



Electric, digital, autonomous: MAN shows future-proof solutions at the UITP Summit 2023

Munich, 25/05/2023

From A for automation to Z for zero-emission: MAN Truck & Bus is presenting smart solutions for the urban transport of today and tomorrow at this year's UITP Global Public Transport Summit. At its stand in Barcelona, MAN will be showing the all-electric Lion's City 10 E. Visitors will also receive a wealth of information about the successful electric bus family, smart digital services, the consulting services offered by MAN Transport Solutions and the automation of city buses.

MAN Truck & Bus
Dachauer Straße 667
D-80995 Munich

Should any questions arise, please contact:
Sebastian Lindner
Phone: +49 89 1580-2001
Presse-man@man.eu
<https://press.mantruckandbus.com/>

- **Compact master of agility: MAN shows battery-electric Lion's City 10 E at trade fair stand in Barcelona**
- **Comprehensive consultation: MAN Transport Solutions offers support for fleet conversion to zero-emission vehicles**
- **Digital tools such as MAN eManager make operation of electric vehicles as simple as possible**
- **"MAN's journey towards automated city busses": Presentation by Dr Michael Roth, Head of Product Strategy Bus, at the UITP 2023 conference programme**

Sustainable solutions in public transport are more in demand than ever. The Paris Climate Agreement demands that global warming be limited to well below two degrees. In addition, Europe is to become the first climate-neutral continent by 2050. "The climate crisis is considered one of the biggest and most important challenges facing the global community and poses major challenges for politicians, transport operators and also for us," says Barbaros Oktay, Head of Bus at MAN Truck & Bus, and adds: "We at MAN are convinced that the future belongs to emission-free vehicles. That's why we are consistently moving towards sustainable public transport and are fully committed to electric drive - and our MAN Lion's City E."

MAN Truck & Bus is one of Europe's leading commercial vehicle manufacturers and transport solution providers, with an annual revenue of about 11 billion euros (2022). 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 approximately 35,000 people worldwide.



In keeping with this, MAN Truck & Bus will be showing the Lion's City 10 E, the latest model in the MAN electric bus family, at this year's UITP Global Public Transport Summit, which is taking place in Barcelona from 4 to 7 June. The midibus version with a length of 10.5 metres, which has been in production at MAN's Polish city bus plant in Starachowice since the beginning of 2023, can be seen in Hall 6, Stand 6A100. Among other things, the compact size of the all-electric city bus will attract attention. This is because it can play to its strengths especially in the increasing use of customer-oriented "on-demand" services and as an amplifier at high-frequency times as well as a manoeuvrable city centre shuttle. After all, the city bus has a similar passenger capacity to many 12-metre solo buses, but requires significantly less traffic space in narrow city centres and depots and is also much more manoeuvrable.

MAN Lion's City E is "Bus of the Year 2023"

The Lion's City 10 E is based on the construction kit of its big brother, the Lion's City 12 E, which 23 European trade journalists voted international "Bus of the Year 2023" last year in Limerick, Ireland. They were particularly enthusiastic about the overall concept of the city bus, which scores points for its range, reliability, comfort and, above all, sustainability. It is precisely this overall concept that makes the MAN eBus, which is also available in an 18-metre version, so popular with operators, drivers and passengers. In the meantime, it is successfully in use all over Europe.

Incidentally, the width, height and overhangs of the Lion's City 10 E have remained unchanged compared to the Lion's City 12 E, as has the concept of the engine tower-free rear, which provides four more seats (maximum 33 seats and 80 passengers in total) than the few competitors in the segment. The body was "shortened" exclusively between the axles, where a window module was removed. The result: the overall length was reduced to 10.5 metres and around 350 kilograms of weight were saved. Despite this significant shortening, there is still room for a wheelchair or pram in the standing platform. A third door is also possible, with which there are still 29 seats available and the passenger flow is once again significantly improved.

360° consultation and digital services for the switch to eMobility

In addition to future-proof vehicles, MAN Truck & Bus also relies on a highly qualified team of more than 75 eMobility experts throughout Europe and employee training courses with a focus on new technologies as well as all-



round consultation for customers switching to eMobility. Since 2018, the MAN Transport Solutions team has been offering customers in many industries support in converting their fleets to zero-emission vehicles. This involves looking at the entire process of the changeover with a 360° analysis. The aim is to ensure the changeover to electromobility is successful and with as little effort as possible for the operators. In total, the team has already successfully completed more than 250 projects in 19 European countries in the truck, bus and van sectors, building up an enormous amount of know-how in the process.

But even after the switch to e-vehicles, the experts at MAN are still there to support customers with expertise and digital tools. With the MAN eManager as a smart digital central command system, fleet managers have battery, room temperature and other vehicle parameters conveniently under control from their desks. In line with the motto "Simplifying Business", charging management for the electric fleet becomes more transparent, simpler and more efficient thanks to targeted monitoring and flexible remote operation. MAN eManager also guarantees high vehicle availability and ensures that the charging status of the batteries always matches the timetable.

MAN pushes automation of buses

Another topic that plays an essential role in the transformation of the transport sector at the UITP Summit is automation. "The fact that urban bus mobility in the future will not only be emission-free and connected, but also automated, is not a general question, but merely a question of time," says Barbaros Oktay. MAN Truck & Bus is therefore pushing ahead with the automation of its buses. Together with Mobileye, the specialist for autonomous driving technology, MAN is consistently pursuing its roadmap, at the end of which is highly automated driving in city buses that is ready for series production. The first joint goal of MAN and Mobileye: the pilot operation of the first automated city bus with a safety driver is planned from 2025 as part of the MINGA research project in Munich. Dr Michael Roth, Head of Product Strategy Bus at MAN, will also talk about automation. As part of the conference programme at the UITP Summit, he will speak on the topic of "MAN's journey towards automated city buses". The lecture will take place on 5 June from 10 to 11.15 a.m. in Spotlight Forum B in Hall 6.



About the UITP Global Public Transport Summit

The UITP Global Public Transport Summit is the world's largest event dedicated to sustainable urban mobility, bringing together all transport modes, authorities and operators, as well as exhibitors. This year's event is themed "Bright Light of the City". The congress, lectures and exhibition will focus on the latest innovations, solutions and products. "It is a real concern of ours to advance the topic of sustainable mobility. That's why we are making our employees fit for the new technology, consulting our customers on how to make the switch and, with the MAN Lion's City E, we already have a very successful eBus series in our portfolio," says Robert Katzer, Head of Product & Sales Bus at MAN Truck & Bus, adding: "We are delighted that the UITP Summit offers us the perfect platform to showcase our innovative and future-proof solutions."