



Making vehicles special

# Emergency Ambulance: The WAS 500 Type B/A+E, SAS Design

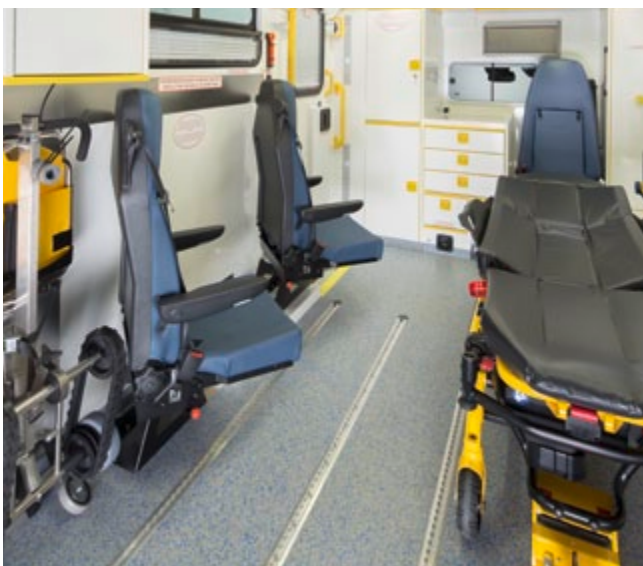


# The WAS 500 Type B /A+E: Perfectly Equipped for Both Patients and Paramedics.



## SHORT DESCRIPTION

The WAS 500 SAS emergency ambulance combines the perfect use of space with highest requirements to security and technology. The patient compartment offers enough space for a comfortable treatment of the patient. All material is stored functionally. Airline rails in the floor facilitate multiple options for mounting a standard or a bariatric stretcher. The external lockers provide quick and easy access to essential equipment without having to enter the vehicle. The side sliding door is reduced in size and weight but still allows emergency removal of the stretcher. Full LED lighting both in the patient compartment and externally provide optimum working conditions for staff while maximising energy efficiency. This ambulance is fully compliant with ECWVTA.



Two fully tested forward facing attendant seats incl. integrated three-point seatbelts, this allows also a 45° seat position of the paramedic in driving direction.



The new designed patient lift has a capacity of 500kg and facilitates an ergonomic loading and unloading of the stretcher. It features a fully automatic bridge plate and internally housed manual operation facility.

### BOX BODY

Model	Type B, A+E ambulance
Internal dimensions	Length: 3590 mm Width: 2080 mm Height: 1975 mm
Doors	<ul style="list-style-type: none"> <li>• Side sliding door (width 770 mm)</li> <li>• Rear double-wing door, can be locked at max. 110° on both sides</li> </ul>
Compartments	<ul style="list-style-type: none"> <li>• Front left external locker for scoop stretcher and spine board</li> <li>• Rear right underfloor locker for service access to patient lift</li> <li>• Centre right underfloor locker for the auxiliary battery</li> </ul>

### EXTERIOR

Tinted windows with integrated blinds and emergency exit function, body window 50/50 split integrated blind and sliding opener

4 LED scene lights

2 adjustable LED alley lights

4 LED body flashers in blue

Front and rear latest generation LED warning lights and lightbars

Acoustic warning system, fully tested and noise compliant 100W, speaker driver orientated to aid service and reduce risk of failure. Speaker horn positioned for maximum acoustic effect

LED vehicle tail lamps, side marker lights and clearance lights

Red LED safety light, fitted to locker doors

LED entry lighting

Colour video system with 3 external cameras including reverse camera

16A automatic ejecting charging socket with LED charge indication

### ENTRY SYSTEMS AND LOADING AIDS

Integral step integrated with rear door to open and close when the door is used; fully tested, hi-grip and approved for visually impaired patients

Fully automatic electrically operated side step working in line with side entry sliding door with emergency stow function

### ENTRY SYSTEMS AND LOADING AIDS

New design patient lift capacity of 500kg, bariatric capability, and fully automatic bridge plate. Includes full emergency manual override mode internally housed

### INTERIOR

Saloon interior manufactured from a lightweight rigid PVC with high visibility edging, highly resistant to bacteria and disinfectant and free from organic material

### PARTITION WALL

Full height front left locker divided in two large compartments containing optional shelving heights

Housing for air conditioning or climate control

Lockable compartment for POM's and drugs storage

Lower central draw unit with the rear of the cupboard doubling as an integrated peddle operated bin to aid with infection control

Bulkhead sliding communication window

WAS Protego sliding seat, incl. three-point seatbelt and integrated child seat with Isofix

Secure dedicated locker to house communication systems with internal LED lighting

Unique sliding consumables locker with heavy duty drawers

High current electrical connection for transferable equipment

### LEFT SIDE WALL

Two fully tested forward facing attendant seats including armrests and two integrated three-point seatbelts, this allows the paramedic a 45° seat position in driving direction

These seats have built in head restraints and stow completely against the side wall

Stainless steel protection plates to high impact areas

Carry chair mounting option

### RIGHT SIDE WALL

Fully configurable reinforced medi-board for locating medical equipment

Central operating systems available by either rearward or forward facing attendant's seat

Oxygen locker for ZX and HX size cylinders

Wall houses CD size cylinder brackets, recessed oxygen outlets with easy access to pipelines, with manual changeover valve

Storage lockers to meet JR Calc and CEN requirements



# The WAS 500 Type B/A+E: Ideal Working Conditions for Each Rescue Operation.

## DRIVER'S COMPARTMENT

Centre console for storage of PPE and documents  
 Communications/control pod integrated into dashboard to house a 10" screen and auxiliary control panel  
 Mirror monitor connected to 5 camera CCTV system  
 LED map lights  
 Auxiliary heater and A/C outlets  
 High current connector for jump start facility

## CEILING

Sky light with optional roof hatch with emergency exit, roller blind and insect screen  
 Roof vents (intake and extract)  
 8 dimmable LED lights for lighting the patient compartment, with optional trauma function  
 Spot-lighting above the patient  
 Multi point panic strips to activate internal video surveillance system and multiple alert system  
 Multiple grab rails

## FLOOR

Multiple options for mounting a standard or a bariatric stretcher  
 Secure fixing points in floor for specialised medical equipment such as aortic balloon pumps  
 High visibility non slip flooring integrated with side wall and cupboard via plastic welding

## SPECIAL FEATURES

Multiple options available for vehicle telemetric systems  
 Intercom between patient compartment and cab, hands-free  
 Automatic climate control, thermostat-controlled.  
 A/C and heating vent into the cab area  
 Radio pre-equipment  
 Miss-fuelling systems available to prevent incorrect fuelling  
 All interior lockers are made from antibacterial material to aid infection control

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

## BASE VEHICLE

Model	Mercedes-Benz Sprinter
Type	519 CDI 4x2
Engine power	140 kW/190hp
Gearbox	Automatic
Type of vehicle	Box body
Wheel base	3665 mm
Fuel	Diesel
Maximum total weight	5000 kg



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



Airline rails in the floor facilitate multiple options for mounting a standard or a bariatric stretcher.

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