



Making vehicles special

# Emergency Ambulance: The WAS 500 Ambulance.



# The New WAS 500: Technology and Design at Their Best.



## SHORT DESCRIPTION

Whether it is the daily use under adverse conditions or be it the use as VIP transporter – this WAS 500 defines the standards worldwide by using modern technologies as for example a 360° special warning light, a special super hot country box body construction, an acoustic warning device, a compressor refrigerator, durable and lightweight furniture materials that are resistant to fire and disinfectants, as well as a comfortable stretcher table. With a max. total weight of 5 to, the compact aerodynamical box ambulance is designed for not protruding the base vehicles width and can pass through heavy traffic and narrow streets as well as a van ambulance.



The attendant seats are also easily folded up to assure the optimal use of space and a maximum mobility.

## EXTERIOR

Sliding door at the right side and compartment door for easy access to emergency bags and medical air compressor

Compartment door for easy access to spine board, scoop stretcher, vacuum mattress and carrying chair

Two large rear entrance doors, to be opened for 270° for avoiding crashes in heavy traffic situations

Compartment door at the rear left side for easy access to the stationary oxygen cylinders

Additional under floor compartment for tools, etc.

Roof hatch in the ceiling, also for use as emergency exit

LED flashers as body flashers, intersection flashers, penetration flashers

360° integrated warning lights from latest LED technology for maximum visibility and fuel saving aerodynamics

LED scene lights all around the box body

Electric and additional air pressure acoustical warning devices

Solar fan functioning when the solar exposure hits the outside fan surface and the AC is off

Rear view camera

3 independent AC systems each with an own compressor, for driver's cab, patient saloon and when the vehicle is shored in



The interior finish is particularly robust and of low-maintenance.

#### INTERIOR

High efficiency LED lighting including blue trauma light  
 WAS SanSafe system: Nebulising system with H<sub>2</sub>O<sub>2</sub>, hydrogen peroxide (perfectly safe in the event of Ebola, MERS, SARS, Lassa fever)

WAS electro hydraulic table with WAS Multi-Load system:

- Trendelenburg and anti-Trendelenburg position
- Adjustable in height
- Suspension mode
- CPR mode
- Lateral movement for an efficient use of space and an optimum patient treatment
- Move-in assistance for a smooth and back-friendly loading of the patient

Stationary oxygen system with automatic change over

Computerized vehicle management on CAN Bus base  
 230V sine wave converter

IV holder hooks integrated in the ceiling

Central touch panel for the control of electro hydraulic table, AC system, warming system and lighting

#### PARTITION WALL

Compartment for emergency bags with access from the outside and the inside

7 ltr compressor refrigerator

Doctor's seat with three point belts, forward and backward movement. Additional 4 point child's seat belt and ISOFIX child restraint, integrated in the doctor's seat

5 piece drawer unit

2 slide out trays for small material

Hanging locker



The WAS SanSafe system removes all germs and pathogens, even in the smallest gaps which are difficult to access.

#### LEFT SIDE WALL

Storing space for the medical equipment

Hanging locker

Rotating and foldable seat with three point belt

Central control unit

Intercom with the driver

Oxygen and power (12V and 230V) outlets

Writing board

#### RIGHT SIDE WALL

Rotating and foldable seat with three point belt

Tinted window with emergency exit function and venetian blinds for privacy

#### CEILING

Central supply unit including:

- Spot light
- IV hooks
- Grab rails
- Oxygen outlet
- Incubator socket

#### DRIVER'S COMPARTMENT

Center console between driver's and co-driver's seat

Central operation touch panel for all necessary functions

Additional control panel for WAS SanSafe system

Rear view screen when operating the reverse gear

# The New WAS 500: Setting New Standards in Safety and Technology.

## SPECIAL FEATURES

Electro-hydraulic ambulance table with WAS Multi-Load Assist system

WAS SanSafe: stationary nebulising unit providing a perfectly sterile patient compartment (additional vehicle cleaning process)

The complete vehicle conversion is made from organic-free materials: no defects in the material, no germ formation

With its special material, box body construction and 3 independent air-conditioning units, the vehicle is perfectly adapted to hot countries

The panels of the box body can be easily repaired. The complete box body can be exchanged and put onto a new chassis. This increases the life time of an ambulance unit and reduces the costs.

Aerodynamic box body in combination with a 6-cylinder-motor and an engine power of 258 hp for perfect manoeuvring in any situation

## BASE VEHICLE

Model	Mercedes-Benz Sprinter
Type	524
Engine power	190 kW/258 hp
Gearbox	Automatic transmission
Wheel base	3665 mm
Fuel	Gasoline
Maximum total weight	5000 kg



The external access hatches ensure time-saving removal of equipment.



The patient stretcher can be easily moved into any position required. The WAS Multi-Load Assist move-in assistance is compatible with all standard roll-in stretchers.



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



**Wietmarscher Ambulanz- und Sonderfahrzeug GmbH** | Lingener Straße 1 | 49835 Wietmarschen, Germany  
Phone +49 5925 991-100 | Fax +49 5925 991-602 | info@was-vehicles.com | www.was-vehicles.com