BOX BODY EMERGENCY AMBULANCE
VERIFIED SAFETY

At Medicop, Safety is not Optional

Medicop LifeSaver Box Body ambulance vehicle is manufactured and equipped in full accordance with the strict EN 1789-2007 safety standard that vouches for the highest build quality of all the equipment in the vehicle.

LifeSaver Box Body ambulances are exposed to violent crash tests to validate the structural integrity and occupant protection levels in an actual collision. Crash tests evaluate complete vehicle conversion including seats, stretcher support system, interior equipment, fixing of medical devices and safety belt anchor points.

Impressive Results

LifeSaver Box Body vehicles have been successfully crash tested. After violent impacts, it was clear that the structural integrity of our ambulance had done its job. There was virtually no damage to the inside of the vehicle, and most importantly; the occupants remained securely belted in their seats.

More over! The accident statistics also make a clear statement: compared to rival products Medicop vehicles are at the top of the safety league.

ABOUT LIFESAVER BOX BODY AMBULANCE

The LifeSaver Box Body is Medicop state of the art, full size emergency ambulance, ideally tailored to the extreme requirements of rescue services. It features Medicop unmatched ergonomic and safety details that have set new standards in an industry where every detail matters.

Medicop LifeSaver Box Body offers a roomy interior for extensive medical equipment, an optimal ergonomic work environment and patient comfort. The generously dimensioned patient compartment allows maximum freedom of movement and easy access to medical instruments.
Robust and Lightweight Construction
• Provides good agility and best driving performance on any terrain
• Fully CAD designed throughout the entire project planning stages

Integrated Blue-Light System
• Ensures the vehicle’s aerodynamic shape
• Standalone lighting control
• Ultimate visibility in traffic in all weather conditions
• Long service life
• Very reliable
• Use of high-pressure systems for vehicle washing is permitted
• Allows maintenance from outside the vehicle easily and quickly
• Maximizes electrical energy savings
• Preset warning signaling: daily mode, night mode, fog mode

Improved Aerodynamics
• Aerodynamic, lightweight and high strength roof structure
• Significant progress in reducing the aerodynamic drag
• Decreased vortex flow
• Better vehicle stability during cornering and in case of cross-winds
• Lower fuel consumption at high speeds
• Reduced wind noise inside vehicle
**Additional Lights for Increased Visibility**
- LED working floodlights on the right and left side
- LED working floodlights at the rear
- LED tail lights
- LED power flash in the roof front area
- LED front flasher in the radiator grille

**Attractive and Functional Exterior Fittings**
- Plastic skirt system made of high strength plastic elements for effective side protection in the event of side impact
- Additional tinted windows
- Installed parking sensor system
- Installed reversing camera
- Reflective inscriptions, stripes and logos as per customer request

**INTERIOR FEATURES & ADVANTAGES**
- Ensures effective communication
- Facilitates effective hygiene and infection control
- Maximizes equipment usability and compatibility
- Humanizes the patient experience
- Inside / outside access for first aid medical equipment

**Ergonomic Engineering and Optimal Use of Space**
- Ensures safe and effective access and exit
- Improved working space and layout - paramedics can stand and walk easily in the ambulance (front, back and around the patient)
- Effectively secures people and equipment in transit
Patient Compartment

- Securely fastened cabinet shelves eliminate shifting and noise
- Light, strong and durable recyclable plastics for interior paneling
- Rounded edges reduce the risk of injury
- Smooth surfaces help reduce infections, speed up the cleaning process and resist abrasion
- Roomy partition cupboards offer numerous compartments
- Antibacterial, washable, nonslip floor coating
- Floor construction delivers a quiet ride
- Noise and heat isolation
- All openings (doors, windows) have seals to protect against the ingress of water

- Each external door of the patient’s compartment is fitted with a security system which enables to lock and unlock from inside and outside without use of a key, and to unlock from outside using a key when the door is locked from the inside
- Windows are positioned and screened to ensure patient’s privacy when required
- Air control system with improved circulation enables efficient heating, cooling, air exchange, and electronic temperature control
- Pull-out ampoule drawer with lock
- Handles for the medical staff and patient
- Compressor cooling compartment
- Warming compartment

- 12 V DC outlet and 230 V AC outlet, 12 V / 230 V inverter
- Trash, sharp and infectious waste compartment
- Internal communication system

Electrical System

- Circuit board with CAN bus technology
- High performance central electronics system controls all power lines and consumers
- Enables fast system operation and reliable communication among electronic control units in the vehicle
- Controls and regulates the lighting, air conditioning, temperature and the stretcher platform
- Service & Maintain access provided

Touch-Sensitive Control

- Touch panels marked by pictograms for simple and intuitive operation
- Background illumination of individual functions shows whether a selected function is active
- Easily cleanable and sterilizable panels
- Low installation costs and easy maintenance
- Better reliability and accuracy

Optimal Ambient Lighting

- Luminous row for ambient lighting
- Equipped with the advanced blue-light LED technology
- Helps patients and personnel for the orientation in the vehicle
- Provides a relaxed atmosphere
Ceiling Supply Console
- Circular handrail
- Deep-drawn slot for oxygen elements
- Roof delivery pipes for supply above the patient
- Infusion holders
- Connectors for ECG

Oxygen System
- Graphical low pressure warning system
- Automatic switch from empty to full cylinder with audible warning
- Inside / outside access for oxygen cylinders
- Service & Maintain access provided

Driver’s Cab
- Ergonomic equipment arrangement
- Central panel with space for radio, communications equipment, phone, navigation etc.
- Advanced central control panel with the following range of functions: signal system, working floodlights, interior lighting of patient compartment, emergency start circuit, air suspension, auxiliary heating, discharge indicator of the 2nd battery, red LED indicator for active 230 V feed
- Siren, controllable by the driver, with multimode functions
- Control video system of patient compartment

CUSTOMIZATION
In addition to our standard configurations, we offer you total customization to accommodate any special equipment or protocol requirements. Patient compartment interiors, medical equipment, information technology and external designs can be customized to suit your needs and unique specifications. Optionally a vehicle tracking system and equipment for dispatch centre communication can be built in.

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>LifeSaver Box Body</th>
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<tbody>
<tr>
<td>Ambulance Type</td>
<td>Emergency Ambulance Type B</td>
</tr>
<tr>
<td>Basic Vehicle</td>
<td>Volkswagen T5 Chassis Cab</td>
</tr>
<tr>
<td>Engine Rating</td>
<td>Bi-Turbo diesel, 2000 ccm, 180HP</td>
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<tr>
<td>Gearbox</td>
<td>Manual / Automatic</td>
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<tr>
<td>Wheelbase</td>
<td>3400 mm</td>
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<tr>
<td>Empty Weight</td>
<td>2800 kg</td>
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<tr>
<td>Maximum Permitted Laden Weight</td>
<td>3500 kg</td>
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<tr>
<td>External Dimensions</td>
<td>Length 5560 mm / Width 2100 mm / Height 2620 mm</td>
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<tr>
<td>Internal Dimensions</td>
<td>Length 2940 mm / Width 1960 mm / Height 1870 mm</td>
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<tr>
<td>Doors</td>
<td>Double rear doors, open to 90° &amp; 180°</td>
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<tr>
<td>Hinged wide side door</td>
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The information, descriptions and graphics contained in this brochure represent the status as per date printing. Specifications and descriptions as well as scope are equipment-specific and may vary. The shown vehicles and interior furnishings are informative and symbolic. For current and more specific information in relation to the range of models, features, optional extras and/or colours available and their pricing, you should contact Medicop representatives.