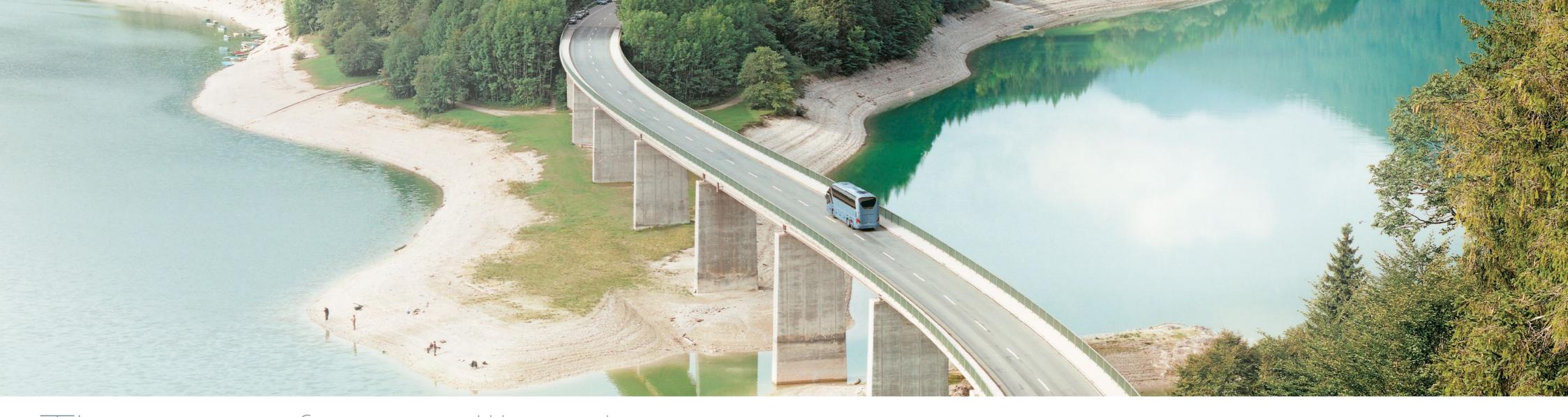


## starliner

THE EXCLUSIVE WAY OF TRAVELLING





The art of travelling is to see and be seen.

People who want to see the nicest parts of the world also want to get there in the nicest way. In the Starliner, the VIP CLASS among touring coaches, passengers can experience unforgettable moments in an incomparable bus: when it comes to driving safety, in terms of innovative technology and functions – above all, however, in relation to

travelling comfort. A vehicle that embellishes the demands and tradition of the NEOPLAN brand like no other and gives its passengers, all over the world, the feeling that: you just can't travel in a more delightful way.

# We forget no one, and no one forgets us.



The Starliner has style in the tiniest of details. Its elegant form and its modern design make it an unmistakable eyecatcher that will never be forgotten. Unusual design ideas and the courage to explore new territories were waved in front of its shaping concept like a red flag. In the Starliner, no desires are left uncatered for. It's no wonder then that your passengers will choose the Starliner and no other for their travels.





# Enjoy the encounter – count the features.







### IT'S WELL WORTH TAKING A CLOSE LOOK: AT THE DETAILS

All of a piece, the front design with the striking headlights gives the Starliner a harmonious and dynamic exterior. A special feature here is the curved windscreen, which lends the Starliner its unmistakable character. Side windows with smooth transition into the roof and forward leaning window side members capture a characteristic design feature from legendary predecessor models and interpret it anew. Its athletic rear shape with the dynamically rolled tail lights make the aesthetic impression perfect.

### UNMISTAKABLE: THE DESIGN

The expressive interplay of faces and edges gives the Starliner an aura of elegance and lightness. A reversing camera installed as a series feature allows the driver to manoeuvre his vehicle exactly to the centimetre.

### SOMETHING FOR THE EYE: APPLICATIONS

The same care and attention to detail that distinguishes the overall design of the Starliner can also be seen in the details, such as the chrome elements on the front and rear and beneath the three pillars.

### Discover the most beautiful corners of the world.



# Send your dreams on a journey.



### DAYLIGHT BRIGHT EXAMPLE: THE CEILING LIGHTS

When needed, the Starliner turns night into day: When the sun goes down, the lighting in the window curvature of the side windows assures that the light still comes from the same direction – which means the interior is always naturally lit.

### **MONITOR ALWAYS WITHIN VIEW**

Functionality and appealing design, for information and entertainment too: The central monitor in the vehicle cupola offers passengers the best view from all seats.



When people see the Starliner on the inside for the first time they are overwhelmed by the space. This is the backdrop for a gala performance – and you are sat in the front row! In a uniquely comfortable seat that gently matches the contours of your body. Generosity and comfort distinguish the interior design as far as the eye can see. Your dream of travelling becomes a reality in this bus.

# Comfort that can be seen. Just close your eyes.







## Comfort, light, sound and something for the eye – the interior of the Starliner combines bus technology of the finest order: from the 38 kW strong air conditioning for crystal clear air to the specially developed seats in the Starliner, the quite literally path-leading design of the floor skirting right up to the innovative lighting and sound concept. They turn any trip into a journey of senses.

### ACOUSTICS LIKE A CONCERT HALL

The Surface-Sound-System of the Starliner offers its passengers an unforgettable sound experience: There are no speakers in the true sense. The entire ceiling of the bus is used as a resonance medium via exciters instead.

### **WELL STOWED**

Everything that tourists need is stowed safely and, when required, is within easy reach from the easily accessible, spacious stowage compartments.





The wide doors and steps of the entrance and exit areas make it possible for your passengers to board and alight in comfort.

Simple reading, convenience in operation and a sure driving feel. The modern, ergonomically styled cockpit plus TopLine multimedia centre give the driver everything they could want.

### LEADING IN PACE-MAKING SOLUTIONS - FROM FRONT TO REAR.

It's worth taking a closer look at the Starliner. Starting with the exclusive driver's cockpit. The monochrome design is a fusion of functionality, ease of operation and clarity. The driver can be sure of having an eye and a grip on everything. The interior too is a perfect interplay of design and function. Matching this is an excellent interior design with optimal fittings. A comfortable interior with numerous extras through to generously scaled and inviting entries and exits make the Starliner state-of-the-art.



### CHILL. STAY COOL.

The refrigerator of the Starliner is the most spacious and comfortable in its class. A cool option - not just for long journeys.



### FOR THE THOUGHT.

The kitchenette is both lovely to look at and functional and offers almost everything that your heart could desire in the smallest amount of space.





So safe that everyone want to come along for the ride.

### PEOPLE WHO SPEED DON'T PAY HEED TO SAFETY. SO THAT'S WHY WE DO.

With a successful combination of intelligent systems, the Starliner offers active and passive safety at the utmost level. Even in critical situations, it thereby gives its passengers a great feeling of travelling safety – the most important requisite to enjoy the journey.





### VALUE FOR MONEY POWER PACK: THE MAN ENGINE

The Starliner opens up a world of possibilities: it already fulfils the demanding Euro 6 emission standard, which comes into force in Europe on 1 January 2014. The extremely frugal 6-cylinder common rail diesel engine has no need for additional service fluid (AdBlue®). Fascinating: extremely smooth running and low noise qualities and, at the same time, low weight. Performance: 371 kW (505 bhp).

### ORIGIN

"Made in Germany" is a stamp of approval for the highest quality and technological peak performance. As one of the few vehicles in its class, the Starliner is manufactured completely in Germany.

### **ECONOMY**

Innovative common rail engines combine high performance with longevity and favourable fuel consumption.

### SERVICE

The Starliner can be serviced and repaired at any MAN and Neoplan Service Center. This thereby opens up a network of several thousand support centres around the world.

### SUPPORT

With a wide spectrum of systems on offer, we have done justice to the high standard of the Starliner: Replacement parts, finance, driver training, training courses and much more.











### **ACTIVE SAFETY "IN ACTION"**

The "Electronic Stabilisation Program" (ESP) regulates braking at all wheels in corners and evasive manoeuvres and also controls the engine output in a targeted and individual manner. The risk of careering off track in dangerous situations is thereby drastically reduced.

### AUTOMATIC DISTANCE CONTROL

The "Adaptive Cruise Control" (ACC)¹ system detects the area of traffic in front of the vehicle via a radar sensor and automatically keeps the set distance to the vehicle travelling ahead by subtle brake interventions with the retarder.

### TRUE RUNNING CAMERA EYE

The "Lane Guard System" (LGS)<sup>2</sup> uses a camera to orientate itself around the road markings: if the bus veers off track, the driver is given an appropriate signal by way of vibrators integrated in the seat

### PREVIEW FOR THE NEXT CORNER

With its bi-xenon headlamps, the Starliner beams not only particularly far but it also features an additional cornering light with which it can look around the corner. Corners are thereby lit up in a wide arc; the run of the road can be followed and potential obstacles can be detected in good time.

### **MULTITALENT: THE BODY SUSPENSION**

Depending on the speed, road conditions and load state, the active system changes the set-up of the electronically controlled CDS (Comfort Drive Suspension) and adapts it optimally to the prevailing conditions. Advantage: more comfort and safe handling in critical situations.

## Technical data Starliner C

### **ENGINE VARIANTS** MAN D 2676 LOH, EEV / Euro 6

R6, upright 12,419 cm<sup>3</sup> 371 kW/505 hp at 1,900 rpm 2,300 Nm, at 1,100 – 1,400 rpm

### TRANSMISSION

 MAN "TipMatic<sup>®</sup>", automated 12-speed manual transmission with "Easy-Start"

### RUNNING GEAR

Braking system EBS with inner ventilated brake discs, ESP and MSC

### Front axle

Multi-link axle with independent wheel suspension and stabilizer

### Rear axle

MAN hypoid axle with four location arms 2

### Trailing axle

EHLA (electronic hydraulic steering axle) up to 59 + 1 + 1

Max. permissible weight

26,000 kg

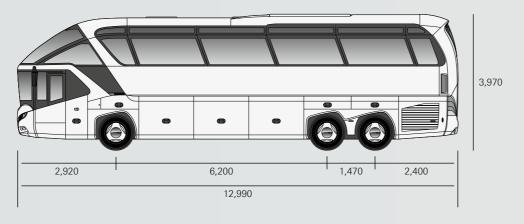
GENERAL

Luggage compartment volume 11.8 m<sup>3</sup>

### PASSENGER COMPARTMENT No. of doors

### Seating spaces

Length	12,990 mm
Width	2,550 mm
Height inc. A/C unit	3,970 mm
Turning circle	21,494 mm
Wheelbase	6,200 mm
Front overhang	2,920 mm
Rear overhang	2,400 mm
Standing height centre aisle	2,005 mm
Central aisle height	1,632 mm









### Technical data Starliner L

### **ENGINE VARIANTS** MAN D 2676 LOH, EEV / Euro 6

R6, upright 12.419 cm<sup>3</sup> 371 kW/505 hp at 1,900 rpm 2,300 Nm, at 1,100 – 1,400 rpm

### TRANSMISSION

MAN TipMatic®, automated 12-speed manual transmission with "Easy-start"

### RUNNING GEAR

EBS with inner ventilated brake discs, ESP and MSC

### Front axle

Multi-link axle with independent wheel suspension and stabilizer

### Rear axle

MAN hypoid axle with four location arms 2

### Trailing axle

EHLA (electronic hydraulic steering axle) up to 63 + 1 + 1

Braking system

Max. permissible weight

25,100 kg

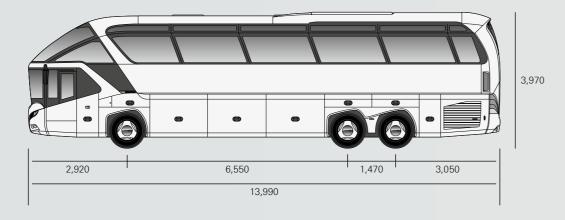
GENERAL

Luggage compartment volume 12.6 m<sup>3</sup>

### PASSENGER COMPARTMENT No. of doors

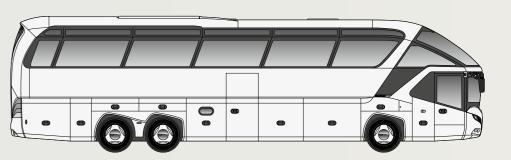
### Seating spaces











# MAN TRUCK & BUS AG A member of the MAN Group Postfact 500620

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D-80976 München www.neoplan-bus.com

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