



**VOLVO**

# Volvo B12 Coach

## Chassis

Engines	TD122FL	TD122FH
Output kW (hp) ISO 1585	291 (396)	262(356)
at r/s (r/m)	34 (2050)	32(1900)
Torque Nm (kpm)	1665 (170)	1550(158)
at r/s (r/m)	20 (1200)	20 (1200)

### Gearbox Volvo G7-EGS. (Easy-Gear Shift)

Mechanical 7 speed fully synchronized

### Final drive Volvo RAEV90

Single reduction of hypoid type.

Final drive ratio 3.10:1. (Max. speed 127 km/h).

### Brakes

Compressed air brakes complying with EEC regulations.

Individual circuits for front and rear wheels.

Z-cam type. Air dryer. Aut. slack adjusters. ABS

Width of brake linings;	front	200 mm
	rear	225 mm

### Retarder

Hydraulic Voith retarder.

### Steering

Power steering of ball-and-nut type.

Approx 4,7 turns lock-to-lock.

Max. inner wheel angle 51° with 295/80 tyres.

### Suspension

Full air suspension of rolling diaphragm type. The bellows are positioned outboard from the vehicle centre.

Anti-roll bars both front and rear.

Double-acting hydraulic telescopic shock absorbers, 4 front and 4 rear.

### Wheel equipment

Steel disc wheels retained by 10 bolts. Twin rear wheels.

Rim sizes 8,25-22,5" steel or aluminium

Tyre size 295/80R22,5

### Fuel tank

Mounted above front axle. Capacity 400 l.

### Other equipment

180 A alternator and 220Ah batteries.

Low driving position (FPL-L).

## Body

### Berkhof

#### Excellence 2000 HL

#### Construction

Hot-rolled steel box profile, electrically welded.

#### Outer panels

Outer panels of galvanized sheet steel.

Side hatches in aluminium.

#### Glazing

Front windows in laminated glass.

Side and rear windows in tinted glass.

#### Seats

51 passenger seats with adjustable backrests and armrests. 1 guide seat.

#### Doors

Own design using Wegmann components.

#### Air conditioning

Full air conditioning (Sütrak).

#### Other equipment

Sleeping compartment. Two tables.

Refrigerator and coffee machine.

Magazine nets and folding tables on backrests. Footrests.

Toilet. Central locking.

#### \* New items \*

- New front

- New headlamps

- New grille

- New bumpers

Rear lights integrated in rear engine flap.

Vertical opening side flaps.

Skibox above rear axle.

Toilet compartment in fibreglass.

Air conditioning also on defroster.

Driver's sleeping compartment in front of front axle.

New fire retardant interior finish.

New design of moquette on seats.

Grammer driver's seat.

## Data

#### Measurements and weights

Wheelbase	6000 mm
Front overhang	2600 mm
Rear overhang	3400 mm
Length	12000 mm
Width	2500 mm
Height	3700 mm
Max. front axle load	7100 kgs
Max. rear axle load	12000 kgs
GVW	18000 kgs
Luggage compartment (gross)	12 m <sup>3</sup>

