



WHEN IT COMES TO SAFETY YOU NEED A PARTNER

It is already 23 years since Emmert Fahrzeuge began dealing in the conversion and worldwide distribution of emergency rescue vehicles and ambulances.

We manufacture to EN1789 allowing us to guarantee our customers a good price to product ratio.

Working with our customers, we develop a vehicle that matches their personal requirements. Because only a customer-specific vehicle will guarantee them profitable and fruitful use of it over the long term.

WE ARE YOUR BEST CONTACT FOR:

- + Emergency Rescue Vehicles - with our RESCUE II and III models
- + Ambulances with our RESCUE I model
- + All kinds of conversions of commercial vehicles to special purpose vehicles such as busses, car transporters, mobile homes and VIP limousines.



INTERIOR TRIM AND QUALITY



BASIC CONVERSIONS IN EVERY RESCUE MODEL ARE:

- + Installation of basic electrics cabling;
- + Cavity sealing of the vehicle panel undersides and door insides;
- + Basic cabling installation of oxygen lines;
- + Mineral fibre insulation of door panels and 20mm foam rubber ceiling insulation;
- + Fitting of partition panel (if required), fitting of sliding window and frame;
- + Panel strengthening: Full aluminium underbody trim (2mm thickness on side panels);
- + Interior plastic panel trim for side panels and roof space;
- + Patient compartment floor of 18mm marine ply. A non-slip safety floor covering with side wall overlap is laid as a floor pan on top of the board;
- + Installation of lights in ceiling trim, operated from switch panel above sliding door;
- + Ceiling power supply unit: Module for eventual attachment of ECG and pulse oximery (SpO₂) leads etc; behind this two infusion valves for 2 infusion bottles each, roof fan with light, and grab rails;
- + Fitting of seat for doctor over LH wheel arch with high back, integrated headrest, 3-point security seatbelts, folding seat top swivel and tilt adjustable, installed over LH wheel arch;
- + Fitting of folding medic seat, mounted on partition panel module, with upholstered backrest and 2-point security seatbelts;
- + The furniture out of high quality boards have the following outstanding features:
 - + Not prone to moisture expansion resulting in good disinfectant retention
 - + Lighter than wood and also more robust (highly resistant)
 - + Reduce vibrations
 - + Fire resistant



AMBULANCE TABLE AND STRETCHER

- + Adjustable hydro-electrically (pneumatic) operated table support for stretchers (on RESCUE II and III models);
- + Continuously variable load height adjustment;
- + Examination table can be locked in any operating position;
- + Multistage parallel adjustment of stretcher support;
- + Upper part fully out of in polished blasted stainless steel;
- + Individual adjustment for suspension comfort if required;
- + Operator switch for adjustable table support on front cover of ceiling power supply system
- + A standard ambulance table (non hydro-electric / pneumatic on RESCUE I model) with holding construction from polished blasted stainless steel has a storage compartment for a folding scoop stretcher;

- + A wheeled stretcher that is flexible in use and works in every emergency situation is supplied as standard with our vehicles.
- + In the Rescue II und III model, the vacuum matrace/immobilisation units are installed in a separate high closet.
- + In the RESCUE I model the vacuum matrace is placed on the RH side near the stretcher. The unit is closed via an upward opening hinged cover lock.
- + Another stretcher can be included in the patient compartment. Securing tracks are fitted to the floor and a folding stretcher or wheelchair can be secured to them as required.



GENERAL CENTRAL ELECTRIC FACTS

- + Installation of a central electrics box on the partition panel between the driver's and front passenger seat; this is where the relay unit is housed, safe from impact and accidental touching labelling, as well as terminals for cabling and 12V fuses;
- + Installation of all switches for ambulance table and other consumer units of the patient compartment on front cover of ceiling power supply unit or on side panel; labelling of all switches;
- + Installation of all switches (and labels) in dashboard; warning lights for flashing blue light and sound system, Spotlight switches are near the back doors;
- + Installation of electronic 12V/15A charger with dynamic charge time preventing battery over load, and 12V battery monitor switch relays with starter alarm/audible warning signal to warn of starter failure resulting from discharged starter battery;
- + 3 x 230V interior sockets, individually fused (depending on model I, II or III)
- + 3 x 12V sockets (side panels and ceiling power supply unit);
- + Incubator socket in the ceiling power supply unit;
- + Emergency start switch;
- + Installation of electrical roof ventilator and extraction fan with integrated ceiling light;
- + Exterior lighting dependent on model;
- + Individual solutions for any of your injuries, needs and specifications;



EXTERIOR AND INTERIOR EQUIPMENT

- + Emergency sound system with 100 watt siren, blue lights to right and left with contrary motion rotating technology. Installation of flashing emergency lights of CAN BUS system;
- + Installation of 4 spot lights in exterior upper roof area operated from dashboard;
- + Installation of water heater and heat exchanger in patient compartment (controlled via thermostat);
- + Patient compartment air conditioning; connected up to vehicle platform air conditioning;
- + Installation of full oxygen leads, conduit protected, and Oxylog oxygen supply unit from Weinmann;
- + On-board oxygen system consists of 2 x 11 litre oxygen bottles (RESCUE II and III models);
- + Bar fenders and step giving vehicle entry support;

The storage and wardrobe units are individually tailored to the RESCUE I, RESCUE II and RESCUE III models. We would be happy to give you further details upon receiving your inquiry.

Models I, II, and III differ in following ways;

- + Vehicle platform and overall vehicle weight,
- + Room in vehicle, internal dimensions and scope for use of interior,
- + Number of storage units, ambulance table and stretcher,
- + Water supply,
- + Exterior and interior lighting,
- + Ease of integration of individual medical equipment items,
- + Number of oxygen 230 V sockets and 12 V sockets,
- + Emergency signal system,
- + Additional medical equipment items.



RESCUE I (AMBULANCE) is a compact model that shows good manoeuvrability in mastering road traffic conditions quickly and safely.

The optimum vehicle platform for the ambulance is a Volkswagen T5 and MB Sprinter with a minimum wheelbase of 3000mm and standard roof. On the other hand, models of other manufacturers, such as the **Mercedes Benz Vito, Toyota Hiace, Hyundai H1 or Ford Transit van** are suitable for conversion.

The storage unit system for RESCUE I consists of a unit for vacuum mattress, a storage unit for oxygen bottle holder, a shuttered unit, 2 shelves and 4 drawers. Two medic seats are also fitted. The ambulance table has a storage compartment for a folding scoop stretcher.



RESCUE II (EMERGENCY RESCUE VEHICLE) is a larger model. Its spacious interior gives greater scope in use than is the case of RESCUE I.

The high roof of the vehicle platform, the ceiling power supply unit, a larger number of oxygen, 230v and 12v sockets and storage areas, a chest, a cooler (Thermobox for 5-6 500 ml infusions), a used syringe container and an electric water tap enable greater scope in patient care. On this model the ambulance table is pneumatic.

This emergency rescue vehicle can be based on a **Volkswagen Crafter (van), Mercedes Benz Sprinter 3, Ford Transit** or other as vehicle platform. With its 3550mm minimum wheelbase and its high roof, the vehicle platform provides enough room for a comprehensive conversion. The vehicle has extensive storage capabilities for full levels of medicines and medical equipment. This means it can be used in the countryside or any emergency cases.



RESCUE III (EMERGENCY RESCUE VEHICLE) is the largest and most spacious model. With a height of up to 1.97m the interior provides plenty of headroom. The vehicle platform for this model is a **Volkswagen chassies or Mercedes Benz Sprinter box chassies**, with a van structure added. This is of aluminium sandwich sheet / construction.

This also gives unlimited storage capability. The pull-out unit with twist lock for consumables, the ampoules storage unit, the drawers, electric tap, oxygen storage unit and vacuum mattress unit are all included. On top of that there is an emergency chest. The emergency boxes can be taken out from outside via a door. The side door has a sliding window and the step has a protective covering. All round exterior and interior lighting enable long operations by medical staff. In line with standards in force, the RESCUE III is fitted out for 2 medi seats and a wheeled stretcher. It is however also possible to equip RESCUE III with 4 stretchers (2 stretcher supports on each side).

