



Making vehicles special

Space for More Benefits: The Mercedes-Benz Sprinter 3.5 T Box Body Ambulance.



The Mercedes-Benz Sprinter 3.5 T Box Body Ambulance: Compact Outside and Spacious Inside.



SHORT DESCRIPTION

Within the ambulance sector, there has been an increasing reliance on lightweight box body ambulances in recent years. The trend, moving away from the panel construction to the base vehicle with a box construction, is now increasingly prevalent within the area of patient transport. When procuring a new patient transport ambulance, or even an entire ambulance fleet, the box body's comparatively cheaper purchase price for the basic vehicle is persuading buyers. In addition, once the base vehicle has reached its maximum permitted mileage, the box can be re-used on another vehicle chassis. An investment with room for improvement, given that, with advancements in medical technology, the requirements placed, for example, on stretcher systems are also becoming more demanding. The result of this is that technical and qualitative stipulations are increasing the weight and the dimensions of electro-hydraulic stretchers. Here, the lightweight box offers further benefits: it not only helps to cut down weight, so as not to exceed the generally stipulated maximum **total weight of 3.5 t**, but also guarantees more space within the patient compartment.

A base vehicle with a box construction, with the slim outside dimensions of 2110 mm width, 5750 mm in length and 2810 mm in height, results in a versatile ambulance, with plenty of room for both patient and crew. All that remains to be addressed is the housing of the equipment: in the case of the box body ambulance, scoop stretchers or combi-carriers are kept behind an access door on the outside of the vehicle, and are thus stored without any problem, outside of the patient compartment. The geometry of the panel construction even allows hassle-free storage space for other equipment, for instance, for use as an emergency ambulance, as the box construction has no shaped chassis design to be taken into consideration.

EXTERIOR

- Large access compartment for oxygen cylinders, rescue tool, vacuum mattress, carry chair and scoop stretcher/spine-board/CombiCarrier
- Aerodynamic roof spoiler above driver's cab with optically extended wind screen
- LED warning light bar to the front, integrated WAS rear LED warning system
- LED flashers in the radiator grille and bumper for improved visibility at junctions
- LED flashers integrated in the side view mirrors
- LED working lights to the sides and to the rear
- Rear warning system
- Electric step



INTERIOR

Fully usable storage compartments, as the vehicle has no rounded corners

Cabinet for emergency equipment, incl. backpacks or emergency kits

Electro-hydraulic stretcher

Carry chair with crash-tested electric releasable floor-fixing bracket

Holder for luggage and wheelchair

Automatic air-conditioning in the patient compartment

Air conditioning of the patient compartment with 7 kw strong roof AC

Efficient use of space due to square shapes and freely configurable window for more space on the side walls



Scoop stretchers, CombiCarrier and other equipment can be easily stored outside of the patient compartment.



The patient compartment impresses with generous space for both patient and crew.

DRIVER'S COMPARTMENT

Central console incl. switch for signalling system and lights

Reversing camera connected to the multimedia system

Hands-free module for radio and mobile communications

BOX BODY

Inside dimensions: width 1960 mm, height 1900 mm, length 2832 mm

Proven design, adapted from emergency ambulance vehicles

Window in the right side wall

Sliding door

External locker to the front left

The Mercedes-Benz Sprinter 3.5 T Box Body Ambulance: Pioneering in the Field of Patient Transport.



SPECIAL FEATURES

Significantly increased weight reserves, plus more space than a panel van ambulance

Permitted total weight 3500 kg

Possibility of box body transfer once the base vehicle reaches its maximum permitted mileage

Plenty of space

Large access compartment for scoop stretcher/spine board/CombiCarrier, vacuum mattress and carry chair

Completely usable cabinets thanks to the straight construction

Compatible with all carrying and stretcher systems, incl. electro-hydraulic stretchers

12 V CAN-bus system

Touchpanel in patient compartment for complete control of various functions

Compact and manoeuvrable vehicle due to short wheelbase

Room for extended range of equipment for use as an emergency ambulance



BASE VEHICLE

Model	MB Sprinter
Vehicle type	314 CDI
Transmission	Automatic transmission, front-wheel drive
Wheelbase	3259 mm
Permitted total	3500 kg
Weight	



Many central functions such as lighting or air conditioning and heating systems can be controlled via the touch panel in the patient compartment.

