



Making vehicles special

The WAS 500 New Design Special Infection Ambulance.



The WAS 500 Special Infection Ambulance: Seamless Hygiene for Maximum Security.



SHORT DESCRIPTION

The fully integrated, secure air-treatment system makes it possible for you to transport even highly infectious patients. The filtration system filters both the recirculating air and the air flowing in and out of the patient compartment and maintains a constantly monitored low-pressure state to avoid transmission of diseases. The sophisticated vehicle concept also enables this vehicle to be used as a standard ambulance.

EXTERIOR

Hermetically sealed box body

Integrated LED visual warning system, front

Integrated LED visual warning system, rear

Roof spoiler above the cab with visually extended windscreen

LED entrance lights on the driver and passenger door

6 working lights in LED technology around the box

Sputnik nano LED front flasher

Special signalling system type 620

2x2 dual-tone siren, system by Martin, with snow covers

LED rear warning system

LED vehicle tail lights

Reversing camera in the rear console

Outer wall of the box made from polyester coated aluminium

Access compartment, front right, extra large

Access compartment, center right



Optimised use of space: Plenty of storage space for all equipment.



The long wheelbase chassis allows for an extended box body to accommodate the filtration technology.



Oxygen supply and tools are easily accessible from exterior compartments.

EXTERIOR

- Sliding door, right, 770mm wide
- Access compartment, rear right, extra large
- 270° rear double hinged doors
- Access compartment, front left, extra large
- Access compartment, rear left
- Access compartment to underfloor compartment, front left
- Access compartment, front right, extra large
- Central locking for all doors and compartments

INTERIOR EQUIPMENT

- 7.5 kW heat exchanger, thermostatically controlled
- 1800 Watt inverter
- 10.5–15V duo voltmeter for two battery circuits
- 12-/230-V-sockets
- Engine preheating
- Camera monitoring of interior
- Intercom with cab
- Hydraulic ambulance table WAS HYDROPULS Comfort
- 2 attendant seats with integrated three-point seatbelts
- Additional option for mounting the technical medical equipment in the technology compartment
- Thermo box with temperature display
- Heavy duty drawers for technical medical equipment
- External display and control panel for 2 x O₂ (Redox autoswitch oxygen outlet)
- Ceiling mounted overhead console with 2 integrated grab handles
- LED internal lighting with integrated trauma light
- Vacuum mattress cabinet, sealed, externally accessible only
- Oxygen cabinet, sealed, externally accessible only
- Integrated LED work surface lighting
- Operating panels with flat pushbuttons
- 2 LED medical spotlights, operated via control panel
- Trough-shaped work surfaces with stainless steel lining

SPECIAL INFECTION TRANSPORT EQUIPMENT

- Air-treatment system with integrated pressure option
- Automatic climate control via the air-treatment system
- Incoming and outgoing air filtered through HEPA H14 filters
- Large HEPA H14 filter for air filtration of the patient compartment
- 600m³ circulated air per hr
- Monitoring of the O₂ level in the patient compartment, automatic adjustment of the incoming and outgoing air



Easy access to medical equipment and protection clothing via heavy duty drawers.



Spacious and ergonomic state of the art design facilitates the daily work.



Filtration and climate control systems are controlled from the center console.

The WAS 500 Special Infection Ambulance: Hi-Tech Concept for Maximum Performance.

SPECIAL INFECTION TRANSPORT EQUIPMENT

Permanently pressured and monitored patient compartment to avoid air born pathogens exiting the vehicle

Built-in unit for formaldehyde and ammonia fumigation and disinfection

Fully sealed patient compartment interior

Additional holders for medical equipment in a separate externally accessible stowage room

DRIVER'S COMPARTMENT

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

Controls for the air-treatment system

Control indicators for lighting, warning system and open doors

Intercom with the patient compartment

Monitor for patient compartment monitoring

Reversing camera

Charging technology, 230-/12-V-electrics, installed in the seat cushions so as to be easily accessible

Foot switch control for siren system

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

SPECIAL FEATURES

Automatic climate control

Aluminium supply duct and Mediboard inside

230-V power supply during the journey, sine wave inverter 1800W

Accident recorder

Groeneveld reversing warning system

Full air suspension on rear axle VB technology

BASE VEHICLE

Model Mercedes-Benz Sprinter

Vehicle Type 516 CDI 4x2

Engine power 120kW / 163hp

Fuel Diesel

Transmission Automatic

Type of Vehicle Box body

Wheelbase 4325 mm

Maximum 5000 kg

total weight



Air cleaning system with integrated fumigation (filtration system according to HEPA H14).



The fully sealed patient compartment enables full disinfection following the treating of an infectious patient.

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

