Making vehicles special

# The New Generation: WAS 500 Type C Ambulance New Design.

**Ergonomic. Economic. Reliable.**

# The New WAS 500:
# Innovative Design for Efficient Operation.

## SHORT DESCRIPTION

With the use of modern manufacturing techniques the WAS 500 combines the best space utilisation in the patient compartment with highest standards in safety and technology. The integrated front and rear warning systems ensure the highest levels of visibility in all traffic conditions. LED lighting is incorporated – in the patient compartment, on work surfaces, for internal lighting and also on the exterior for floodlights, warning systems and front flashers – this provides the optimum working conditions with maximum energy efficiency. The modern design complements the integration between the cab and box body to ensure the optimum aerodynamics, thus optimising the vehicle's fuel consumption.

Ergonomically optimized space ensures maximum flexibility.

| BOX BODY | |
|---|---|
| Model | Emergency Ambulance Type C |
| Internal Dimensions | Length 3590 mm<br>Width 2080 mm<br>Height 1975 mm |
| Doors | • Sliding side door, front right<br>• Rear double hinged doors |
| Compartments | • Rear side storage compartment for oxygen cylinders<br>• Rear side compartment for access to medical equipment storage |

The integrated front and rear LED warning systems provide the highest level of conspicuity.

Rescue tools and $O_2$-supply are easily accessible through large access doors from the outside.

The carrying chair is stored safely and can be easily accessed.

| EXTERIOR |
|---|
| LED floodlights |
| Integrated LED warning system front and rear |
| Sputnik nano LED front flasher |
| Hänsch Type 620 warning system integrated into the bumper |
| 2 x 2 dual-tone siren with snow covers installed under the bumper |
| LED rear warning system (RWS) |
| LED entry lighting by the driver‘s and co-driver‘s door |
| LED vehicle tail lights |
| Reversing camera in the rear console |
| Exterior of the box body is made from polyester coated aluminium |
| Roof spoiler above the cab with visually extended windscreen |
| Double door insulation on partition wall |
| Side sliding door on the right, 1200 mm wide with sliding window |
| Extra large access compartment on the rear right |
| Access compartment, rear left |

| INTERIOR |
|---|
| Medical consumables cabinet with heavy-duty drawers |
| Secure medication cupboard in the medical consumables cabinet |
| Removable panel for ampoule kit |
| Lockable drugs compartment |
| Drawer cabinet on the partition wall with 8 drawers |
| Bag cupboard for 2 emergency medical cases or backpacks with 2 additional drawers |

| INTERIOR |
|---|
| Trough-shaped work surfaces with stainless steel lining |
| Hanging locker above the window in the partition wall, with integrated LED work surface lighting |
| Thermobox with temperature display |
| Waeco compressor fridge |
| Oxygen cylinder cupboard with opening for operation from the patient compartment and for changing the oxygen cylinders from outside through the access door |
| All compartments and doors are provided with stainless steel protective plates |
| Storage space above the oxygen cylinder cupboard, accessible from the patient compartment, with lockable doors |
| Tall, narrow cupboard on the vacuum mattress cabinet with 2 doors for accommodating various items of equipment |
| Long ceiling mounted overhead console with 2 integrated grab handles |
| 2 LED medical spotlights, operated via the control panel |
| 2 attendant seats with integrated three-point seatbelts |
| Hydraulic bariatric ambulance table WAS HYDROPULS Comfort |
| LED internal lighting with emergency light and blue trauma light |
| 7.5 kW heat exchanger, thermostatically controlled |
| Thermostat-controlled electric fan heater |
| Separately-controlled air-conditioning unit in the patient compartment |
| Oxygen outlets |
| 12-V-sockets |
| 230-V-sockets |

# The New WAS 500:
# Best Space Utilisation with Maximum Flexibility.

| DRIVER'S COMPARTMENT |
|---|
| Centre console between driver's seat and co-driver's seat |
| Reversing camera with shutter |
| Radio pre-equipment |
| Charging technology, 230-V and 12-V electrics installed in the seat cushions so as to be easily accessible |
| Foot switch operated siren system |
| Door open indicators for all doors and access compartments |
| 3 universal helmet brackets in the helmet storage compartment above driver and co-driver |

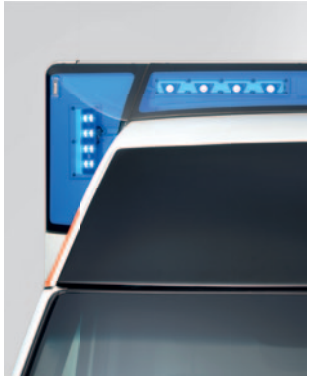
| SPECIAL FEATURES |
|---|
| Radio pre-equipment |
| Option to accommodate technical medical equipment in accordance with EN 1789 |
| Aluminium supply duct and mediboard inside |
| Accident recorder |

| BASE VEHICLE | |
|---|---|
| Model | Mercedes-Benz Sprinter |
| Type | 516 CDI 4 x 2 |
| Engine power | 120 kW / 163 hp |
| Transmission | Automatic transmission |
| Features | • Tempmatik air-conditioning unit<br>• Hot-water auxiliary heating<br>• CD-Radio with MP3<br>• Fog lamps<br>• Painted bumper<br>• Driver and co-driver airbags, thorax sidebag and windowbag<br>• Auxiliary battery<br>• Outside temperature display<br>• Start-off assist |
| Wheel base | 3665 mm |
| Maximum total weight | 5000 kg |

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

Ergonomically designed interior cabinets and drawers ensure easy and safe storage.

All important adjustments can be easily done on the overhead console.



The highly visible LED technology warning system is powerful and efficient.

Bright LED working lights.

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