



Volvo Buses. Driving quality of life

# VOLVO 9700

Dependability by design.



## GENERAL SPECIFICATION

### Motor

Volvo D13 w/SCR 13L-435 hp Diesel Engine, 6 cylinders, torque of 1650 lb. ft. (2250 NM) at 1100 rpm, EPA OBD16 environmental compliant

### Transmission

- Volvo I-Shift transmission
- 12-speed semi-automatic
- Easy to use shiftpad
- XE (Extreme Efficiency) package for US market (with 425hp and special SW)
- Optional Allison automatic transmission

### Cooling System

Lateral radiator with hydraulic fan drive controlled by Electronic Control Module (ECM)

### Safety

- Electronic Stability Program (ESP)
- Front Underrun Protection (FUP)
- Front Impact Protection (FIP)
- Engine compartment fire suppression system (EFSS)
- Tire Pressure Monitoring System (TPMS)
- Rollover testing R66 compliant

### Fuel

210 gallons (800 L) fuel tank

### Gross Vehicle Weight Rating

Total capacity 49,400 lb. (22,407 kg.)

### Front Axle

Capacity of 16,500 lb. (7,484 kg.)

### Rear Axles

- Capacity of 32,900 lb. (14,923 kg.)
- Standard gear ratio of 2.64:1

### Tires and Wheels

- Michelin tires 315/80R22.5 with 9-inch wheels
- Steel wheels

### Suspension/Steering

- Electronically controlled pneumatic
- Auto-leveling suspension
- 2 air springs on front axle, 4 on drive axle and 2 on tag axle
- 2 shock absorbers and a sway bar at each axle
- Power steering, 50-degree maximum angle
- 18-inch (450 mm) steering wheel diameter
- Steering damper; Cruise control wand

### Braking System

- All-wheel disc brakes with antilock braking system (ABS) with double circuitry
- Visual wear indication
- Electronic Braking System 5th generation (EBS)

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## BODY CONSTRUCTION

### Dimensions

Height: 12' 1" (3.67 meters)

Width: 8' 6" (2.59 meters)

Length: 45' (13.7 meters)

### Structure

Stainless steel (type: 3CR12)

### Outer Shell

Stainless steel and aluminum

### Luggage Compartments

- Underfloor luggage compartment volume of 411 cu. ft. (11.4 cu. meters)
- Pantograph-type luggage compartment doors with low force closing, central pneumatic locking system
- Linoleum-carpeted luggage floor compartment

### Windows

- Two-piece windshield
- Tinted thermopane side windows

### Exterior

- Electrically controlled heated rearview mirrors with convex insert
- Front fog lights
- Bi-Xenon headlamps
- Filler flap with locking device
- Anti-chip front and rear wheel fender protection



### Heating and Air Conditioning

- HVAC AC353 Version 4 air conditioning system
- Dual pipe convection heating
- Air speed control with 4 levels
- Driver's air conditioning

### Interior

- Front and rear emergency roof hatches
- Electrical windshield blind
- Manual driver's sun visor
- Fire extinguisher (10 lb., 4.53 kg)
- Overhead parcel racks with safety cords
- Bright, easy to clean lavatory with LED lighting
- Passenger clock display
- Light under every passenger row
- Bluetooth®-enabled driver microphone
- Extra outlet for tour guide microphone

### Seats

- Pneumatic driver seat in genuine leather and massage feature
- 54 Amaya seats with armrests, footrests, wing-styled headrests and 3-point 20G ELR - ALR seat belt mechanisms for passengers and driver

### Electrical System

- I-start battery management
- Multiplex architecture
- 24 V LED exterior and interior lighting
- Four AGM 105Ah batteries
- Dual Bosch 24 V/150 A alternators
- 12 V outlet on dashboard

## OPTIONS

### Vehicle Options

- Polished aluminum wheels with Durabright finish
- Parcel rack doors
- Front partition wall with glass
- Passenger side window blinds
- Destination sign (right side)
- Auxiliary pre-heater 100,000 BTUs
- Wheelchair lift (ADA compliant)
- Reverse parking sensor system
- Battery charger with bulk mode

### Passenger Seat Options

- 56 passenger seat layout (non WCL)
- Foldable armrest between seats
- Grab handles and cup holders on seat backs
- Folding tray table
- Magazine pocket
- 110V & USB outlets at each seat

### Audio/Video System Options

- Loud speakers behind driver's seat
- Proline III Audio System with USB outlet
- DVD player
- Fixed flat-screen HD monitors (4)
- Tour guide microphone

## FOR SALES INFORMATION

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