

VOLVO

Ambulance



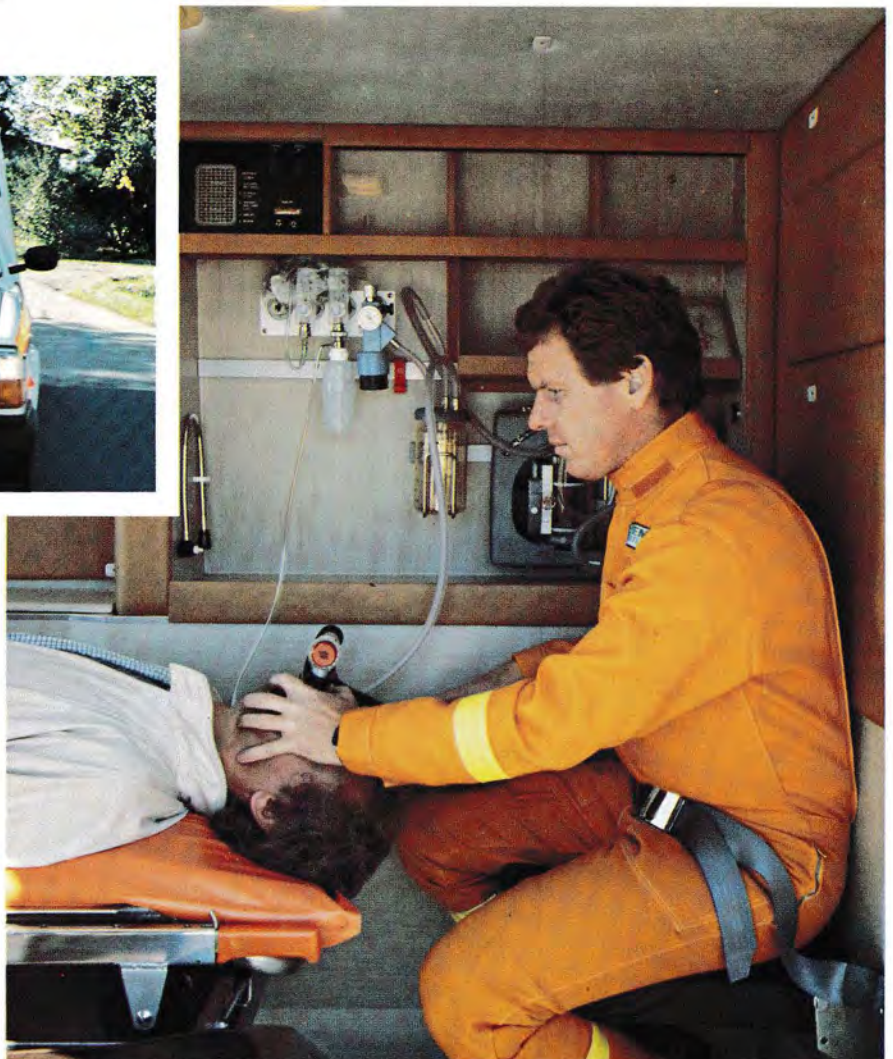
**Mobile medical
attention.**

When a life hangs

A person who is critically ill or badly hurt needs more than fast, safe transport to hospital. Experience has shown that on-the-spot medical attention backed up by continued attention during the journey to hospital can save many lives that would otherwise have been lost. Awareness of this has led to improved in-ambulance medical resources. On Volvo's part, it has meant developments resulting in the closer integration of ambulance design and medical requirements.

The Volvo ambulance is the result of collaboration with hospital and ambulance personnel.

Collaboration with doctors and ambulance personnel has been of decisive importance in the development of the Volvo ambulance's functions regarding medical attention. This enables the Volvo ambulance to serve as an extension of the hospital. The ambulance personnel can carry out their vital medical tasks in a patient area that is both roomy and well-planned.



in the balance...

The medicine cupboard provides plenty of room for various types of medical equipment which can be positioned and re-positioned thanks to an adjustable sliding system.

Easy-to-clean surfaces in the patient area facilitate the maintenance of high standards of hygiene. Ventilation, too, plays an important part regarding hygiene. The air in the Volvo ambulance is changed continuously – with obvious benefits for both the patient and personnel. The fresh air controls can be adjusted from the cab and the patient area.

The Volvo ambulance's side door is extra high and wide. This facilitates entry and exit for the personnel and also offers an emergency exit in the event of the ambulance being run into from behind.

The Volvo ambulance provides the driver with the same high standards of comfort as our passenger cars. There is plenty of leg room. The instruments are easy to see and the controls are easy to reach.

We also called in doctors when we developed the perfect driving seat.

Ambulance drivers often drive for long stretches. This puts a lot of strain on the back. That is why a driving seat like the Volvo seat – developed in collaboration with medical experts – is necessary. The Volvo seat saves the back and makes driving more comfortable. A correct driving posture means less strain and reduces fatigue. And a rested driver. This is a must for safe driving. The Volvo seat is adjustable to almost every driver's driving position and has all of nine different height and angle combinations. Plus a unique lumbar support.

Emergency work is tough. The Volvo ambulance can take it.

Volvo's designers have developed the perfect working vehicle in the Volvo ambulance. It is constructed to stand the heavy strain of tough emergency work. It is built to ensure the safety of the patient, attendant and driver in today's traffic conditions.

The cab is enclosed by Volvo's famous safety cage which is built of strong steel girders. The doors have built-in steel tubes to protect against side swipes. The wall between the cab and the patient area is also constructed of steel. The Volvo ambulance offers further protection in the form of a deformation zone design, which absorbs impact forces, at the front of the vehicle. The steering wheel, too, is impact-absorbing and the steering column gives way in successive stages in the event of a collision.



The instrumentation is easy to see and the controls are easy to reach.



The seat's height and angle are individually adjustable to suit most requirements.

The range of medical equipment Ambulance can be suited

The Volvo ambulance has a well-planned patient area thanks to the design stage involvement of hospital and ambulance personnel. Medical equipment specifications are market adapted.



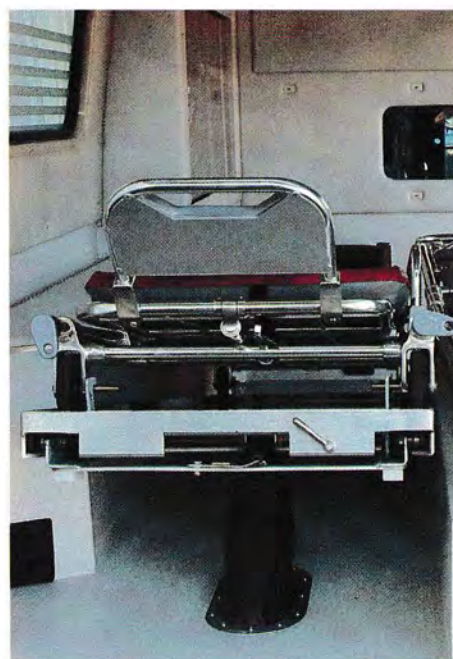
The body design was developed to provide built-in safety.



The patient area is roomy. This makes it easier to fit various types of equipment and easier to keep clean.



The well-planned patient area has room for a main stretcher plus a reserve.

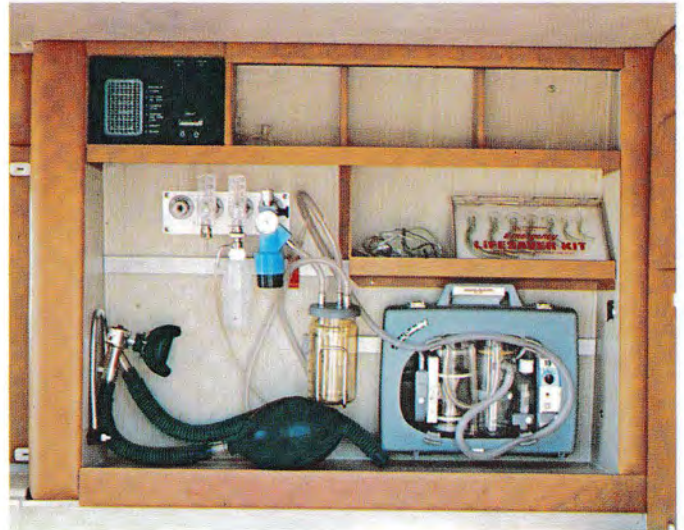


Pneumatic stretcher manoeuvring offers optimal comfort for patients in shock. Mechanical manoeuvre function is also available as an alternative.

Equipment in the Volvo adapted to local requirements.



The wide side door facilitates entry and exit for the personnel. It can also be used as an emergency exit in the event of the ambulance being run into from behind.



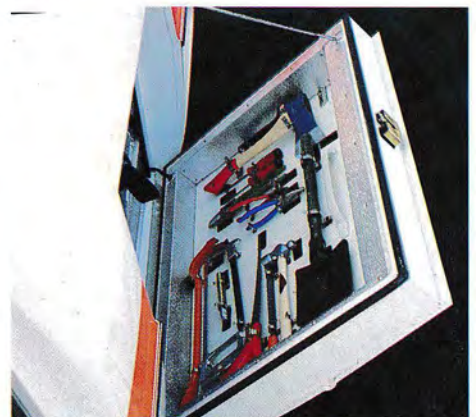
The medicine cupboard provides plenty of room for various types of medical equipment which can be positioned and re-positioned thanks to an adjustable sliding system.



The functional and comfortable attendant's seat comes with a high back as well as a built-in head restraint for extra safety. The seat, which folds down, also comes fitted with an inertia reel seat belt.



The extra stretcher is easily accessible from outside.



The side compartment can be used for tools, etc. (Tools not included.)

Internationally adapted.

The basic version of the Volvo ambulance can, of course, be constructed or adapted to various market require-



ments by fitting rotating lights of special types and colours, special sirens, paintwork, etc.



The Volvo ambulance in a Swedish version.

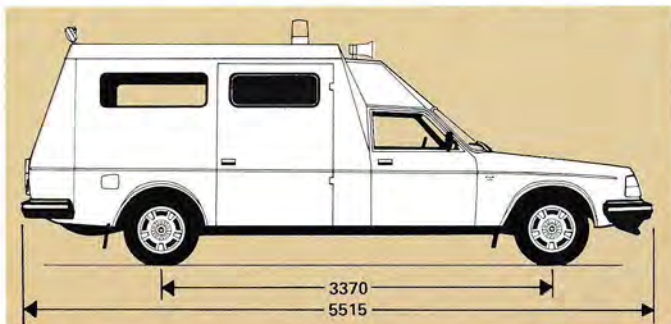


The Volvo ambulance in an Italian version.



The Volvo ambulance in a Norwegian version.

Technical Data on Volvo's Ambulance.



Dimensions and weights:	Total length	5515 mm
	Total width	1700 mm
	Total height	1944 mm
	Wheel base	3370 mm
	Gross weight	2220 kg

Warranty: Twelve months, irrespective of mileage.

Engine:	B28E, 6 cylinder petrol engine, 114 kW (155 hp) DIN at 5500 rpm.
Electrical system:	Alternator 70A. Battery 84 Ah.
Transmission:	Fully synchronized, four speed manual gearbox or 3-stage automatic gearbox.
Steering:	Servo steering. Rack and pinion. Safety type telescopic steering column. 4.3 turns from lock to lock.
Suspension:	Springs struts at front. Live rear axle carried in longitudinal, rubber mounted control arms and torque arms. Transverse location by track rods. Reinforced coil springs, shock absorbers and stabilizers front and rear.
Brake system:	Triangle-split, dual circuit. Discs all round, ventilated on front wheels.
Wheels and tyres:	185 SR-R 14's on reinforced 5.5 J-14" rims.
Fuel tank:	Capacity 60 litres. Safety location beside rear axle.
Exterior:	Tinted glass. Options: Siren, rotating blue lamps, adjustable spotlights.
Interior:	Cab: Reinforced, fold-forward driver and passenger seats. Storage compartment in both front doors. Blue fabric/vinyl upholstery. Patient area: Main stretcher, reserve stretcher, drop-down seat on bulkhead wall. Folding seat at side of stretcher. Patient area ventilation and roof lighting can be controlled from both the cab and patient area.

Patient area dimensions:

Description	Measurement taken	mm
Length	150 mm above stretcher rest	2550
Width of stretcher rest	150 mm above stretcher rest. Measured above rear axle.	1240
Roof to floor height in space between bulkhead and stretcher	Possible protrudence of prop shaft tunnel, etc. not included.	1630
Height between stretcher rest and roof	Directly above rear axle	1300
Distance between bulkhead and stretcher	150 mm above stretcher rest	660
Rear door aperture height		1160
Rear door aperture width		1260
Loading height for stretcher	Max 750 mm	670
Attendant floor well depth		540
Patient area, total width		1400
Side door aperture, width		930
Side door aperture, height		1300
Bulkhead window		500 × 250 mm

The factory reserves the right to make changes at any time, without prior notice, to specifications and equipment.

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