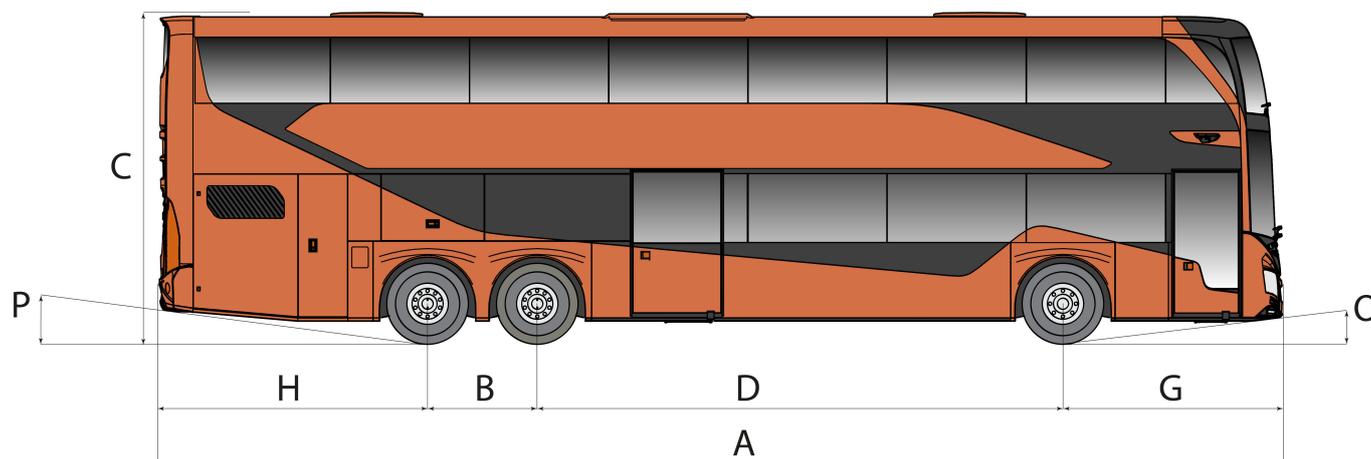




Volvo Buses. Driving quality of life

# VOLVO 9700 DD

Euro 6



<b>Model</b>	<b>6 x 2</b>
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<b>Overall dimensions</b>	
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

<b>Weights</b>	
Permitted GVW (kg)	26500

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

<b>Passenger capacity</b>	
Depending on seat layout and comfort level	Up to 96

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Model	6 x 2
<b>Engine</b>	
Emission standard	D11K Euro 6
Engine system	SCR, common rail
Displacement (dm <sup>3</sup> )	10.8
Cylinders/arrangement	6/in-line
<b>Engine rating</b>	
Output (hp) (±0-4%)	D11K460 460
Output ISO 1585 (kW) (±0-4%)	339
Torque ISO 1585 (Nm); at engine speed 1000-1400 rpm	2200
<b>Fuel tanks</b>	
Diesel (L)	2x205, 3x205, 4x205
AdBlue® (L)	64
AdBlue tank side (RHS/LHS)	LHS
<b>Transmission</b>	
Gearbox	Volvo I-Shift AT2412F
<b>Steering and suspension</b>	
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

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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 m <sup>3</sup> /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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