

# **VOLVO** 245 Ambulances



Volvo 245 ambulance-type vehicles are available in three different versions and they share the fundamental design of the Volvo 245 Station Wagon. Largest of the range, the Volvo 245 Ambulance is considerably higher and longer, using an extended wheelbase. The road springs and shock absorbers are of special heavy-duty type. The Volvo 245 Mini-ambulance is, as standard, supplied with a lifted roof line for greater head-room inside the vehicle. The Volvo 245 Hospital Transport Vehicle is similar in design but is not as

extensively equipped. This vehicle is extremely versatile, being easily changed for the transportation of people or goods.

The Volvo ambulances represent a safe and convenient place of work. Salient features include extremely good road holding, due to the spring strut type stabilised front suspension and the very stable design of the rear suspension with heavy duty springs. The rack and pinion steering gives excellent precision and very quick response. The dual-circuit triangle-split brake system features

brake pipes of copper-alloy. This power assisted all-disc braking system also has built-in relief valves for the rear wheels. The driver and passengers sit protected within an immensely strong safety cage of heavy steel profiles. The safety steering column is of two-part type and incorporates a collapse section. The steering wheel itself is specially designed to crumple up under heavy impact. Serving the driver is a well-planned system of warning and reminder lights which include tell-tales for brake circuit failure and bulb failure.

# Volvo 245 Mini-ambulance

The Volvo 245 Mini-ambulance is available in two versions – one with an elevated roofline and one of standard height. These two models are almost identically equipped, the same versatile stretcher equipment incorporating a wide range of adjustments being used, but the elevated roof model can be fitted with an extra folding stretcher. The interior of both is

light and airy, durable and attractive materials being used throughout. The partition separating the patient area from the driving area incorporates a sliding glass window. The attendant's seat can be folded and is fitted with a safety belt. The windows of the patient area have strip-frosted glass for privacy. The very efficient heating and ventilation system includes an

extra heating unit for the patient area and a roof ventilator. The Volvo 245 Mini-ambulance is powered by a 2.0 litre engine developing 82 hp DIN and it has a four-speed manual gearbox. This is the ideal hospital services vehicle combining excellent reliability with good performance and long service life.

*An extra folding stretcher can be fitted behind the attendant's seat in the elevated roof version of the Mini-ambulance.*



*Patient area of Volvo 245 Hospital Transport Vehicle.*

# Volvo 245 Hospital Transport Vehicle

The versatility of the Volvo 245 Hospital Transport Vehicle enables it to be used for either the transportation of patients to or from the hospital, or as a van for general transportation purposes. The change from patient carrier to goods carrier is achieved quickly and easily. In the first case, the right-hand side of the two-part rear seat is folded down, quickly and conveniently, and the stretch-

er is then mounted on the very robust aluminium glide rail. The left-hand side of the rear seat serves as the attendant's seat. Handling the stretcher is considerably simplified by the removable stretcher support which fits into the tailgate aperture. The entire interior is comfortably upholstered and easily cleaned. The front seats are upholstered in cloth with vinyl trim. The rear seat and door

panels are upholstered in vinyl. Removing the stretcher equipment gives an entirely flat cargo area which is 188 cm/74 in. long and 116 cm/53.2 in. wide. The tailgate aperture is 78 cm/32.9 in. high. As standard the Volvo 245 Hospital Transport Vehicle is powered by the 2.0 litre engine which has an output of 82 hp DIN.



## Volvo 245 Ambulance

The long-wheelbase version of the Volvo 245 Ambulance offers much greater headroom and length which gives a very spacious and functional patient area. The right-hand rear side door extends upwards into the elevated roof-line, thereby simplifying entry and exit. Headroom, forward of the stretcher, is no less than 157 cm/61.75 in. There are storage compartments in abundance and plenty of space for the types of equipment these vehicles require. All the interior surfaces are clad in

hard-wearing, easily cleaned materials in attractive colours. The stretcher is light, weighing only 15 kg, and very strong. It is adjustable for heart patients and also shock cases. The attendant's seat beside the stretcher can be folded down and incorporates a head restraint and a safety belt. In addition, there is a wall-mounted folding seat forward of the stretcher. The very efficient heating and ventilation system has three outlets in the patient area and a powerful, reversible-action ventilation fan in the roof.

The Volvo 245 Ambulance is powered by Volvo's 2.1 litre overhead camshaft engine which has a CI fuel injection system. Its output of 123 hp DIN (90 kW DIN) provides ample performance for all situations.



*The attendant's seat beside the stretcher can be moved fore-aft to suit the type of patient. The front section of the elevated roof incorporates a lockable storage compartment. Another compartment inside the left-hand rear door provides room for extra equipment.*



## DATA

### Volvo 245 Ambulance



#### Engine

4-cylinder water-cooled, 2.1 litre engine with aluminium alloy cross-flow cylinder head and overhead camshaft. CI fuel injection system.

Max output hp at r/m DIN . . . 123/5,500  
Max output kW at r/s DIN . . . . . 90/92

#### Cooling system

Sealed, frost proofed.

Capacity . . . . . 9.5 litres/2.1 Imp. galls.

#### Electrical system

Battery . . . . . 12 V/60 Ah

Alternator rating . . . . . 55 A

#### Transmissions

Fully synchronised 4-speed manual gearbox. Automatic transmission optional.

#### Suspension

Front: spring strut type with stabiliser. Rear: live, carried in longitudinal rubber-mounted control arms and torque rods. Transverse location by rubber-mounted track rod. Telescopic shock absorbers and coil springs.

#### Wheels and tyres

Reinforced steel braced radial ply tyres, dimension 185 SR 14 on 5.5 J-14" rims.

#### Braking system

Triangle-split, dual-circuit system. Power assisted with disc brakes all round, front discs ventilated.

#### Fuel tank

Safety location immediately behind rear axle, under floor.

Capacity . . . . . 60 litres/13.2 Imp. galls.

#### Heating and ventilation system

Large capacity, thermostatically controlled system with four adjustable nozzles on the dashboard giving ideal spread of heat or ventilation. Two nozzles and an extra heater in the patient area. Reversible action ventilation fan in roof.

#### Other standard equipment

Three-point inertia reel front safety belts. Electrical washers and wipers for windscreen and tailgate window and also for halogen headlights.

#### Dimensions, patient area

Length . . . . . 2535 mm/99.9 in.  
Width, stretcher height . 1200 mm/47.2 in.  
Headroom above stretcher 930 mm/36.6 in.  
Headroom forward  
of stretcher . . . . . 1570 mm/61.8 in.

#### Weight

Overall weight . . . . . 2150 kg/4741 lb.

### Volvo 245 Mini-ambulance



#### Engine

4-cylinder water cooled 2.0 litres.

Max output hp at r/m DIN . . . . . 82/4700

Max output kW at r/s DIN . . . . . 60/78

#### Cooling system

Sealed, frost-proofed.

Capacity . . . . . 9.3 litres/2.05 Imp. galls.

#### Electrical system

Battery . . . . . 12 V/60 Ah

Alternator rating . . . . . 55 A

#### Transmissions

Fully synchronised 4-speed manual gearbox. Automatic transmission optional.

#### Suspension

Front: spring strut type with stabiliser. Rear: live, carried in longitudinal rubber-mounted control arms and torque rods. Transverse location by rubber-mounted track rod. Telescopic shock absorbers and coil springs.

#### Wheels and tyres

Steel braced radial ply tyres, dimension 185 SR 14 on 5.5 J-14" rims.

#### Braking system

Triangle-split, dual-circuit brake system. Power assisted with disc brakes all round, front discs ventilated.

#### Fuel tank

Safety location immediately behind rear axle, under floor.

Capacity . . . . . 60 litres/13.2 Imp. galls.

#### Heating and ventilation system

Large capacity, thermostatically controlled system with four adjustable nozzles on the dashboard giving ideal spread of heat or ventilation. Two nozzles and an extra heater in the patient area. Ventilator in roof.

#### Other standard equipment

Three-point inertia reel front safety belts. Electrical washers and wipers for windscreen and tailgate window and also for halogen headlights.

#### Dimensions, patient area – lifted roof line model

Length . . . . . 1880 mm/74 in.  
Width, stretcher height . . 1040 mm/41 in.  
Headroom above stretcher 740 mm/29.1 in.

#### Weight

Overall weight . . . . . 1900 kg/4189 lb.

### Volvo 245 Hospital Transport Vehicle



Same specifications as Mini-ambulance with the following exceptions:

The patient area is equipped with an extra fan to improve heating and ventilation. This model is not fitted with the extra heater or roof-mounted ventilator.

Headroom above stretcher 570 mm/22.4 in.

For further information please refer to the Volvo 245 Station Wagon brochure.

*The factory reserves the right to make changes at any time, without notice, to prices, colours, materials, equipment, specifications and models and also to discontinue models.*

**VOLVO**  
AB VOLVO GÖTEBORG