

LION'S CITY GL.

What Cities Want.



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D112.557/E - bv09171 - Printed in Germany
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On the way to the future.

MAN Lion's City GL

Within the EBSF project MAN has developed the vehicle concept MAN Lion's City GL, in which increasing passenger flow and improving carriage of passengers are central issues. The result was the innovative 18.75 metre-long articulated bus MAN Lion's City GL, which was taking part as a demonstrator vehicle in the test in Budapest.



Bus of the Year 2015

Experts from around Europe agree – the MAN Lion's City GL CNG is the best bus there is for the city centre and transport companies. So it should come as no surprise that it was voted the Bus of the Year 2015 in the Bus Euro Test. The secret of its success: the concept of a five-door articulated bus combined with an environmentally friendly natural gas engine. The natural gas engine in Euro 6 provides an extremely low-emission mobility solution for city traffic – almost CO₂-neutral and therefore comparable to a full-electric vehicle. And it is also highly economical.

As the only five-door vehicle on the market, it ensures optimum passenger flow. Turnaround times are cut by as much as 38%. This saves not only time, but also fuel and stress, and lets the city centre breathe. Clean. High-performance. Economical.



Extensive safety features.

- Light barriers on inward-swinging doors.
- Video surveillance in interior.

Comfortable entry and exit

- Retractable ramp and "kneeling" function.
- Easier entry/exit for people with limited mobility.
- Area for wheelchair users and pushchairs opposite central door.

Economical, environmentally friendly engine.

- 6-cylinder common rail diesel with 320/360 hp (235/265 kW).
- MAN SCR technology Euro6 with EGR.
- Gas engine E2876 with 310hp (228 kW)

Flexible and comfortable passenger space with high capacity

- Folding seats in the forebody, can be blocked by the driver. Optical signal on the seat shows whether it is free or blocked.
- Wonderfully light interior due to translucent folding bellows for articulated buses and full glass doors.

Five doors for quick passenger turnaround.

- Five 1.25 metre-wide, fully glazed, double-leaf inward-swinging doors.
- Optimised electric drive for short open/close times and a demonstrably faster entry/exit.



Other technical features

- Scanner for mobile tickets.
- Internet access via a WiFi hotspot.
- Video monitoring of the interior.
- Use of LED technology: saves energy and lasts a lot longer than halogen lights.

Technical data Lion's City GL

Permitted gross weight	28,000 kg
Length	18,750 mm
Width	2,500 mm
Wheelbase 1. and 2. axle	5,875 mm
Wheelbase 1. and 3. axle	12,645 mm
Diesel engine	D2066 mit 320/360 hp (235/265 kW)
Max. torque	1,600 Nm at 1,000 – 1,400 rpm
Gas engine	E2876 mit 310 hp (228 kW)
Max. torque	1,250 Nm at 1,100 – 1,700 rpm
Volume of fuel tank	Diesel 350 l / CNG 1 176 l
Gearbox	4-speed automatic gearbox with Sensotop control and integrated Retarder, optionally automatic transmission ZF EcoLife

