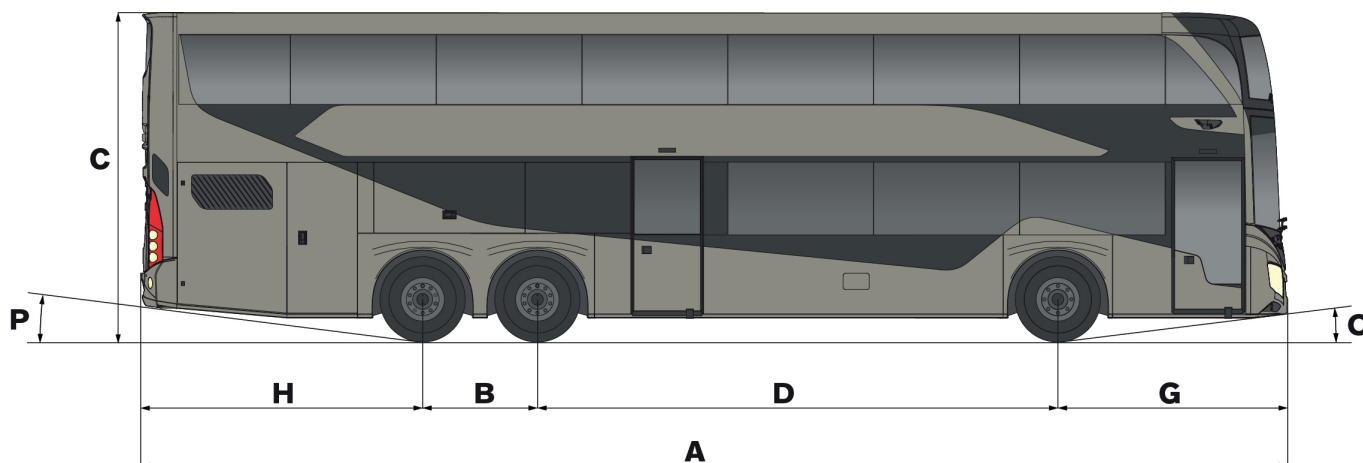




Volvo Buses. Driving quality of life

# VOLVO 9700 DD 4.0 M

Euro 6



|              |              |
|--------------|--------------|
| <b>Model</b> | <b>6 x 2</b> |
|--------------|--------------|

| <b>Overall dimensions</b> |  |                     |
|---------------------------|--|---------------------|
| A                         | Overall length (mm)                                      | 13000–14800         |
|                           | Overall width (mm)                                       | 2550                |
| B                         | Bogie (mm)   | 1400                |
|                           | Overall height, without AC (mm)*                         | 4000                |
| C                         | Overall height, with AC (mm)*                            | 4000                |
| 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 (m <sup>3</sup> )*      | Up to 8.0 |
| 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                                   | 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%)                                 | 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

## Doors and door system

- First door outward swinging
- Second door outward swinging

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## 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 |
|------------------|-------|

## 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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