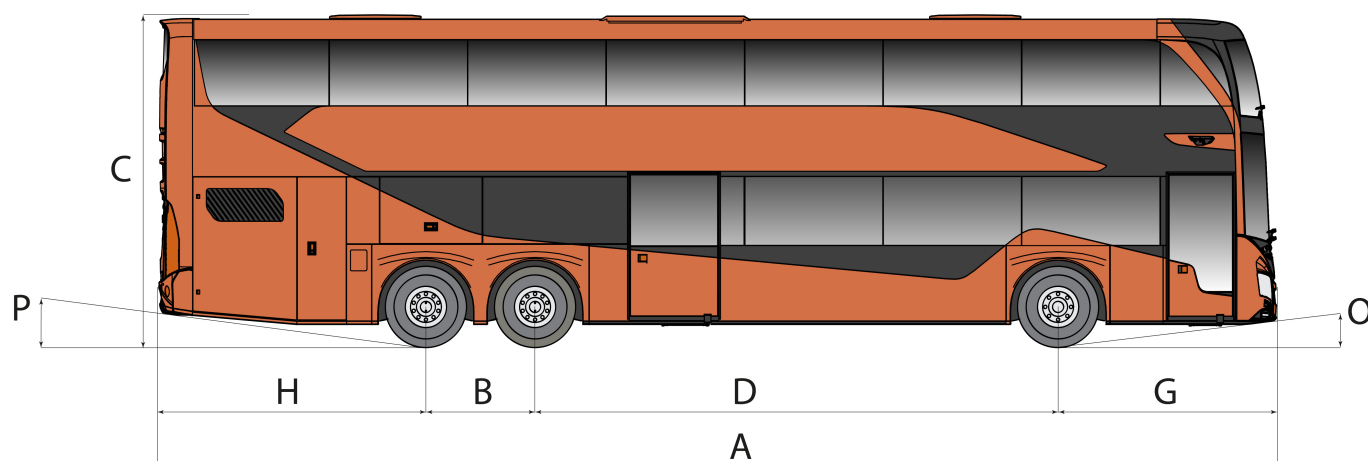




Volvo Buses. Driving quality of life

VOLVO 9700 DD

Euro 6



Model	6 x 2
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Overall dimensions		
A	Overall length (mm)	13000–14800
	Overall width (mm)	2550
B	Bogie (mm)	1400
	Overall height, without AC (mm)*	4250
C	Overall height, with AC (mm)*	4250
D	Wheelbase (mm)	5360–7160
G	Front overhang (mm)	2810
H	Rear overhang (mm)	3430
O	Approach angle (°)*	7
P	Departure angle (°)*	7
	Turning radius (outer front corner) (mm)	10040, 11890, 12490
	Turning radius (outer front wheel) (mm)	8070, 9920, 10520
*)	Overall height, approach and departure angles with tyres	315/70 R22.5

Weights	
Permitted GVW (kg)	26500

Luggage capacity	
Luggage compartment volume*	Up to 7.5 m ³
Volume of interior luggage racks (m ³)	Up to 3.0
*) Depending on vehicle dimensions	

Passenger capacity	
Depending on seat layout and comfort level	Up to 96

VOLVO 9700 DD

Euro 6

Model	6 x 2
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Engine	D11K
Emission standard	Euro 6
Engine system	SCR, common rail
Displacement (dm ³)	10.8
Cylinders/arrangement	6/in-line

Engine rating	D11K460
Output (hp) (±0–4%)	460
Output ISO 1585 (kW) (±0–4%)	339
Torque ISO 1585 (Nm); at engine speed 1000–1400 rpm	2200

Fuel tanks	
Diesel (L)	2x205, 3x205, 4x205
AdBlue® (L)	64
AdBlue tank side (RHS/LHS)	LHS

Transmission	
Gearbox	Volvo I-Shift AT2412F

Steering and suspension	
Steering wheel side	LHD
Power steering	Hydraulic power steering
Kneeling	Full side or right front corner

Exhaust system

- One box muffler design
- Diesel Oxidation Catalyst (DOC)
- Diesel Particulate Filter (DPF)
- Selective Catalytic Reduction (SCR)
- Ammonia Slip Catalyst (ASC)
- Automatic regeneration of DPF without driver involvement under normal conditions
- On Board Diagnostic (OBD) for emissions, according to step D of emission regulations
- Engine certified for usage with hydrotreated vegetable oil (HVO, standard EN 15940)
- Engine compatible with biodiesel – RME (B100)

Cooling system

- Pivotal radiator to ease access for maintenance
- No coolant filter
- Higher allowed coolant temperature for better cooling performance and lower fuel consumption

Air and brake system

- Collision Warning with Emergency Brake (CW-EB)
- Volvo disc brakes
- Electronic Stability Control (ESC)
- Electronic Braking System (EBS 5)
- Anti-lock Braking System (ABS)
- Acceleration Slip Regulation (ASR)
- Brake blending

Tyres and rims

Steel, aluminium and Dura-Bright® rims available

Rims	Tyres
9.00" x 22.5"	315/70 R22.5"
Spare wheel	Optional

Exterior and structure

- Bodywork by Carrus Delta OY
- Stainless steel in body structure and side panelling
- Front and rear wall in one piece composite material
- Anti-corrosion treatment of underbody frame with conservation and silencing agent
- Electrical heating system and UV-protection in windscreen
- Side window with light and dark tinted double glazing
- Rear window with dark tinted double glazing
- Driver window electrically operated, heated single glazing
- Doors with double glazing
- Brackets for ski-box or cycle carrier in the rear
- Central locking of luggage compartment
- Bi-Xenon headlights with LED DRL
- Good access to service and maintenance locations

VOLVO 9700 DD

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Doors and door system

- First door outward swinging
- Second door outward swinging

Wheelchair ramp

- Available in middle door
- Fixed manual ramp or removable ramp

Convectors

Heating capacity at Q60	470 W/m
Heating capacity at Q100	780 W/m

Defroster

Heating capacity at Q80	16 kW
Cooling capacity max	5 kW
Airflow max at dP 0	730 m³/h
Available with/without AC	

Auxiliary heater

Heating capacity	35 kW
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Interior

- Several interior material and colour alternatives
- Curtains or sun blinds for side windows
- Water toilet with 100-litre water tank
- Multiple storage box sizes and locations
- Safe box
- Passenger display with clock and exterior temperature
- Individual reading lights for passengers (LED)
- Safety illumination for staircases
- Special emergency interior illumination system
- Fire detection system

Passenger seats

Volvo coach line or Volvo intercity line:

- Available in a wide range of specifications to meet the demands of individual customers

Driver's seat and station

- Steering wheel available in 450 mm or 500 mm
- Tachograph
- Volvo Alcolock
- Knee Impact Protection (KIP)
- External temperature meter
- ISRI driver's seat
- Lane Keeping Support (LKS)
- Adaptive Cruise Control
- Driver Alert System (DAS)
- 360° view camera
- Rear view camera with a washer
- Camera system for mirror replacement

Electrical system

- Volvo I-Start system for increased uptime and extended battery life
- Automatic shut off of main switch at low voltage level
- Automatic circuit breakers

Battery capacity

Starter batteries	2 x 35 Ah
Consumer batteries	2 x 210 Ah

Alternators max output

3 x 150 A

Audiovisual system

- Bosch audio/video system
- Two DIN units with radio and DVD
- Driver's monitor
- Driver and guide microphones
- USB
- Subwoofer
- DAB+
- HDMI

VOLVO

Volvo Bus Corporation

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