

VOLVO AMBULANCE



The completely new Volvo ambulance is based on the same design as the Volvo 145. The height and length of the body, however, have been considerably increased in order to provide a spacious and functional interior. The right-hand rear door extends into the raised roof in order to facilitate rapid entry and exit for ambulance personnel. The entire patient accommoda-

tion area is light and airy with plenty of room. Smooth surfaces of easily cleaned material. The new, deeper bumpers with rubber mouldings are characteristics of the Volvo models this year. Other safety improvements include a new telescopic type steering shaft. The front side-windows are of one-piece design and the doors have been reinforced by means of

welded steel frames. The Volvo 145 Ambulance is also fitted with extra reinforced springs and shock absorbers. And extra powerful disc brakes all round. The B 20E engine with the new CI fuel injection system develops 135 h.p. SAE. A robust and dependable engine with the right performance for emergency situations.



The patient accommodation in the Volvo 145 is spacious and well-equipped. The headroom in front of the stretcher is as much as 157 cm. Light panel surfaces of durable and easily cleaned material. All-welded plastic floor with two draining channels. The robust main stretcher has an adjustable slide and can be set in various positions – from heart patient position to shock position. In front of the main stretcher there is a storage cabinet with glass windows. And under the left-hand folding seat there is room for two five-litre oxygen bottles. The partition wall behind the driving seat has sliding panels. A hyper-efficient heating and ventilation system with two air outlets at the floor, and also a strong intake and evacuation fan in the roof are standard. Above the driving seat there is storage accommodation with a lid.



The spare wheel is located inside the left-hand rear door. Easily accessible from outside and completely separated from the patient area. In the door panels there is a compartment for tools and equipment. In a retainer in front of the spare wheel there is a waste bin for used medical material, etc.

The roof lighting is built into the hyper-efficient intake and evacuation fan in the centre of the roof. Furthermore, there is a lighting fitting located on the left above the forward part of the main stretcher.



The folding extra stretcher is stored in an easily accessible location. The right-hand seat for personnel folds down and

provides a support for the two telescopic rails on the extra stretcher which can easily be slid out.



The seat for ambulance personnel to the right of the main stretcher is fitted with a safety belt and can be adjusted to two

positions. In the forward part of the ambulance accommodation there are also two folding seats.

Data

Engine

Type B 20E, 135 h.p. SAE at 6000 r.p.m. Engine alternatives are the B 20A, 90 h.p. SAE the B 20B, 118 h.p. SAE, or the B 20F, 125 h.p. SAE.

Cooling system

Sealed, with anti-freeze. Volume approx. 9.4 litres.

Electrical equipment

Alternator, 35 A – 490 W. Voltage 12 V. 55 A on B 20E engine.

Gearbox

Four-speed fully synchronized with floor gear lever. Fully automatic transmission optional.

Steering system

Safety type steering wheel with split telescopic type steering shaft.

Body

All-welded, integral construction steel body. Closed box profiles round all body openings.

Brakes

Dual-circuit, triangle-split brake system. Extra robust disc brakes all round. Power assistance.

Tyres

Reinforced radial tyres, type 175 SR 15 R.

Fuel tank

Capacity 60 litres.

Heating and ventilation system

Thermostat-controlled with extra large capacity. Four nozzles with variable directions on the dashboard distribute the stream of air evenly throughout the compartment. Two inlets and an extra unit distribute air to the patient accommodation.

Other equipment

Three-point safety belts on front seats. Electric wipers and washers on windscreen and rear window. Laminated glass in windscreen. Halogen headlights.

Dimensions.

Patient accommodation:	253.5 cm
Width at stretcher level:	120 cm
Headroom, stretcher roof:	120 cm
Headroom in front of stretcher:	157 cm

For further information see the brochure for the Volvo 140 Series.

The factory reserves the right to modify design and equipment without previous notice.

VOLVO

AB VOLVO GÖTEBORG SWEDEN