



Making vehicles special

The WAS 500 Bariatric Ambulance Powerful. Efficient. Proven.



The WAS 500 Bariatric: Carefully Thought-Out Design for Efficient Use and Optimal Safety.



SHORT DESCRIPTION

Applying cutting-edge production methods and long-term experience, the bariatric ambulance combines optimal use of space in the patient compartment, with the highest level of safety and up-to-date technology. The warning and signalling technology, along with the surround lighting using LED technology, ensure maximum visibility in all directions in traffic and the optimal safeguarding of deployment sites. Thanks to an innovative livery design with neon-coloured and retro-reflective elements, along with the 6 flashing blue LEDs in the front section, an increased level of safety is guaranteed, especially at junctions. In addition to this, numerous LED lights as interior lighting over the work areas and above the Powerload system ensure optimal working conditions. The operation panel in the area of the left attendant's seat enable the control of all central functions, including while driving, as the emergency personnel can remain seated and wearing safety belt in while activating the controls. The intercom system supports verbal communication is also possible between the paramedic on the left side and the driver.



Three attendant's seats in the treatment area – all with integrated three-point belts – enable ideal patient care.



Carefully designed cabinets and drawers enable the clearly laid out storage of all pieces of equipment.



The optimal use of space guarantees the maximum possible room for manoeuvre.

BOX CONSTRUCTION

Model	Type C bariatric ambulance
Internal dimensions	Length: 3590 mm
	Width: 2080 mm
	Height: 1975 mm
Doors	<ul style="list-style-type: none"> • Sliding door to the front right • Rear double hinged doors
Compartments	<ul style="list-style-type: none"> • Rear storage compartment, right side, for rescue tools, vacuum mattress and carry chair

EXTERIOR

New livery design with high-visibility “Battenburg” concept featuring retro-reflective warning markings to the rear

LED alley lights to the left, right and rear

LED warning system to the front with 2 Hänsch NOVA rotating beacons

LED warning system to the rear with 2 Comet-B rotating beacons

Hänsch integrated flashing LED system with 6 blue lights

Hänsch Type 624 warning system integrated into the radiator grille

2 x 2 Martin dual tone siren with snow covers mounted under the bumper

LED rear warning system Hänsch Sputnik SL

LED entry lights on the driver and co-driver door

Rear lights in LED technology

Rear-view camera in the rear console

Side camera on the right-hand side for monitoring the blind spot on the right side of the vehicle, when activating the indicator

Roof spoiler above the driver's cab with an integrated helmet storage compartment

Side sliding door on the right, 1200 mm wide, with sliding window

External storage compartment to the back right, for rescue tools, vacuum mattress and carry chair

INTERIOR

Pull-out pharmacy cabinet with heavy-duty drawers

Medicine cupboard in the pull-out pharmacy cabinet

Lockable medicine compartment in the pull-out pharmacy cabinet

Drawer cabinet on the partition wall, with 4 drawers

bag cupboard for 2 emergency cases or backpacks with 2 additional drawers

INTERIOR

Working surfaces tub-shaped with stainless steel coating

Hanging cupboard above the partition wall window with integrated work surface lighting in the form of an LED strip

Compartment with gas pressure absorbers to house a Bluetooth-capable printer

Thermobox with external temperature display

Compartment for oxygen cylinders, to be accessed from the patient compartment

Storage space above the oxygen cylinder compartment

Large ceiling centre with grab handles and ceiling ventilation outlets

LED spotlight integrated into the ceiling centre

Controls for central functions in the ceiling centre

2 attendant's seats with integrated three-point belts and ISOFIX on the left side

Attendant's seat on the partition wall with integrated three-point belt

Stryker Powerload stretcher system incl. Power Pro XT stretcher to facilitate the loading and unloading of heavy patients

Airline track system for the loading of medical equipment and luggage, integrated into the floor

LED interior lighting with emergency light and blue trauma light

Aluminium supply conduct on the left side; supply conduct integrated into the cabinet on the right-hand side

Intercom system for communication between the driver and the paramedic on the left

Central control unit for controlling the heating and air conditioning systems (climate control) in the patient area

Separately controllable auxiliary heating for the quick heating of the patient area

Ability to control all main functions in the patient area on the left-hand side

Bracket for a tablet for patient data recording, on the left-hand side

Inverter for the use of four 230-V power outlets while driving

Charging technology, 230 V and 12 V central electrical system, installed in the hanging cabinet so as easily accessible

Oxygen bottle in the patient area

Ceiling supply lines for ECG, pulse oximetry and blood pressure measurement by the paramedic on the right

The WAS 500 Bariatric: Cutting-Edge Technology, for Comfort and Safety.

DRIVER'S COMPARTMENT

Center console between driver's and co-driver's seat with controls for the warning system

Portable LED spotlight incl. charging bracket

Monitor for displaying the images from the reversing and side cameras

Radio pre-fit for digital and analogue radio

Loading technology for 230 V and 12 V, easy to access in the seat boxes

Foot switch for the signal system

Door-open display for all doors and access flaps

3 universal helmet brackets in the helmet storage compartment above the driver and co-driver

Hands-free module for the intercom system

BASIC VEHICLE

Model	Mercedes Benz Sprinter
Vehicle type	519 CDI 4 x 2 and 4 x 4, Model no. 907/BM907
Engine output	140 kW /187 HP
Transmission	7G-TRONIC PLUS automatic transmission
Equipment	<ul style="list-style-type: none"> • Tempmatik air-con system • Auxiliary water heating • MB car radio Audi 10 • Fog lamps with adaptive lights • Painted bumpers • Driver and passenger airbags, thorax sidebag and windowbag • External temperature display • Light and rain sensor • Engine relaying • Cruise control
Wheelbase	3665 mm
Permitted total weight	5000 kg
Assistants	Hill start assist, crosswind stabilisation and lane-keeping assistant

The concept can be applied to other vehicle types.
The equipment is as an example only and can be adjusted to suit your requirements.



The Stryker Powerload stretcher system incl. the Power Pro XT stretcher facilitates the loading and unloading of heavy patients.



An airline track system is integrated into the floor for the loading of medical equipment and gear.



The controls on the left attendant's seat enable the control of all central functions while driving.

