



Volvo Buses. Driving quality of life

VOLVO 8900

Your hard-working partner





The Volvo 8900 will meet all needs in intercity and commuting operations. Highly versatile through a wide range of variants, yet firmly focused on reducing operating costs.

Our 8-litre Euro 6 engine provides excellent performance and driveability – with low fuel consumption. Count on maximum uptime, reliability and safety for your investment.

⋮ *In and out of cities and suburbs, onto the urban
⋮ highways. That's the home ground of the Volvo 8900.*





Everyday reliability and **PROFITABILITY**

Versatile in application

The Volvo 8900 is available in a number of variants, opening up for a range of applications and allowing you to maximise productivity in your operation.

Real uptime

The entire Volvo 8900 and our services are designed to give you maximum uptime with trouble-free maintenance exactly when needed.

Satisfied customers

Going by bus should be a pleasure and with the Volvo 8900 it really is. Every day, all the year round. Comfort and a relaxing journey are vital parts of commuting.

Fuel efficiency and reduced operational cost

The 8-litre Euro 6 engine in the Volvo 8900 offers world-class fuel-efficiency. In addition we offer a range of services that reduce fuel consumption even further.



Business in partnership

Our promise is to be your best business partner. We offer a range of services to maximise uptime, reduce life cycle cost and facilitate the management of your fleet.

Environmental performance

At Volvo Buses we lead the way when it comes to intelligent solutions that give you environmental performance with a money-saving business upside. Such as our highly efficient Euro 6 engines.

VDS - a world-first for unique driving comfort

Volvo Dynamic Steering gives totally effortless driving at low speed and supreme stability out on the road. Automatic return-to-zero, even when reversing, takes a lot of strain and wear out of driving.

Commuting in style and comfort

Space, light and elegant simplicity are the design keywords for our new interior. You see it in the colours, layout and shape of individual elements. Add to that improved ventilation, new luggage racks and optional individual service sets.

Increased driver performance

The driver's environment is one of the best available, with world-class ergonomics, Volvo dashboard and a range of possibilities for individual adjustments.

Renowned Volvo Safety

At Volvo, we always put safety first. It's in our genes. The result is experienced and appreciated by drivers and passengers worldwide everyday.

REAL UPTIME



Built to **NEVER** let you down

The Volvo 8900 has an outstanding uptime appreciated by demanding operators and PTAs in major European cities. The explanation is simple: the entire Volvo 8900 and our services are designed to give you maximum uptime. Proven Volvo technology and extremely durable mechanical design ensure reliability and a long service life. Add services such as an individual service plan, Driver Training and our renowned workshop efficiency and you can count on what matters – maximum availability.

- *Stronger, lighter and easier to maintain.*
- *Our patented jointing technique helps keep*
- *your vehicles on the road.*



Vehicle uptime services

With our Service Contracts you get maximum vehicle availability at a fixed monthly cost. In addition, we can tailor an individual maintenance plan completely optimised for your Volvo 8900 fleet. High workshop efficiency, unique diagnostic tools and Parts Supply services help boost uptime even further.

Unique body concept

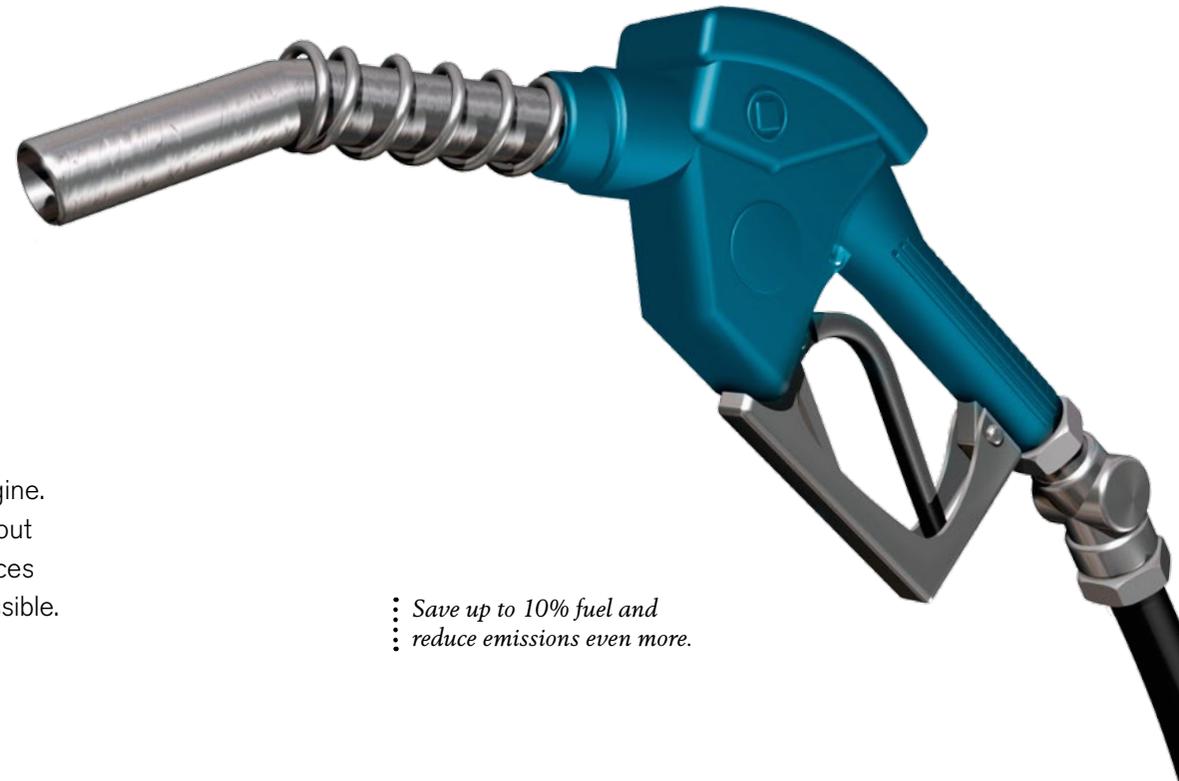
Volvo's unique body concept features a patented jointing technique, combining extreme strength with low weight for superior reliability. It's shared with the Volvo 7900 Hybrid range, which means your entire city and intercity bus fleet can benefit from 70% parts commonality. The result? Faster repairs, superior parts availability, reduced costs and enhanced productivity.

Electric doors increase uptime

The Volvo 8900 features new robust electrically powered doors, providing outstanding reliability compared to conventional pneumatic systems. And the need for service and maintenance is minimised.

Save up to 10% of your fuel cost

The Volvo 8900 features a 8-litre Euro 6 engine, taking on the position of its 7-litre predecessor that already was the world's most fuel-efficient diesel bus engine. However, fuel economy is not only a matter of engine specifications – it's also about how you drive and maintain the vehicle. That's why we continuously develop services that reduce fuel consumption. Making fuel savings of up to 10% of fuel entirely possible. Bottom line profit from day one.



⋮ *Save up to 10% fuel and*
⋮ *reduce emissions even more.*

Less weight - reduced fuel consumption

Our body concept combines both aluminium and steel, giving you a perfect balance of strength and low weight. The result is not only an extremely durable, corrosion resistant body, the design also saves important kilos, helping to reduce fuel consumption.

Euro 6 with outstanding fuel efficiency

With our extremely fuel-efficient 8-litre Euro 6 engine, we combine low fuel consumption with high power output and torque. Together with our advanced engine management system and the legendary Volvo I-Shift 12-speed gearbox you get increased efficiency while reducing your business operation's fuel cost.



Fuel saving services

With our Fleet Management services you get detailed reports that allow you to trace the reasons for variations in fuel consumption and take action. For example with Driver Training, helping you to improve the skills of your drivers and save fuel.

Green efficiency

PAYS OFF

At Volvo, we lead the way when it comes to providing environmental performance with a clear business upside. We call it Green Efficiency, allowing you to drive a better business with less harmful impacts. And that is exactly what you can do with the Volvo 8900 – designed for reliable and profitable intercity operation with outstanding productivity. Part of the solution is our 8-litre Euro 6 engine, where we apply a broader approach than just focusing on innovative exhaust after-treatment.

The engine itself is extremely fuel-efficient, which in turn results in low emissions and AdBlue usage. For us at Volvo, this is right-sizing. Getting the power you need, while minimising fuel consumption and thus reducing the environmental impact caused by public transport. Ultimately helping you reduce your costs and improve your business.

INCREASED DRIVER PERFORMANCE

Designed around THE DRIVER

The driver's environment in the Volvo 8900 is probably one of the best available, with world-class ergonomics and superior visibility. The adjustable dashboard features easy to read instruments and controls located within convenient reach. Volvo's instrument cluster is designed to display only relevant information, minimising distraction and helping the driver stay focused and alert.

The Volvo 8900 is a true performer. High engine torque across a wide rev range in combination with the choice of three transmissions provides unique driving feel and reliable acceleration. The Volvo I-Shift 12-speed gearbox is available with different software optimised for various applications, for example commuter or line-haul duties. The result is a comfortable, quiet and highly efficient day at work.



I-Coaching helps the driver drive more safely, fuel-efficiently and comfortably. It gives instant feedback on parameters such as over-revving, excessive idling, over-speed and harsh curving, helping the driver improve performance.



With Driver Training, even your best drivers can enhance their skills and learn how to exploit the full potential of the bus. Fine-tuning driving safety and economy for maximum productivity and passenger satisfaction.



A breakthrough in safe and comfortable driving. Volvo Dynamic Steering adapts power assistance to the actual need in each situation. At low speed, steering is completely effortless, a great benefit when parking and in roundabouts. Add to that the unique return-to-zero, even when reversing. At higher speed, the system instead gives added stability and virtually eliminates sensitivity to uneven surfaces. Available on medium-floor versions.

VERSATILE IN APPLICATION

Just the bus YOU NEED

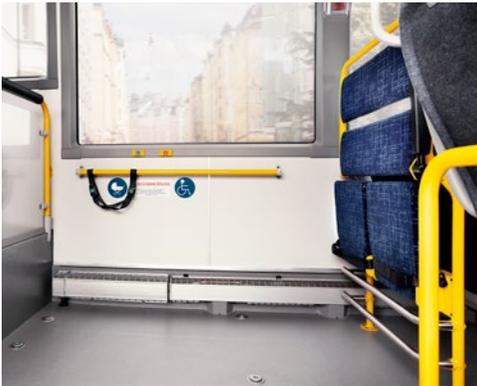
The Volvo 8900 is all about versatility and flexibility, easily specified to be just the bus you need. Capable, reliable and ready to take on a wide range of assignments when you build a complete full-service commuter or intercity fleet. Think of it as next to limitless possibilities, allowing you to design your Volvo 8900 to meet your specific needs. Choose between low entry and medium floor models in a variety of lengths, with three power levels, two- or three-axle design, with or without podesters. Select between various seating layouts, comfort levels, safety features and tailor luggage capacity to suit your requirements. Ultimately creating exactly the Volvo 8900 you need to maximise productivity in your operation.



SATISFIED PASSENGERS

All new INSIDE

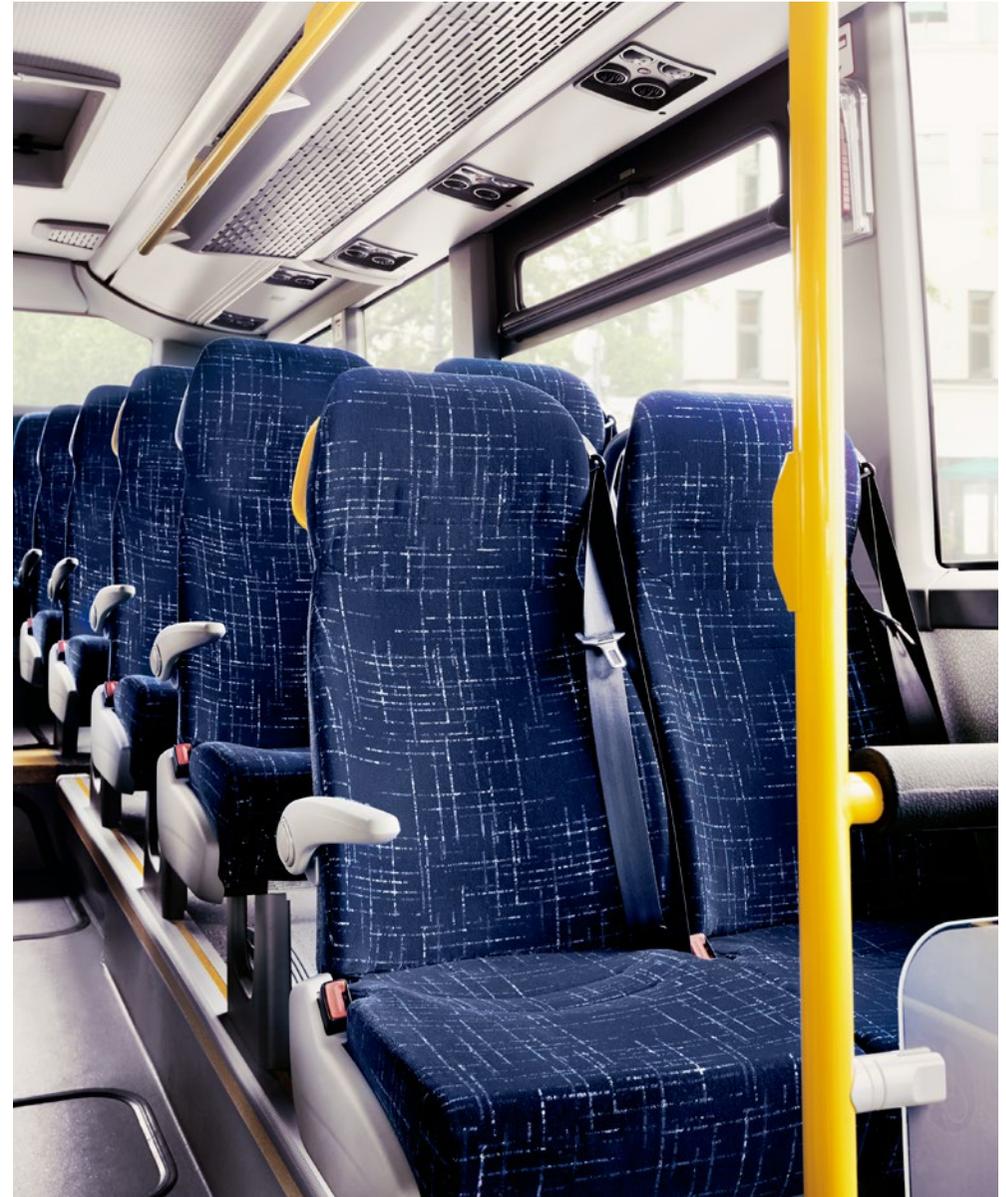
The **Volvo 8900** features a completely new interior. Passenger space is defined by elegant simplicity and functionality. Shapes, surfaces, colours and individual elements are in harmony and create an environment that is both inviting and comfortable. As a passenger you'll appreciate the pleasant ambience as well as functional details like the new luggage racks and optional individual reading lamps and service sets.



All aboard. Boarding and exiting are moments of truth for efficient bus operation. With the Volvo 8900 your passengers will benefit from low entry, kneeling function and efficient interior layout for superior passenger flow. For passengers with mobility disabilities the boarding ramp facilitates boarding still further.



Customer care. Your passengers have the right to expect both convenience and comfort. In the Volvo 8900 the interior is bright and spacious and the upgraded ventilation keeps the climate controlled. Add to that very good visibility and a low interior noise level.



Comfortably seated. The Volvo 8900 features seat options, ranging from space-efficient city seats to high-spec intercity comfort. The advanced ergonomic design ensures that all types of passengers, tall or short, can enjoy a smooth and pleasant ride. Smart textiles make for long-lasting freshness and easy cleaning. To boost safety still further, the intercity seats can be equipped with three-point seat belts, booster cushions and even integrated rear-facing child seats.



Your business partner FOR UPTIME

When you build a fleet entirely or partly with Volvo 8900 buses, you build a solid operation. And with our experience, knowledge and business understanding, we promise to be your best business partner. With your operation in mind, we can propose a combination of reliable services completely designed to optimise your operation, at a well-defined cost. Ultimately helping you maximise uptime, reduce life cycle cost and facilitate the management of your fleet. And not least, helping you secure productivity and long-term profitability.



Vehicle uptime services

With our range of services we can take part or complete responsibility for your vehicles and ensure a trouble-free operation. Vehicle Management, Service Contracts and Fleet Management are just a few examples of services that help you stay in control of the cost and performance of your fleet.



Parts Supply

With our Parts Supply you can rely on superior availability of Genuine Volvo Parts, helping to secure uptime. In addition, the Volvo 8900 shares a great deal of parts and has considerable structural similarity with the Volvo 7900 Hybrid. This brings a lot of advantages if you run a fleet containing both models, such as simplified maintenance routines and workshop procedures.



Volvo Bus Financing

Our attractive financial solutions are tailored to facilitate not only the purchase process but also your entire ownership experience. What you get is one single contact for vehicles and financing who is familiar with your business and helps you save both time and money.

RENOWNED VOLVO SAFETY

Feeling safe

ALL THE WAY

At Volvo, we always put safety first. It's in our genes and pervades the way we think and how we design our products. The result is experienced and appreciated by drivers and passenger worldwide everyday.

Thorough safety testing

We perform several full-scale tests to ensure the highest possible safety. Side impact tests, authentic rollover tests and drop tests to check roof strength are just a few examples.

Focused driving environment

An optimal driver's environment supports an alert and focused driver. Ergonomic design, low noise and comfortable climate.

Outstanding visibility

Large glass panels, well-dimensioned exterior mirrors, powerful lighting including fog lights and a reversing camera ensure superior visibility.

I-Coaching

Supports the driver with vital information that contributes to safer driving. For example warns when you enter a curve too fast.

Excellent handling and braking

The outstanding road control and stability are ensured by Volvo's Rigid Front Suspension (RFS) and Electronic Stability Program (ESP). The powerful engine brake and integrated retarder together with Volvo's electronically controlled disc brakes (EBS) deliver excellent braking capacity exactly when needed.

Panic button

In the event of an emergency situation, immediate positioning information can be sent via the Volvo Telematics system.

Volvo Alco-lock

Want to enhance safety even further? Specify the Volvo Alco-lock as an additional safety feature.

Volvo Dynamic Steering

A totally new dimension of power steering. Sensational stability, speed-adaptive and effortless for the driver. A world first from Volvo. Available on medium-floor versions.

Volvo passenger seats

The passenger seats feature deformation zones, no sharp edges and minimised pinch points. They are available with 2-point or 3-point seatbelts.

Child safety

The seats can be equipped with either integrated rearward facing child seats or booster cushions.

FACTS AND FIGURES

Dimensions and weights

Model	Low Entry		Medium floor	
	2-axle	3-axle	2-axle	3-axle
Length [m]	12.0	13.7	12.2	14.9
	13.0	14.7	13.0	
Width [m]	2.55			
Height [m]	3.30			
Permitted GVW [kg]	19 000	24 750	19 000	24 750

Powertrain

Emission standard	Euro 6
Diesel engine	Volvo D8K, 6-cylinder, in-line diesel engine with common rail injection
Output [hp] Torque [Nm]	280, 320 or 350 1050, 1200 or 1400
Transmission	Volvo I-Shift automated gear-changing system or automatic transmission from ZF or Voith. All transmissions available with integrated retarder.

Exhaust system

One box muffler design.

Automatic regeneration of DPF without driver involvement under normal conditions.

Axles, suspension and steering

Model	Low Entry	Medium floor
Front axle	Volvo RFS-Low beam axle	Volvo RFS beam axle
Rear axle	Volvo's single reduction axle with optimised ratios	
Tag axle	Hydraulic steered	
Suspension	Electronically controlled air suspension with kneeling function available on all variants	
Power steering	Electrically powered hydraulic steering on 2-axle low entry model. Hydraulic power steering on other models. Volvo Dynamic Steering available as option on Medium floor models.	
Tyres	275/70 R22.5"	295/80 R22.5"
	295/80 R22.5"	315/80 R22.5"
Rims	Steel or aluminium rims available	

Brakes

Volvo electronically controlled disc brakes (EBS). ESP optional on medium floor models. Brake Blending function (all).

Driver's environment

Spacious driver's environment with wide range of individual adjustment possibilities.

Volvo dashboard meets EBSF and VDV demands.

Rotatable driver's seat on low entry model.

Passenger seats

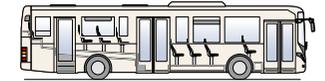
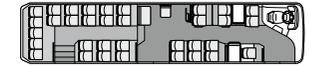
Volvo City or Intercity bus seats available in wide range of variants. All Volvo seats optimised for easy cleaning and maintenance.

Doors and door system

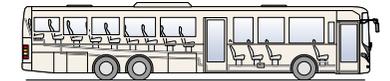
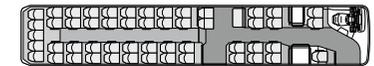
Door system	Electric or pneumatic
Door layout	Wide range of layouts with single or double doors, eg. 2+2+1 or 1+1+0

Climate system

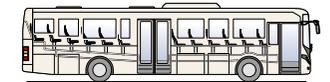
Zones	Separate climate zones for driver and passengers
Ventilation and heating	Powerful ventilation, roof heating units
AC max [kW]	28 or 38



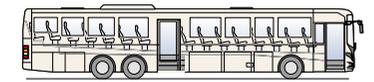
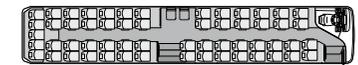
Volvo 8900 Low Entry



Volvo 8900 Low Entry Bogie



Volvo 8900



Volvo 8900 Bogie

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