

ELECTROMOBILITY THAT DELIVERS: THE NEW MAN eTGM.

All-electric, extremely quiet, super-efficient.



THE NEW STANDARD IN DISTRIBUTION TRANSPORT: THE MAN eTGM.

Emission-free, efficient and quiet.

City traffic and urban logistics are changing: The population is growing, the question of pollutant and noise emissions is coming more and more to the fore, zero-emission zones are being considered. At the same time, however, the demands and requirements in goods and distribution transport are on the increase. With the new MAN eTGM, produced in small series, we are the first commercial vehicle manufacturer to provide the perfect solution to meet these challenges head on.

The all-electric MAN eTGM meets all the essential requirements posed by inner-city deliveries of the future. The MAN eTGM is emission-free at a local level and as quiet as a whisper, while still maintaining an outstanding payload and flexible design.

No surprises here as our MAN eTGM combines over 100 years of experience with

commercial vehicles, not to mention our extensive expertise in alternative drives. We were awarded the coveted "2020 European Transportation Prize for Sustainability" for this vehicle, which is awarded every two years by "Transport" magazine.

When you acquire a MAN eTGM, we provide you with a team of experts to make your introduction to electric mobility as easy and as successful as possible. They offer customised, comprehensive and solution-oriented advice. All relevant areas are covered – from fleet analysis, charging infrastructure, energy management to design options. Additionally, MAN eTGM drivers are provided with training specially designed to meet the demands of driving an all-electric vehicle.





SUPERIOR MAN TECHNOLOGY.

Innovative and sustainable.

The MAN eTGM is driven by a 264 kW electric motor, which in turn supplies a torque of max. 3,100 Nm.

Auxiliary units such as power steering, air compressors and the air-conditioning system are operated electrically, are controlled as required by the energy management system and are thus energy-saving. Powerful lithium-ion batteries supply the energy for the MAN eTGM, providing a range of up to 190 km for efficient operation in local traffic.* The battery packs are charged externally via the electric supply network and in acceleration phases during driving.

Using recuperation, the vehicle's motive energy is converted into electrical energy when accelerating and braking and is then fed back into the battery, increasing the range. A display in the instrumentation gives the driver a clear overview of the batteries' current energy level.

To further emphasise the vehicle's reliability, MAN offers an additional 6 year warranty for the battery packs, in addition to the standard vehicle warranty.



Technology

All-electric, emission-free infinitely variable drive system with a central electric motor.



Torque

Maximum output of 264 kW / 360 hp with a torque of 3,100 Nm.



Battery

12 highly efficient lithium-ion NMC battery packs with an available capacity of 185 kWh, in a space-saving layout. The "chiller" ensures the battery packs are cooled as required as they release output.



Range

A range of up to 190 km – ideal for inner-city distribution transport and sufficient even for large conurbations.



Charging times

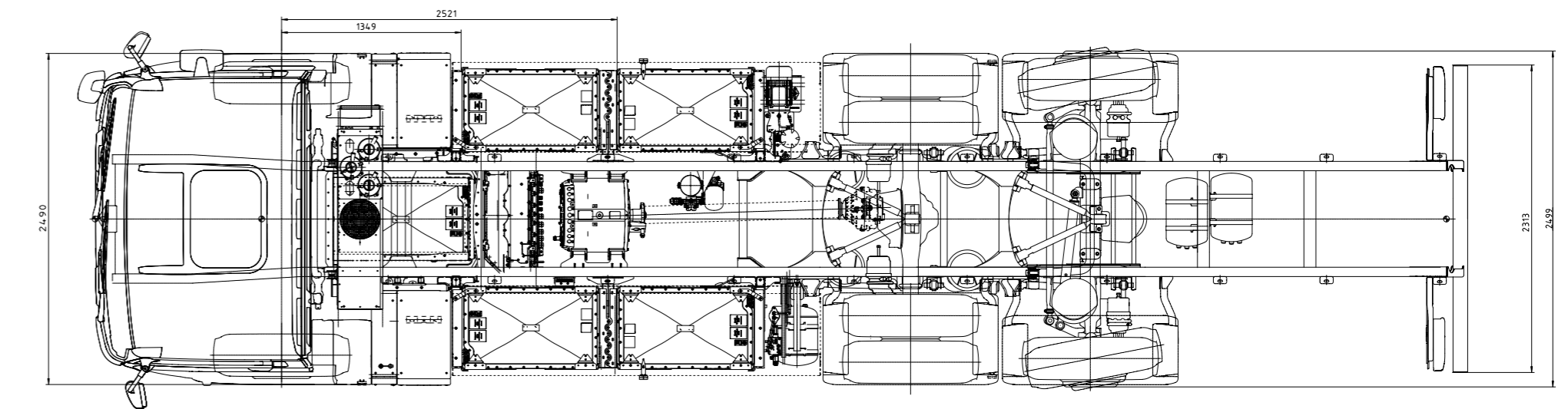
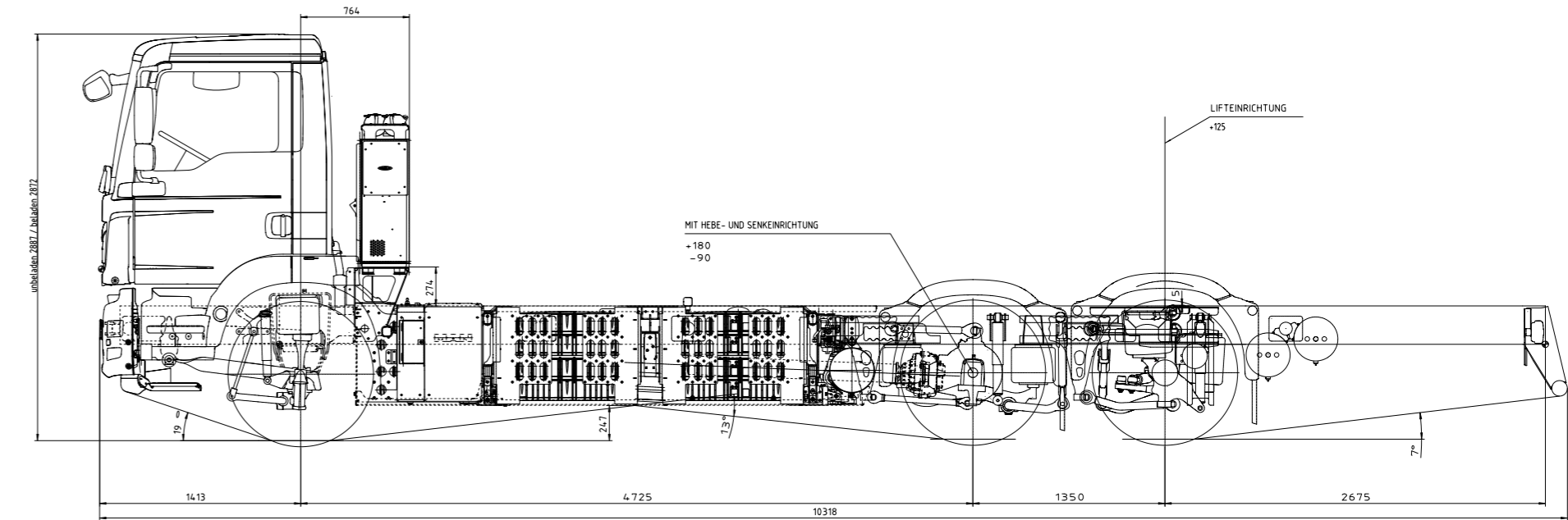
The slow charge with a 22 kW alternating current (AC) charge socket protects the batteries and takes approx. 8 hours. On the other hand, charging with up to 150 kW direct current (DC) takes only about an hour, making it ideal for charging during short breaks.

* depends on use (weight, speed, temperature, driving style, ...).

A REAL MAN TO THE CORE.

Standard equipment MAN TGM 26.360 E 6x2-4 air-air (chassis)

Engine/gearbox	Permanent synchronous motor (PSM) with 264 kW / 360 hp and 3,100 Nm torque Fixed ratio without a manually operated gearbox
Cab	C-cab, side flaps and sun blind
Wheelbase/overhang	4,725 mm + 1,350 mm/2,675 mm
Permissible gross weight	26,000 kg – only permissible as a solo vehicle
Range	Up to 190 km
Tyres and rims	Tyres: FA 315/70R22.5, RA 315/70R22.5 Wheel rims: ALCOA Dura Bright alloy wheel rims
Brake system	ABS, ASR, ESP, MAN BrakeMatic (electronic brake system)
Safety and assistance systems	Emergency Brake Assist (EBA 2), Emergency Brake Signal (ESS), Lane Guard System IV (LGS IV), MAN CameraView – rear area camera preparation (2 cameras), digital axle load indicator (ALM)
Radio/infotainment systems	Radio MAN Media Truck Advanced 12 V with 7-inch colour display and navigation preparation, MAN sound system, digital radio receiver DAB+, connectivity board module (RIO Box), Bluetooth hands-free function, Comfort for 2 mobile telephones (compatible with a multifunction steering wheel), MAN SmartLink, navigation throughout all of Europe, voice control for infotainment system, AUX-in/USB in instrument panel
Interior	Air-sprung comfort driver's seat with lumbar support, shoulder adjustment and heating, air-sprung comfort co-driver's seat, armrests for driver's and co-driver's seats, multifunction steering wheel, adjustable in height and tilt, two additional vehicle keys, central locking, climate control system, reading lights for driver and co-driver, sun blinds on both doors, intelligent storage system
Electrics	Electric preliminary set-up for lifting platform, electric main battery switch, conventional 24V low voltage system, two 12 V 155 Ah batteries, ETA circuit breakers
Lighting	Full beam and fog lights, additionally equipped with cornering light, 2 spotlights on the cab roof, daytime driving lights, automatic low-beam headlights with light sensor, position lamps in LED



MAN M-PULSE CIRCLE.

A strong partnership for innovators.

As a MAN eTGM driver and innovator in electromobility, you will benefit not only from numerous economic and ecological advantages, but will also enjoy an exclusive partnership as part of the MAN M-PULSE Circle. Whether partner marketing, 360° advice by MAN Transport Solutions, driver training sessions from MAN ProfiDrive or exclusive events: You will enjoy a number of special privileges with MAN M-PULSE Circle.

Your benefits at a glance:

M-PULSE Marketing Circle



- Cooperative publicity with advertising in a trade magazine of your choice as well as in the MAN in-house magazine*
- Placement of your customer story on the MAN communication channels
- Social media posts on the MAN communication channels
- Exclusive marketing workshops with the MAN marketing experts to plan your local marketing measures
- Right of first refusal for the MAN eTGM limited series

M-PULSE Know-how Circle



- Exclusive M-PULSE Welcome Box
- Access to M-PULSE Circle news
- Consultation services of MAN Transport Solutions
- E driver training from MAN ProfiDrive
- Advance showings and sneak previews of MAN's technological innovations
- Factory tour in Steyr

M-PULSE Event Circle



- Two trade fairs or events per year, including VIP packages
- Executive dinner with MAN's top management, selected guests and experts from the logistics and e-mobility sectors



* one advertisement per customer

MAN TRANSPORT SOLUTIONS

Fleet operators are faced with various challenges in the pursuit of electromobility that go beyond the actual vehicle. Apart from our normal support in terms of service and maintenance of your fleet, our specialists provide you with customised solutions for any questions concerning operation and route planning of electric vehicles as well as the necessary charging infrastructure and energy supply.



Operational analysis and mobility concept

We will work with you to analyse the current situation of your company and your fleet operation. We will develop a customised mobility concept for your cost-efficient introduction to electromobility while taking all key factors into consideration.



Charging infrastructure and energy supply

Together, we will plan the installation of your charging infrastructure, simulate vehicle applications and charging processes and develop the optimum strategy to ensure energy provision for your company. In this way, we will make your switch to e-mobility as simple and as successful as possible.



Introduction to e-mobility and fleet integration

We will advise you extensively on the use and maintenance of your electric vehicles, support you in training your employees, and assist your service workshops as a competent partner.

ALWAYS POWERED UP FOR YOU.

MAN Services

Whether for maintenance or repairs - we will ensure that you stay on the road with freely combinable services, specially trained mechanics and MAN genuine parts and accessories. In addition, you will benefit from the flexible opening times of MAN workshops as well as a mobility warranty in case of a breakdown.

MAN Mobile24

There is never a good time to break down. But if it does happen, you only have to ring our Mobile24 number which is valid throughout Europe and we are ready to help - 24 hours a day, 365 days a year. If required, a MAN service vehicle will come to your aid from a nearby workshop.

MAN repair and maintenance contracts

Complete cost control and improved efficiency. You will continue to benefit from customised service contracts with the MAN eTGM. This reduces the risk of unexpected repair costs and expenses for maintenance and repair management. You can obtain detailed information on the individual service contracts directly from your MAN sales team.

11 FACTORS IN FAVOUR OF THE MAN eTGM.

- ✓ Zero emissions: 100 % electric
- ✓ Reduction in noise pollution
- ✓ Economic benefits in case of future driving restrictions due to pollutant and noise limits
- ✓ Development of new markets thanks to new delivery models (for example, night-time delivery)
- ✓ Green footprint: Your personal contribution to an environmentally friendly future
- ✓ Enhanced image as a sustainable company
- ✓ Quick charge within approximately one hour is possible
- ✓ Reliable range of up to 190 km for local trips
- ✓ Different design options provide flexible application
- ✓ Government subsidies for the MAN eTGM
- ✓ MAN support from the purchase decision to the end of the vehicle's lifespan



LEAD THE WAY IN DISTRIBUTION TRANSPORT OF THE FUTURE.



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