euro VI-e emissions
Displacement	1.968 ccm
Engine output	163 hp (120 kW) @ 3,600 rpm
Torque	410 Nm @ 1.500 – 2.000 U/min
Transmission	8-speed automatic transmission
Driver's cab	Single cab
Seats	2
Permissible total	weight 5,500 kg
Safety equipment	Acoustic reverse gear warning system, fatigue detection, high beam assistant
Assistance systems	Hill start assist, emergency brake assist, ESP and ABS with electric differential lock, cruise control with speed limiter, active lane departure warning system
Bodywork for waste	Bodywork for waste collection vehicle Zoeller Micro HG 4.5, chutes for MGB 80-240 litres in accordance with EN 840-1

MAN TGM winter service vehicle

Vehicle type	MAN TGM 13.290 4x4 BL
Wheelbase	3,250 mm
Chassis	2-axle, high design
Axles Front	Axle AP 6.3 t, rear axle AP 9.5 t, axle ratio i=4.59
Suspension	Front axle leaf suspension, rear axle air suspension



Tyres	Front axle 385/55R22.5, rear axle twin tyres 275/70R22.5
Propulsion	4x4
Engine	MAN D0836 6-cylinder in-line diesel engine Euro VI-e emissions classification
Displacement	6.871 ccm
Engine output	290 up (213 kW) @ 2.200 rpm
Torque	1150 Nm @ 1.200 – 1.700 rpm
Gearbox	MAN PowerMatic 08.13 OD automatic torque converter gearbox with MAN TipMatic Efficiency, Offroad and Manoeuvre drive programmes
Cab	CC cab with 3-part steel bumper and access ladder, MAN OptiView mirror replacement system, MAN Easy Control operating unit in the driver's door
Seats	2 with air suspension
Permissible gross weight	15.000 kg
Safety equipment	MAN OptiView mirror replacement system, Reversing Motion reversing camera system, distance warning system, tyre pressure monitoring system
Assistance systems	Cruise control (FGR) with limiter, EBA Plus emergency brake assistant, Front Detection pedestrian and cyclist detection, cornering aid, MAN Attention Guard attention warning system, traffic sign recognition
Winter service equipment	LED winter service lighting under windscreen, amber LED rotating beacons on cab roof Küpper-Weisser 2-circuit winter service hydraulics Kugelmann front attachment plate size F1 & shape B (size 3)
Superstructure	Meiller Trigenius D210 three-way tipper Dimensions 4.00 x 2.38 m x 0.60 m side walls / 0.80 m front wall Load securing with floor and side wall lashing eyes, hydraulic connection for tipping trailer



MAN eTGS hooklift

Vehicle type	MAN eTGS 28.449 6x2-4 BL
Wheelbase	4.450 mm
Chassis	3-axle, normal height design
Suspension	Front axle leaf suspension, rear axle air suspension
Tyres	Front axle 385/55R22.5, rear axle twin tyres 315/70R22.5, steered trailing axle, single tyres 385/55R22.5
Driveline	6x2
Engine	Electric motor MAN eCD330, Zero Emission
Engine output	449 hp (330 kW)
Torque	1.150 Nm
Gearbox	MAN TipMatic 4 gearbox with MAN TipMatic Efficiency and Manoeuvre drive programmes
Cab	NN cab, MAN OptiView mirror replacement system, MAN EasyControl control unit in the driver's door
Seats	2 with air suspension
Gross vehicle weight	28.000 kg
Safety equipment	MAN OptiView mirror replacement system, Reversing Motion reversing camera system, distance warning system, tyre pressure monitoring system
Assistance systems	Cruise control (FGR), EBA Plus emergency brake assistant, Front Detection pedestrian and cyclist detection, LCS lane change assist and turn assist, LDW lane departure warning system, MAN Attention Guard attention warning system, traffic sign recognition
Superstructure	Meiller Tectrum RS21.65 hooklift body, max. container length 6,500 mm, hydraulic underride guard, I.S.A.R. 3 radio remote control, stainless steel toolbox, net box, implement holder, multifunctional plates at the rear, LED work lights