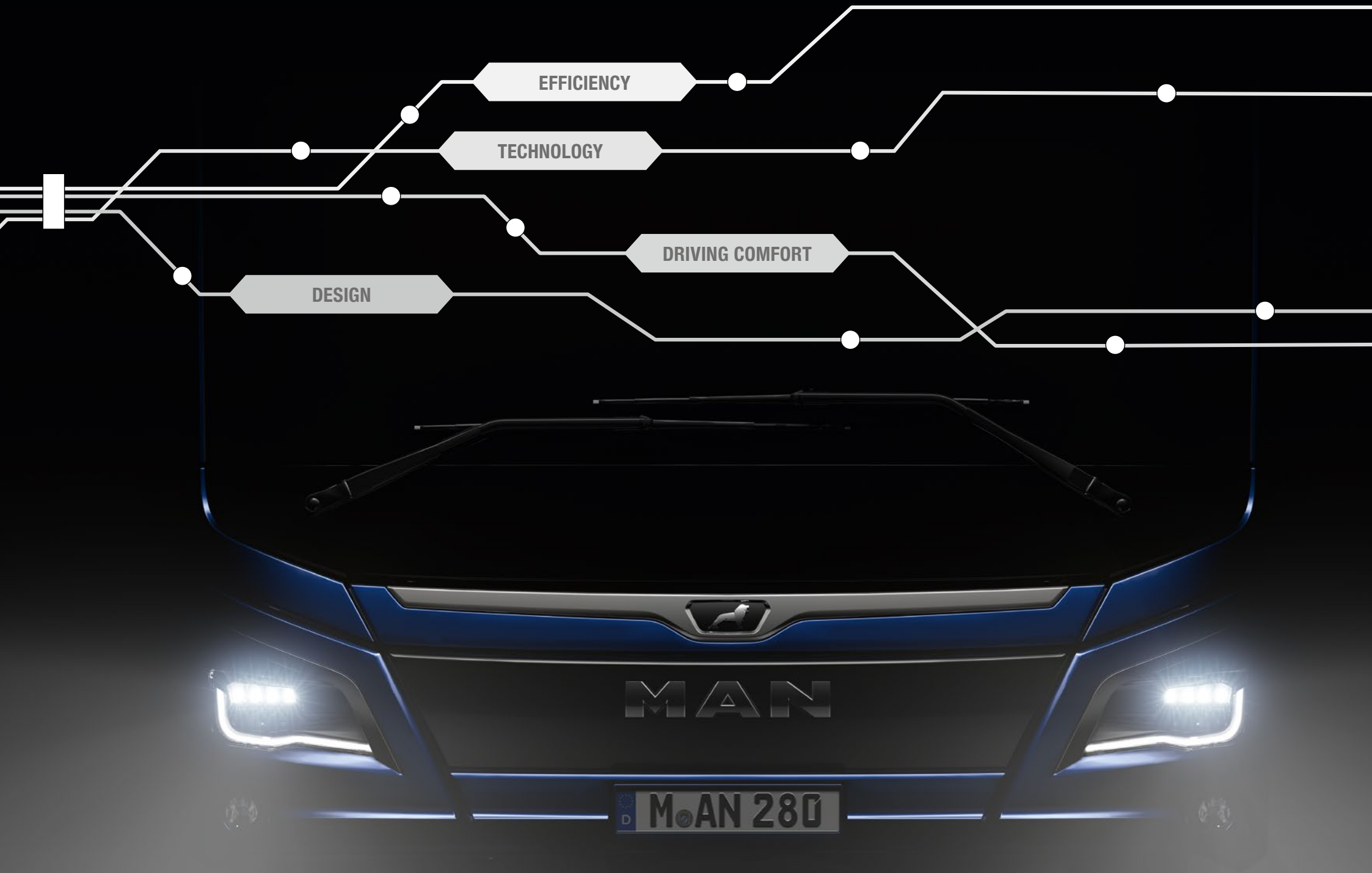


# CITY BUS TO PERFECTION.

The new MAN Lion's City.





# WITH AN ATTRACTIVE APPEARANCE AND MAXIMUM COST EFFICIENCY.

Perfection does not happen overnight – it requires time. Time is exactly what we took during the development of the new MAN Lion's City, and with it we've created something truly impressive.

Numerous technical innovations inside and out, as well as the new, multi-award-winning design, make the new generation of MAN Lion's City the perfect companion for the everyday urban jungle. Our experience ensured that the new MAN Lion's City unmistakably carries on the good hallmarks of previous MAN buses, while combining a clear focus on efficiency, comfort and ergonomics with the modern MAN bus/coach philosophy. This perfect interaction between innovative technology, modern design, driving comfort, and impressive cost efficiency brings the future of public transport to the streets today.

## **The highlights for perfect cost efficiency:**

- Weight reduction by 1,130 kg increases passenger capacity
- New 9-litre D15 engine increases efficiency
- Full LED headlights for longer service life
- New interior and exterior design
- Significantly reworked driver's workplace for more comfort
- Easier to clean and maintain



# A CLASSY AND MODERN DESIGN.

The new MAN Lion's City impresses with its new design, yet remains unmistakably a "Lion" bus. High-quality materials ensure a compelling, irresistible look. The high-quality front with black panel, chrome trim and the distinctive lion symbol make for a classy and modern appearance. A visually downward-sloping glass side line, the dynamic roof fins, and a sleek finish at the rear perfectly round off the first-class appearance of the new MAN Lion's City.





### **Perfect for every demand.**

The new MAN Lion's City is available in a variety of different lengths, all of which leave nothing to be desired. The 12 m version does not need a centre axle, and has an empty weight of 10,882 kg. As a solobus it is practical in size, and as a result of its modern interior and exterior features, is the perfect companion for passenger and driver.



## DESIGN

### Both longer and more comfortable.

The 18 m articulated bus with centre axle has an empty weight of 15,566 kg, and is equipped with MAN's innovative pivoting joint. The lightweight aluminium construction allows for a kink angle of up to 53.5°, and new electrics and hydraulics ensure improved driving stability and increased driving comfort.



# ERGONOMICALLY DESIGNED COCKPIT.

**Not only does the redesigned driver's workplace fit perfectly with the design of the new MAN Lion's City visually, it was also upgraded in terms of ergonomics and comfort.**

Having worked hand in hand together with our customers, we gained important insights for the development process. As a result, the controls are now separated into three areas and arranged by frequency of use. The new driver's seat was positioned 110 mm higher on the platform, and the wider seat and increased depth offer a comfortable amount of leg room. And naturally, a perfectly designed cockpit must also include a sophisticated storage concept for the driver's equipment.



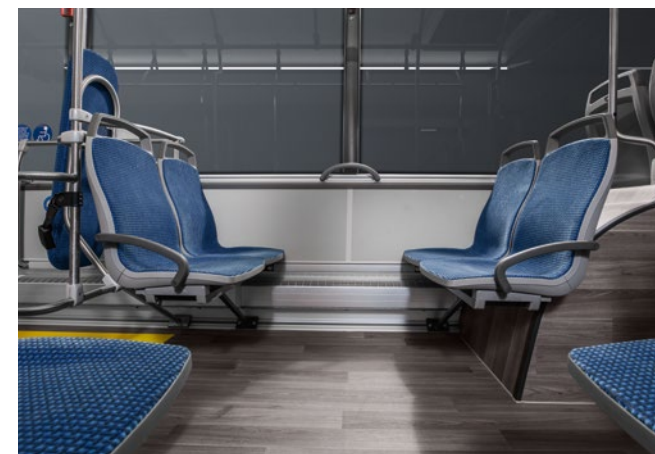
Higher driver platform for increased comfort and safety



Controls with optimised layout







Innovative fastening concept



Ergonomically designed passenger area



Indirect LED lighting in the passenger area

## DRIVING COMFORT

# ATTRACTIVE, FEEL-GOOD ATMOSPHERE.

The inside of the new MAN Lion's City is of course eye-catching as well. The modern interior design invites passengers into a spacious and friendly atmosphere, and impresses with intelligent ergonomics and comfort.

The new LED ambient lighting illuminates the roof completely. The light comes from above just as in nature, and creates a pleasant lighting effect. Likewise, the colour and trim concept using light and dark colours creates a friendly impression. In addition, a new rail design for the seats and handrails not only ensures a safer and more comfortable journey, but also makes the new MAN Lion's City easier to clean and maintain.



# FULLY PACKED WITH INNOVATIVE TECHNOLOGY.

The new MAN Lion's City is perfectly equipped for future public transport demands even today, thanks to numerous technical innovations.



## **Independent wheel suspension provides extreme manoeuvrability.**

As the first MAN city bus, the new MAN Lion's City achieves optimal manoeuvrability by having an independent wheel suspension that allows virtually independent wheel movements on each vehicle side.



## **Full LED headlights.**

The full LED headlights at the front and rear shine with modern design, and the maximum light quality ensures increased brightness and safety while also lowering operating costs.



## **Lighter weight, thanks to special construction.**

The sophisticated body shell structure makes the new MAN Lion's City almost 500 kg lighter. This is made possible by the sandwich construction of the aluminium roof modules and a skeleton made from steel and aluminium.



## **Improved flap design.**

The optimised flap concept of the new Lion's City improves the accessibility of components, thereby making it easier to perform maintenance and diagnosis work.

# A POWERFUL ENGINE FOR ALL MODELS.

The engine design in the new MAN Lion's City streamlines the wide variety and unmistakably carries the signatures of reliable models.

With the new D15 engine, the MAN Lion's City roars to life on the streets in full power. It impresses with a simple yet sophisticated concept: an engine variant for all city buses as well as an exhaust gas aftertreatment system. The 9-litre engine, now a standard component, has a performance range of 280 to 360 hp; the ideal engine capacity for any demand. In particular, the perfect balance between weight and construction size, as well as performance and consumption, make the MAN D15 ideal for all requirements of public transport.

## **MAN EfficientHybrid (automatic start-stop system).**

The new MAN Lion's City is optionally available with MAN EfficientHybrid, an intelligent energy management system. The main component is a robust and wear-free electric motor which is installed in the driveline between the engine and the gear-box. During coasting or braking operation, the crankcase starter alternator functions as a generator (dynamo) and conversely as a starter motor as well. This means you save more fuel and drive in greater comfort.





# MAN AFTER SALES.

## **Maximum efficiency: everything from a single source.**

Our comprehensive MAN service will help you get the most out of your MAN fleet. Anyone who decides on a bus/coach from MAN is choosing maximum quality, performance, safety and longevity. With our comprehensive After Sales services you will be sure to have long-term enjoyment with your MAN vehicle.

## **Regular maintenance – makes your MAN drive like on its first day.**

In order to fulfil high expectations for quality, performance, safety and longevity, we offer regular maintenance for your MAN vehicle. Our comprehensive international service network is constantly updated – because for the high-performance technology and electronics of MAN utility vehicles, modern diagnostic systems are just as important as special tools. Additionally, we only install MAN Genuine Parts that have been finished according to strict MAN guidelines and quality specifications, and carefully checked over. This is the only way we can provide you with the high reliability and efficiency you are used to getting from MAN. More information about our first-class maintenance service can be found in the MAN After Sales Portal, at [www.asp.man.eu](http://www.asp.man.eu)





# MAN SERVICES. YOUR COACH IN THE BEST HANDS.

Maximum quality over the maximum vehicle service life and excellent availability – that's our promise to you. With a wide-ranging portfolio of services, we offer 360° support that is both efficient and reliable. You can rest assured at all times: your MAN coach is in the best hands with us.

MAN services offer everything your coach needs, meaning that your MAN coaches are always operated in the best possible conditions and that you can profit from your vehicles for even longer. With MAN ServiceContracts or MAN Mobile24: your mobility is our concern. That is true of our additional services too. MAN services, for instance, have tailored solutions on hand to optimise operating your vehicles, increase profitability and increase efficiency. Whatever service you choose, you're always on the right road with MAN.

## MAN ProfiDrive®

The MAN ProfiDrive® driver training programmes and corporate coaching modules bring you up to speed, making day-to-day driving safe. The support and training programmes on offer give you additional opportunities to optimise your commercial environment.

## MAN | Financial Services

MAN Financial Services\* help you to stay financially mobile. Moreover, our coach rental service makes it possible to be more flexible in responding to shortages or increased demand.

- **MAN Card**  
Europe-wide non-cash payments
- **Financing**  
Acquisition of property through flexible financing solutions
- **Insurance**  
Insurance solutions for commercial vehicles
- **Leasing**  
Budget-friendly leasing models
- **Rental**  
Vehicle rental with a flexible contract term

## MAN | Service

Higher quality, more time: new – two-year warranty on MAN service and parts.



- **MAN Genuine Parts:** top quality, long service life and availability ensured
- **MAN Genuine Parts ecoline:** save a lot and protect the environment in the process with reconditioned MAN Genuine Parts from MAN, the manufacturer or external service providers
- **MAN Genuine Oil:** MAN Genuine Oils are proven to provide optimum protection against wear and thus contribute to reducing overall operating costs
- **MAN Mobile24:** Europe-wide breakdown service for coaches
- **MAN ServiceContracts:** service agreements covering service and inspection tasks on the maintenance schedule. Depending on the add-on option, different modules such as contract management, driveline guarantee and wear-and-tear repairs can be included.
- **MAN guarantee extensions:** guarantee extension for driveline and complete vehicle

## MAN | TopUsed

- **Top used vehicles:** large selection of high-quality used vehicles of all coach types
- **Service promise:** top quality, top advisory service, top selection, top financing, top service
- **Top services:** including used vehicle guarantee, financing

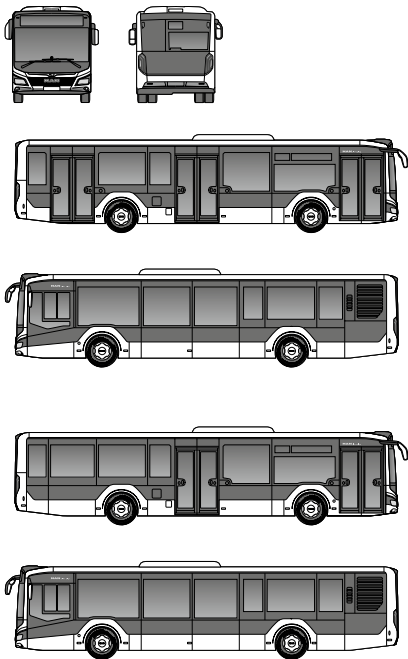
\*The services offered as part of the joint business relationship "MAN Financial Services" (financing, leasing and insurance products) vary from country market to country market. They are provided or brokered by various subsidiaries of Volkswagen Financial Services AG.

## The quickest way to find out more: [www.bus.man.eu](http://www.bus.man.eu)

All information on our products, services and other service topics such as MAN ServiceContracts, MAN Card, MAN ProfiDrive®, MAN Financial Services and MAN Mobile24, etc. can be found on our website [www.bus.man.eu](http://www.bus.man.eu) – discover the MAN brand interactive and up close.

# TECHNICAL DATA.

## MAN Lion's City 12:



### Vehicle dimensions

Length	12,185 mm
Width	2,550 mm
Height with air conditioner	3,055 mm
Height with MAN EfficientHybrid	3,110 mm
Wheelbase	6,005 mm
Turning circle	10,747 mm

### Engine

#### Model, arrangement

D1556 LOH  
6-cylinder in-line diesel engine  
vertically installed

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 206 kW (280 hp)  
max. torque: 1,200 Nm

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 243 kW (330 hp)  
max. torque: 1,400 Nm

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 265 kW (360 hp)  
max. torque: 1,600 Nm

### Gearbox

Voith DIWA.6  
4-speed automatic gearbox

ZF EcoLife Step3  
6-speed automatic gearbox

### General

#### Passenger capacity

max. 37 passenger seats (2-door)  
max. 33 passenger seats (3-door)

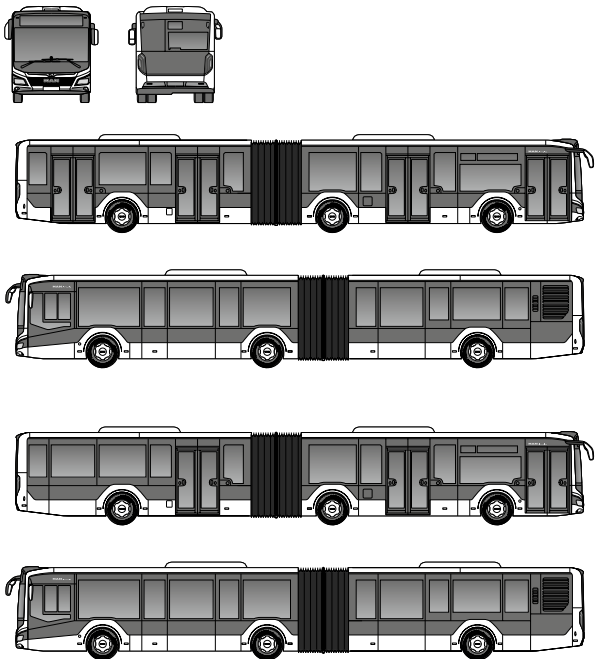
#### Permissible total weight

19,500 kg

#### Fuel tank capacity

175 l - 350 l

## MAN Lion's City 18:



### Vehicle dimensions

Length	18,060 mm
Width	2,550 mm
Height with air conditioner	3,055 mm
Height with MAN EfficientHybrid	3,110 mm
Wheelbase forebody	5,200 mm
Wheelbase afterbody	6,680 mm
Turning circle	11,546 mm

## Engine

### Model, arrangement

D1556 LOH  
6-cylinder in-line diesel engine  
vertically installed

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 243 kW (330 hp)  
max. torque: 1,400 Nm

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 265 kW (360 hp)  
max. torque: 1,600 Nm

## Gearbox

Voith DIWA.6  
4-speed automatic gearbox

ZF EcoLife Step3  
6-speed automatic gearbox

## General

### Passenger capacity

max. 49 passenger seats (3-door)  
max. 45 passenger seats (4-door)

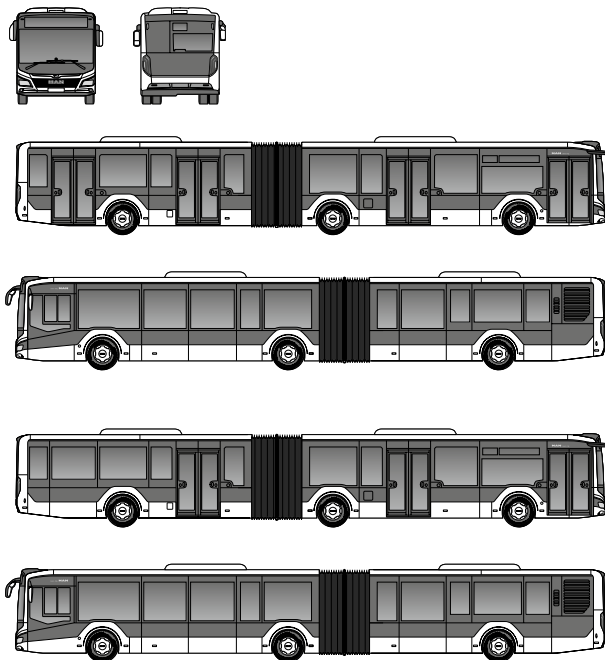
### Permissible total weight

28,000 kg

### Fuel tank capacity

245 l - 350 l

## MAN Lion's City 19:



## Engine

### Model, arrangement

D1556 LOH  
6-cylinder in-line diesel engine  
vertically installed

Displacement: 9,037 cm<sup>3</sup>  
Rated output: 265 kW (360 hp)  
max. torque: 1,600 Nm

## Gearbox

Voith DIWA.6  
4-speed automatic gearbox

## General

### Passenger capacity

max. 53 passenger seats (3-door)  
max. 49 passenger seats (4-door)

### Permissible total weight

28,000 kg

### Fuel tank capacity

245 l - 350 l

## Vehicle dimensions

Length	18,750 mm
Width	2,550 mm
Height with air conditioner	3,055 mm
Wheelbase forebody	5,870 mm
Wheelbase afterbody	6,680 mm
Turning circle	12,046 mm

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Some vehicles depicted in this brochure show equipment available on extra charge.

The vehicle's air conditioning system contains fluorinated greenhouse gases (R134a / GWP 1430 with up to 1.15 kg; 1.6445 t CO<sub>2</sub> accordingly).

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