



Making vehicles special

The WAS 500 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 EQUIPMENT

- 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
- Premier Hazard LED front flasher
- Siren Premier Hazard incl. public announcement
- 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
- Sliding door, right, 770 mm 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



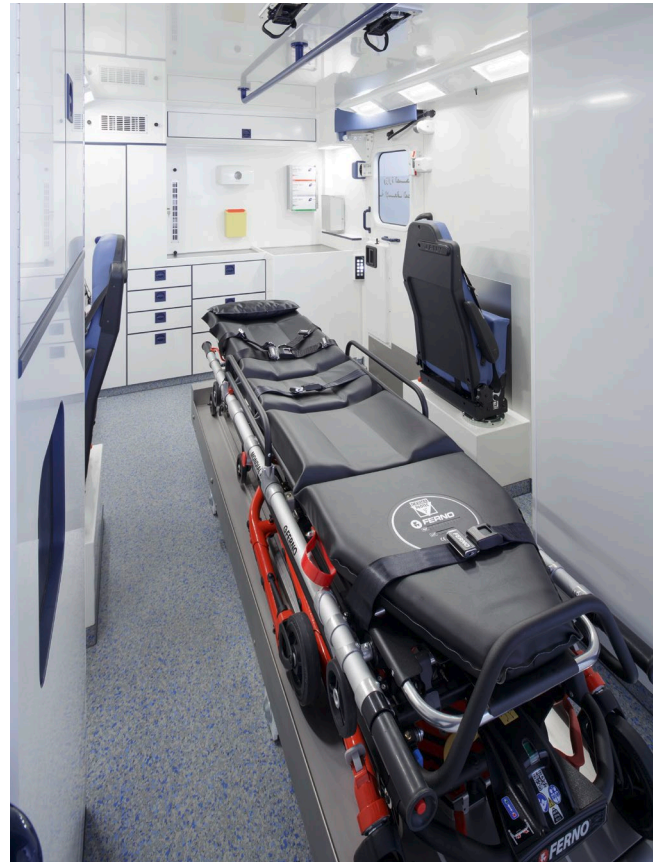
Spacious and ergonomic state of the art design facilitates the daily work.

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
- Permanently pressured and monitored patient compartment to avoid air born pathogens exiting the vehicle
- Built-in unit for fumigation and disinfection
- Fully sealed patient compartment interior
- Additional holders for medical equipment in a separate externally accessible stowage room



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.

INTERIOR EQUIPMENT

700 Watt inverter

10.5–15V duo voltmeter for two battery circuits

12/230V sockets

Intercom with cab

Hydraulic ambulance table WAS Hydropuls Comfort with Multi-Load Assist

2 attendant seats with integrated three-point seat belts

Additional option for mounting the technical medical equipment in the technology compartment

O₂ status display

Heavy duty drawers for technical medical equipment

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, internally accessible

Integrated LED work surface lighting

Touchpanel control for all functions

2 LED medical spotlights, operated via control panel

Trough-shaped work surfaces with stainless steel lining



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



Touchpanel to control all functions of the saloon.

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



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

DRIVER'S COMPARTMENT

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

Controls for the air-treatment system

Control indicators for lighting, warning system, open doors and touchpanel

Intercom with the patient compartment

Reversing camera

Charging technology, 230/12V electrics

SPECIAL FEATURES

Automatic climate control

Aluminium supply duct and mediboard inside

230V power supply during the journey, sine wave inverter 700W

BASE VEHICLE

Model Mercedes-Benz Sprinter

Vehicle Type 515 CDI 4x2

Engine power 110kW / 150hp

Fuel Diesel

Transmission Manual

Type of Vehicle Box body

Wheelbase 4325 mm

Maximum 5000 kg

total weight



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

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

