



Volvo Buses. Driving quality of life

VOLVO 9700

Dependability by design.



GENERAL SPECIFICATION

Motor

Volvo D13 w/ SCR 13L-435HP Diesel Engine, 6 cylinders, torque of 1650 lb.ft. (2250 NM) at 1100 rpm, EPA OBD19 environmental compliant

Transmission

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

Cooling System

Lateral radiator w/ 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
- Driver 3-point seat belt warning

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 w/ 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
- Low ride fuel saving feature

Braking System

- All-wheel disc brakes w/ antilock braking system (ABS) w/ 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 w/ 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 w/ convex insert
- Front fog lights
- Bi-Xenon headlamps
- Lower LED lamps
- Filler flap w/ 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 w/ 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 w/ safety cords
- Bright, easy to clean lavatory w/ LED lighting
- Passenger clock display
- Light under every passenger row
- Bluetooth®-enabled driver microphone
- Extra outlet for tour guide microphone

Seats

- Pneumatic driver seat w/ 3-point belt and alarm, in genuine leather and massage feature
- 54 Amaya seats w/ aisle 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 w/ Durabright finish
- Parcel rack doors
- Front partition wall w/ 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 w/ bulk mode
- Backup camera

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 w/ USB outlet
- DVD player
- Fixed flat-screen HD monitors (4)
- Tour guide microphone

FOR SALES INFORMATION

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