



Making vehicles special

Emergency Ambulance

The WAS 500 4x4 Ford F350.



WAS 500 4x4 Ford F350: Combination of Power and Detailed German Engineering.



SHORT DESCRIPTION

The new WAS 500 4x4 ambulance sets new standards worldwide. When conditions demand a vehicle that can go almost anywhere while carrying a full set of front line equipment, the new WAS 500 4x4 is the vehicle of choice. The combination of raw power and detailed German engineering especially against the background of ergonomics, safety, hygiene and patient handling creates an unique ambulance vehicle on the basis of the EN 1789 standard and beyond. The base vehicle is the powerful Ford F350 chassis with an diesel engine that has 8 cylinders, a displacement of 6.7 litres and a 10 speed automatic transmission. The WAS box body is adapted aerodynamically to the base vehicle and is made from heavy duty aircraft-industry technology.



Doctor's seat at the bulkhead with direct access to the patient.



Easy and quick access for the paramedic to the electromedical equipment.

EXTERIOR

Super hot country box body aluminium sandwich construction with extra polyester coating for keeping high visibility and avoiding dirt ingress

Wind deflector on the junction between base vehicle and box body for increasing aerodynamics

Rotating door on the right side with tinted window and integrated mechanical step

Latest LED scene lights and warning flashers all around for 360° high visibility

Two large rear entrance doors, to be opened for 270° for avoiding crashes in heavy traffic situations; doors also can stay open at 90° in narrow areas

Exterior compartment for oxygen cylinders on the rear left side

Exterior compartment for spine board, scoop stretcher and carrying chair

Rear view camera

Ford OEM AC system for drivers cab with own compressor; heavy duty AC system for patient saloon with own compressor completely separated from cab AC system

Solar fan, always in operation when the sun hits the outside fan surface and the AC system is not running; eliminates temperature peaks when the AC is not running or fails



INTERIOR

Bright LED illumination including blue trauma light

Stationary oxygen system

CAN-bus based computerized vehicle management; telemetry and RFID technology optionally available

230V sine wave converter

IV holder hooks, integrated in the ceiling

No dirt traps, all junctions sealed and no water ingress possible. All material in accordance with the EN 1789
Spacious interior furniture design including a doctor's seat, a side seating bench and a foldable rotating side seat

Anti slip floor covering, made from heavy duty vinyl



Place for further attendants on the right side. Storage space is below the seat.

WAS 500 4x4 Ford F350: One of the Safest 4x4 Ambulances.



SPECIAL FEATURES

The complete vehicle conversion is made from organic-free materials: no defects in the material, no germ formation

With its special material, box body construction and 2 independent air-conditioning units, the vehicle is perfectly adapted to hot countries

The single panels of the box body can easily be repaired. The complete box body can be exchanged and put on to a new chassis. This increases the life time of an ambulance unit and reduces the costs

Aerodynamic and streamlined box body in combination with a strong 8-cylinder engine

BOX BODY

Internal dimensions	Length	3677 mm
	Width	2086 mm
	Height	1980 mm

Vehicle overall dimensions	Length	7300 mm
	Width	2380 mm
	Height	2950 mm

The concept is transferable to other vehicle types. The equipment is an example and can be adapted to your requirement.

BASE VEHICLE

Model	Ford F350
Type	Chassis with dual rear wheels and ambulance prepack
Engine	Diesel
Engine power	1118 Nm / 330 hp
Transmission	10 speed automatic transmission
Wheel base	4292 mm
Maximum total weight	6350 kg



The rear doors can be fully opened so that they not protrude into the traffic and give the whole space for rear entrance.

