



Making vehicles special

Making Blue Lights Turn Green: The New WAS 500 Eco 3.5t Dual Crew Ambulance.



20% Reduction in Emission



20% Reduction in Fuel



Driving Recruitment



825Kg Payload

The new WAS 500 A+E TYPE B **3.5t**: Reduces CO₂ Emissions & Fuel Costs by 20 %.



The new WAS 500 Eco **3.5t** Dual Crew Ambulance operates with a GVW of 3500kg, this aids with the recruitment of young paramedics as the C1 licence is no longer needed. The ambulance operates with 750kg less weight than a UK national specification ambulance. This weight reduction delivers massive savings of up to 20% on emissions and fuel consumption, according to our Millbrook independent testing. And this will deliver savings of approximately 2,500 tonnes of CO₂ and £1.5 million in fuel savings per annum for a typical NHS front line fleet. We have achieved this without compromise as it includes a full set of medical equipment at 285kg and space for five people at 90kg, which exceeds the requirements of EN 1789 with a 825kg payload.

This design has been achieved by using a lightweight aluminium semi monocoque construction paying attention to every component fitted to the vehicle. The ambulance body is mounted to a Fiat AL-KO chassis, this provides further weight savings compared to a standard OEM chassis. The AL-KO chassis also provides a wheelbase of 3460mm which gives the vehicle an improved 11m turning circle, the current national specification ambulance only has a 13m turning circle.

EXTERIOR

- All windows available for integrated blinds or frosting/tinting options
- 4 LED scene lights
- 2 multifunctional air-dam mounted alley/puddle/blue lights
- 4 LED body flashing blues
- Front and rear latest generation LED warning lights and lightbars
- Multiple communications aerial layouts
- 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
- Next generation red LED crash lights fitted to rear facing door edges
- LED entry lighting
- 16 A automatic ejecting charging socket with LED charge indication

ENTRY SYSTEMS AND LOADING AIDS

- Low floor body enables easy access to the vehicle while reducing the risk of injury and VOR times
- Heavy duty WAS design, side sliding door
- Heavy duty rear doors and hinges 50/50 split
- Auto loading stretcher system to reduce muscular skeletal injuries, servicing costs and VOR

SPECIAL FEATURES

- Reducing CO₂ emissions and fuel by up to 20%
- Driven on a 'B' licence
- 825kg payload
- Low floor easy access
- 11m turning circle
- Auto loading stretcher system
- WAS easy remount box system
- 245mm more internal width than a Fiat van conversion
- Heavy duty doors and hinges
- R66 tested body construction

The new WAS 500 A+E TYPE B 3.5t: Driven on a B Licence.

INTERIOR

Increased internal width offers layout versatility, patient and operator comfort and an altogether more usable working area, 245mm more internal width than a Fiat van conversion
Saloon interior manufactured from a lightweight rigid PVC with high visibility edging, highly resistant to bacteria and disinfectant and free from organic material
Storage lockers for medical equipment to meet JR Calc and GEN requirements

RIGHT SIDE WALL

Side wall with tested fixation points for medical equipment and operator functions
Storage for ZX and HX size cylinders
Wall houses CD size cylinder brackets
Easily accessible heater housing compartment with outlet
Four large equipment lockers with tinted Perspex doors
Three set consumable tilt bin system
Medical board storage with easy access

LEFT SIDE WALL

Forward facing attendant's seat with three-point seat belt and the ability to swivel in the direction of the patient.
Positioned ergonomically for optimum patient care and paramedic safety
Two large equipment lockers with tinted Perspex doors
Side wall fully tested for mounting of medical equipment

FLOOR

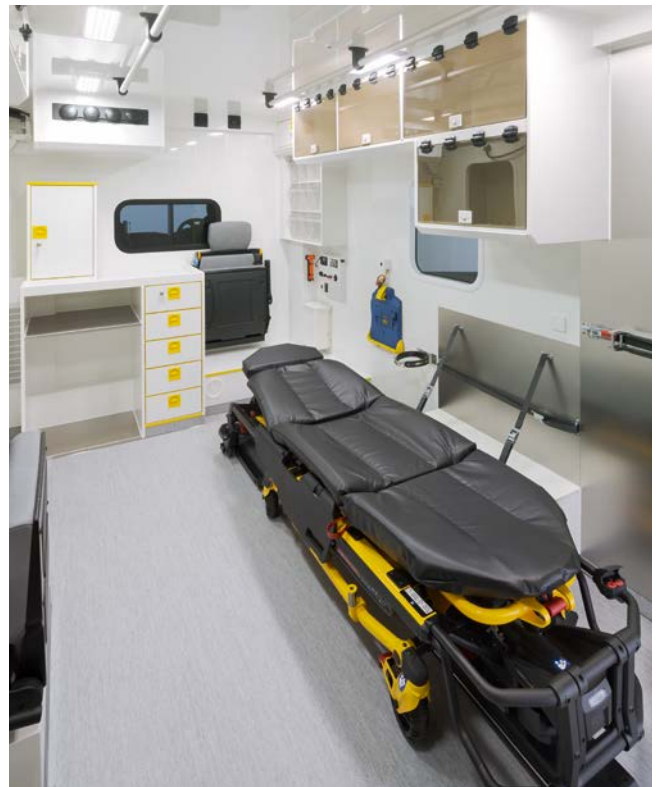
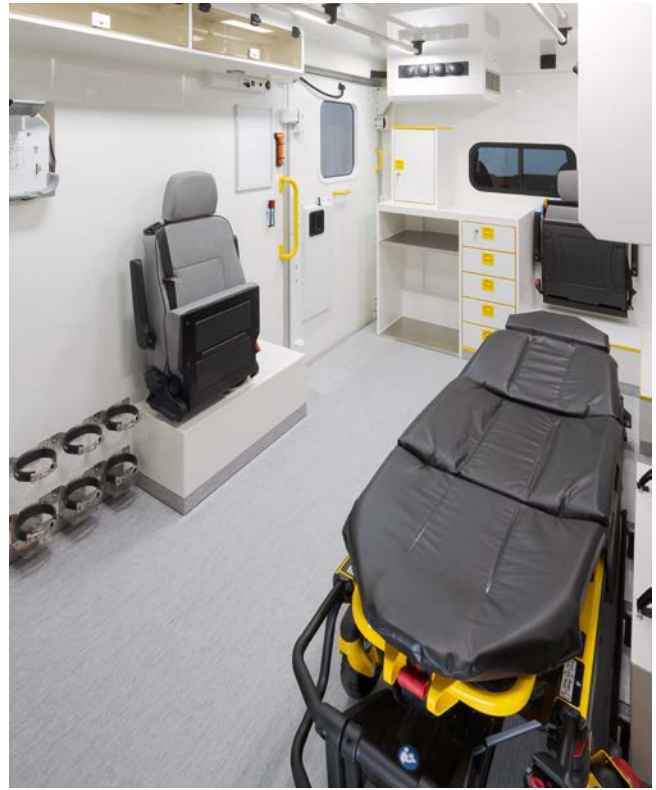
Auto loading stretcher transfer system
High visibility one-piece non-slip flooring integrated with side wall and cupboard via resin bonding

PARTITION WALL

Rear facing attendant's jump seat for increased access
Housing for air conditioning
Lockable compartment for POM's and drugs storage
Cabinet system to house response bags
Five draw system for medical consumables

CEILING

6 dimmable LED lights for lighting the patient compartment, with optional trauma function
Spotlighting above the patient
Multiple grab rails
Paramedic LED work light



Increased internal width offers layout versatility, patient and operator comfort and an altogether more usable working area.

The New WAS 500 A+E TYPE B 3.5t: Weight Reduction without Compromising Payload.



The auto loading stretcher system reduces muscular skeletal injuries, servicing costs and VOR.



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

DRIVER'S COMPARTMENT

Centre console for storage of PPE and documents
LED map lights

BASE VEHICLE

Model	Fiat Ducato
Type	2.3 Multi Jet H1 Euro 6
Gearbox	Manual
Type of vehicle	Box body
Wheel base	3460mm
Fuel	Diesel
Maximum total weight	3500kg
Licence category	B

BOX BODY

Model	WAS 500 3.5t Eco Modular Box
Internal dimensions	Length: 3225 mm
	Width: 2045 mm
	Height: 1980 mm
External dimensions	Length: 3295 mm
	Width: 2130 mm
	Height: 2185 mm
Doors	<ul style="list-style-type: none"> • Side sliding door giving access to response bags (width: 1255 mm) • 50/50 heavy duty dual rear doors opening and lockable to 270° on both sides

The equipment is an example and can be customized.

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