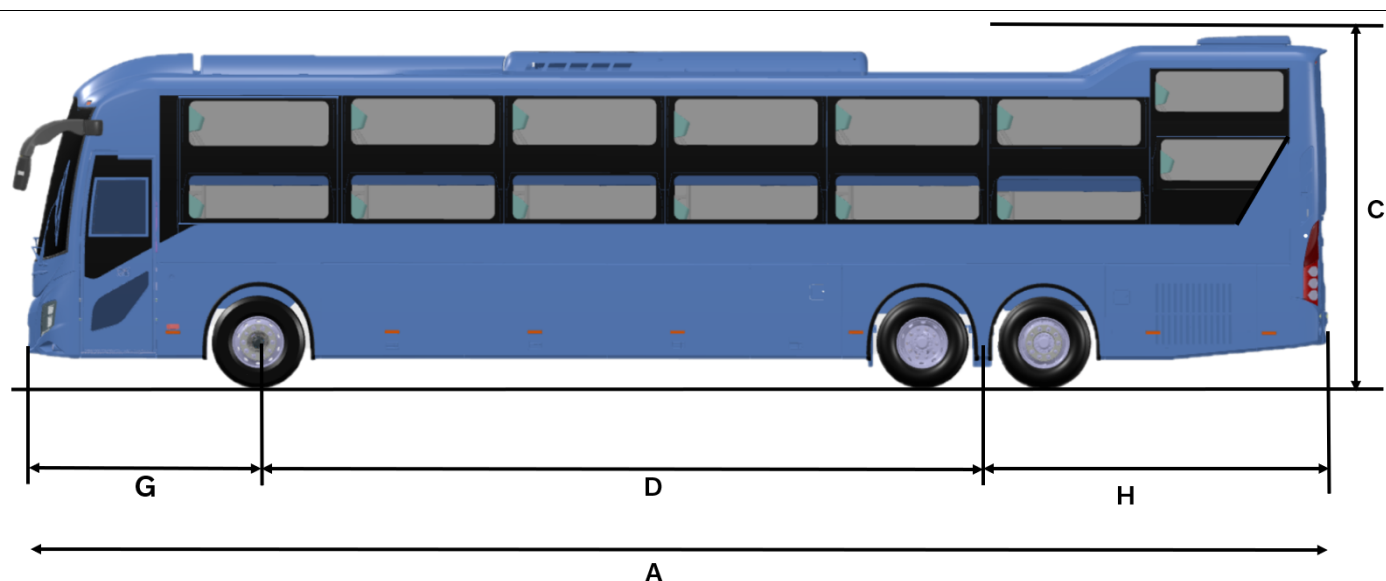


# VOLVO 9600s 15 M SLEEPER

BS-6



<b>Model</b>	<b>6X2 15 M</b>
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<b>Overall dimensions</b>		
A - Overall length	(mm)	15000
Overall width	(mm)	2600
C- Overall Height	(mm)	4000
D- Wheelbase	(mm)	8350
G- Front overhang	(mm)	2670
H- Rear overhang	(mm)	3980
Approach angle		7.9°
Departure angle		7.1°
Turning radius	(mm)	11400
Overall height, approach and departure angles with tire		295/80 R22.5

<b>Weights</b>		
Permitted front axle load	(kg)	7000
Permitted drive axle load	(kg)	15200
Permitted GVW	(kg)	22200

<b>Luggage capacity</b>		
Luggage compartment volume	(m <sup>3</sup> )	8.5

<b>Passenger capacity</b>	
Depending on seat layout and comfort level	40+ 1 (driver) +1 (Co-driver) with berth size of 1800 mm

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Engine		
Engine system		Common rail direct injection diesel engine
Displacement	(dm <sup>3</sup> )	7.7
Cylinders/ arrangement		6 / Inline
Output	(hp)	350 at 2200 rpm
Torque	(Nm)	1350 at 1200 – 1600 rpm

Fuel tanks		
Diesel	(L)	540
AdBlue	(L)	50

Transmission		
Gearbox		I-Shift automated manual gearbox (12F&4R)
Retarder		Integrated hydrodynamic
Front axle		Rigid and steerable
Rear axle		Single reduction hypoid axle
Tag axle		Rigid and steerable

Steering and suspension		
Steering wheel side		RHD
Power steering		Hydraulic power assisted steering
Suspension system		Full air suspension with electronic control

Air and brake system		
System		Electronic braking system (EBS) including Anti-lock braking system (ABS), Hill start aid and Electronic Vehicle stability control(EVSC)
Brake type		All disc brakes
Parking brake type		Air brake
Additional Brake		Engine brake

Wheels and tires		
Tire size		295/80 R 22.5 18 PR, Tubeless radial
Rim size		8.25" x 22.5"
Front axle tire pressure	(psi)	124
Rear axle tire pressure	(psi)	110
Tag axle tyre pressure	(psi)	100

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<b>Exterior and structure</b>	
Body structure	High-quality GI steel passing Accelerated corrosion test
Side and roof paneling	Stainless steel and Galvanized steel
Front and rear paneling	High-grade FRP
Front windshield	Laminated glass of aerodynamic design
Side windows	Single glazed, grey tinted
Rear View mirrors	Electrically adjustable

<b>Climate system</b>	
AC type	Engine-driven Roof mounted unit
Heater	Roof heating (Optional)
Maximum cooling capacity	45 KW

<b>Doors and door systems</b>	
Driver door	Full height hinged door
Passenger door	Pneumatically operated inswing door
Middle door	Emergency exit below the window glass on RHS wheelbase
Luggage hatches	Concealed hinge robust aluminum luggage hatches

<b>Interior</b>	
Gangway	Flat floor
Flooring	Antiskid Vinyl
Finishing	Premium ABS interiors
Dashboard	Designed from driver's perspective with ergonomic access
Luggage racks	Compact luggage racks
AC ducts	Optimal flow ducts with proper insulation
Destination board	LED destination board – 1 Nos.

<b>Passenger experience</b>	
Berths	Premium mattress with ABS interiors
AC vents	Adjustable AC louvers
Lights	Reading lights with switch
Charging	Fast charging USB ports

# VOLVO 9600s 15 M SLEEPER

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Electrical and entertainment system	
Media system type	Automotive-grade
Connectivity	Wi-Fi Provision– 3 point socket (Optional)
PA system	Cord mic with speakers
Exterior lighting	Signature V shaped lights with DRL
Interior lighting	Lights for gangway with night lamps

Safety	
First aid kit	Pouch type kit
Seat belt	Driver and Co driver
Door or hatch open indicators	Luggage hatches and emergency door
Reverse parking assist (RPAS)	Sensors on rear wall with an indicator on dashboard
Vehicle location tracking (VLT)	Switches on every berth cubicle.
Fire Detection and Suppression System (FDSS)	Engine compartment
Protection systems	Front Underrun Protection(FUP) Front Impact Protection (FIP)
Roof hatches	Two manual roof hatches

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