

WAS[®]

MAKING VEHICLES SPECIAL



WAS 500 Sprinter Emergency
Ambulance:

**Smart Technology for Maximum
Safety and Efficiency.**

WAS | 500 AMBULANCE TYPE C 5 T

The WAS 500 Emergency Ambulance Type C, 5 t: **Well-Designed Patient Compartment for Ergonomic and Safe Operations.**



SHORT DESCRIPTION

Optimal use of space, ergonomic conditions for emergency medical personnel and patients, and the highest standards of safety and technology: The new WAS 500 emergency ambulance, based on a Mercedes-Benz Sprinter, combines proven quality standards with innovative assistance and control solutions.

The patient compartment offers an ideal hygienic working environment as well as sufficient space to perform treatments ergonomically and safely. Intelligent systems such as the WAS Smart Control info display with advanced display and support functions, as well as integrated oxygen and status monitoring, increase transparency and ease of use during operations.

Furniture with rounded edges and illuminated grab handles make the daily work of emergency medical personnel easier. The vehicle concept is complemented by well-thought-out solutions such as the electric locking system, the robust and repair-friendly box body, and WAS Lift Assist for the ergonomic loading and unloading of a carrying chair.

The integrated WAS warning system with high side and front visibility lays the foundation for the WAS box body design and ensures even greater safety on the road.



WAS Lift Assist: Ergonomic loading and unloading of the carrying chair at the push of a button – flexible use with different loading heights.

EXTERIOR

Integrated WAS LED warning system (front and rear)

Comprehensive LED lighting concept with working lights, intersection flash, LED rear warning system, and vehicle tail-lights

Acoustic warning system in the radiator grille and Martin 2 x 2 pressure air horn with snow covers mounted under the bumper

360° camera system with AI-supported object recognition and environmental analysis

DRIVER'S COMPARTMENT

Centre console with integrated touch panel

Foot switch for electronic siren

Radio wiring as well as charging and electrical systems (230 V and 12 V) installed centrally and easily accessible on the partition wall

Helmet storage compartment above the driver and co-driver seats with three universal helmet brackets



INTERIOR EQUIPMENT

Stryker Power-LOAD patient transport system and Hoverboard Powerbase

Medicine pull-out cabinet with heavy-duty drawers and integrated medicine cabinet, as well as a drawer cabinet, cabinet for emergency case/backpack, and additional storage compartments and wall cabinets

Tub-shaped, stainless steel-coated working surfaces as well as wall cabinets with integrated LED working lights

Partition seat and two attendant seats with integrated three-point seat belts and seat indicator; seat heating as well as ISOFIX mounts for securing child seats on both attendant seats

Oxygen cylinder cabinet with access flap, oxygen outlets, and 12 V and 230 V power outlets (power supply available even while driving)

LED interior lighting including emergency lighting and blue trauma light, ambient lighting, LED medical spotlight, illuminated grab handles, and lighting in the storage compartments

Automatic climate control for regulating the heating and air conditioning in the patient compartment

CAN bus-controlled central electrical system WAS Control 2.0, WAS Smart Control info display, touch panels for controlling central functions, membrane switches in the ceiling center, and intercom between the driver's cab and patient compartment

Stainless steel coverings on work surfaces, wheel housings and protection plates on doors and access hatches

The WAS 500 Emergency Ambulance Type C, 5 t: **Networked Systems and Innovative Solutions for Everyday Operations.**



SPECIAL FEATURES

CAN-BUS control WAS Control 2.0

WAS Smart Control info display in the patient compartment with

- Clock display with timer function
- Vehicle status display (exterior lighting/warning system, battery voltage, door status)
- Reanimation support
- Visual driving dynamics display (direction & brakes)

Oxygen display: Fill level and pressure of the oxygen cylinders on the WAS Smart Control info display in the patient compartment and the touch panel in the driver's cab with immediate indication of low fill levels

Box body:

- Robust external coating for increased resistance to punctural damage
- Efficient repairing thanks to improved options for part replacement and smart repair

Electrically controlled locking system for secure locking of all box body doors with status indicator for improperly closed box body doors

WAS Lift Assist electric lifting device:

- System for assisted loading and unloading of the carrying chair in the exterior storage compartment
- Intuitive control via button on the access flap
- Flexible use with varying loading heights thanks to contact sensors

Step box cover on the side entry

BOX BODY

Model Type C emergency ambulance

Interior dimensions
Length: 3630 mm
Width: 2080 mm
Height: 1975 mm

Doors
Right-side sliding door with sliding window, 1200 mm wide
Rear double hinged doors

Compartments
Rear left access compartment for storing oxygen cylinders and rescue tools
Rear right access compartment, extra-large, for storing rescue and immobilization equipment as well as the carrying chair

Roof spoiler above driver's cab with optically extended windscreen

Direct connection of the box body to the driver's cab

WAS Door Assist for all doors and compartments

WAS Lift Assist for loading and unloading the carrying chair in the exterior storage compartment

BASE VEHICLE

Model Mercedes-Benz Sprinter 519 CDI

Vehicle type 519 CDI, 140 kW, 4x2

Transmission 9-speed automatic transmission

Wheelbase 3665 mm

Permissible

Gross vehicle weight 5000 kg



WAS Smart Control: Central display unit in the patient compartment for all important vehicle and mission information.

The concept is transferable to other base vehicle types. The equipment is an example and can be customised.

