



Volvo Bus. Driving quality of life

# VOLVO B8R

Versatile, reliable, fuel efficient, a coach for all seasons





## For a versatile fleet

The Volvo B8R will meet the demands of intercity, express and commuter operations. Highly versatile through a wide range of variants, yet firmly focused on reducing operating costs.

The extremely fuel-efficient Euro 6 engine will keep your operational costs down, while Volvo's high quality ensures superior functionality, passenger comfort and lifecycle productivity.

*Reliable and fuel-efficient. From the city centre onto the motorway and back again. That's the home ground of the Volvo B8R.*

# Competitive CORNERSTONES

## Fuel efficiency

The extremely fuel-efficient Euro 6 engine combined with Volvo's unique line-up of fuel-saving services, gives uncompromised power and productivity.

## True uptime

Legendary Volvo reliability, service-friendly layout and trouble-free maintenance will keep your vehicles on the road. We're by your side all the way.

## For versatile applications

Untiring commuting, cost effective touring or intercity travel? With the Volvo B8R you will get just the vehicle you need.

## Business in partnership

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



B8R Sunsundegui SC5

## Driver performance

The Volvo B8R is simply great to drive. Everything in the driver's area is set for superior ergonomics.

## Environmental performance

At Volvo Bus we give you environmental performance with a business upside. We continuously develop technology and services to reduce the footprint of your operation even more.

## VDS - a world-first for unique driving comfort

The B8R can be specified with Volvo Dynamic Steering which 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.

## Assistance for safer driving

The vehicle can be equipped with a new driver assistance package including Collision Warning and Emergency Brake, and Lane Keeping Support making the B8R driving safer and more comfortable.

## World class safety

Safety is deep in the DNA of Volvo. Your drivers and passengers will benefit from the vehicle's predictable and consistent road behaviour and a wide range of safety features.

# Designed for maximum UPTIME

**Coaches belong on the road.** Running efficiently, securing your business. We know every minute and every mile counts. That is why the Volvo B8R 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.

Maintenance and reliability are crucial issues in the life cycle productivity perspective. The Volvo B8R is designed for long service intervals and swift and simple maintenance. Many critical components are maintenance-free, such as chassis suspensions, steering and prop-shafts. In addition, Volvo's multiplexed electronics system supports preventive maintenance and offers a diagnostics tool.

Add services such as Vehicle Management and Service Contracts, and you can count on what matters: maximum availability. Our "European Blue" Contract comes as standard (2 years, 160,000 km).



B8R Sunsundegui SC5



## Tailored Service Contracts

With our Service Contracts you get a service plan optimised for your business. Operational conditions such as mileage, climate, average speed, number of stops and so on determine the solution. The result is maintenance exactly when needed, and assurance that only Genuine Volvo Parts are used – fitted by experts.



## Vehicle Management services

Adding our maintenance planning service helps you optimise vehicle availability and avoid unplanned stops. Through on-board telematics you know exactly how much and under what conditions your fleet is running, allowing you to adapt your maintenance and optimise your operation.



## Parts Supply

With our Parts Supply services you can rely on superior availability of Genuine Volvo Parts, helping to secure uptime. In addition, the Volvo B8R shares a great deal of its parts and has considerable structural similarity with other Volvo models. This brings a lot of advantages if you run a fleet, such as simplified maintenance routines and workshop procedures.

## FUEL EFFICIENCY

# SAVE

## Fuel costs

**Fuel cost is crucial.** We can do little about price but quite a lot about consumption. The Volvo B8R features a 8-litre Euro 6 engine, taking on the world-class fuel-efficiency position of its 7-litre predecessor. However, what matters just as much is how the vehicle is driven. That's why we continuously develop services that increase overall efficiency. Bottom line profit from day one.



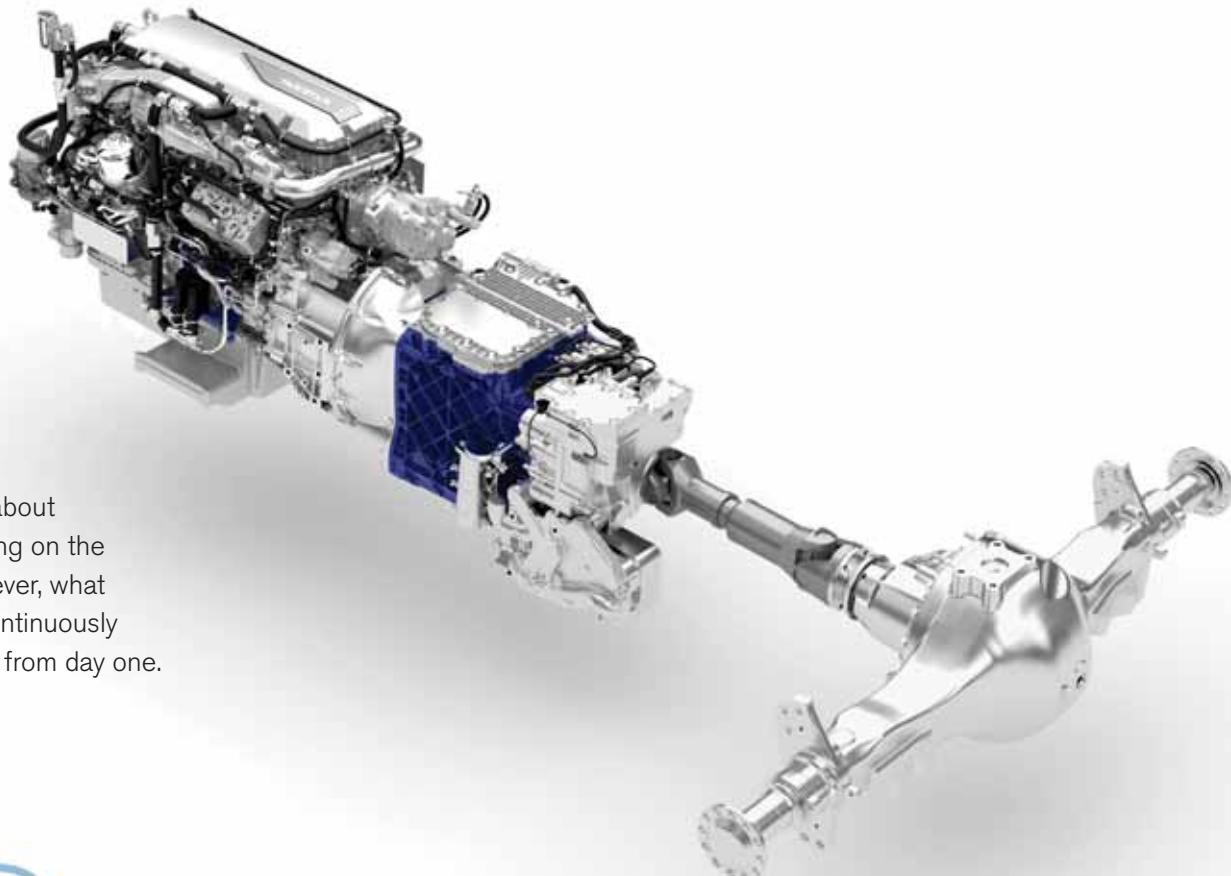
### Euro 6 with reduced fuel consumption

With our extremely efficient 8-litre Euro 6 engine we combine low fuel consumption with high power output and torque. The legendary Volvo I-Shift 12-speed gearbox is now available on all Volvo coaches, giving you increased efficiency. While reducing the fuel cost of your business.



### Save fuel online

With our Fleet Management option you can optimise maintenance costs and reduce fuel consumption. The detailed reports allow you to trace reasons for variations in fuel consumption. When you know whether it's the vehicle, the driver or the route that causes a problem, it's easy to take suitable action. Fleet Management reporting is standard for 12 months from new.





**REOWNED VOLVO SAFETY**

## **OUR VISION IS CLEAR: ZERO ACCIDENTS WITH VOLVO GROUP PRODUCTS**

### **At Volvo safety is a primary concern**

Always. That's why we continuously go beyond legislation and introduce safety features long before, sometimes decades before, they become a legal demand. We do it because we can and because it offers a higher level of safety. If it can be done it should be done, and we know that your passengers will appreciate the consideration you show by choosing Volvo.

### **A responsibility in society**

For us, safety is so much more than just developing innovative safety solutions in our products. We also have a responsibility in society and an important role to play when it comes to making road traffic safer. This goes far beyond just ensuring superior safety for drivers and passengers, it also encompasses the safety of other road users. And we know we can make a difference. Volvo Group is one of the world's largest companies in terms of safety research for commercial vehicles.

The best

# WAY TO GO

**Going by coach is the safest way to travel.** Especially when you rely on Volvo. The mechanical durability creates a solid base for reliable safety, which is enhanced with a range of additional features. When it comes to preventive safety, the road behaviour of the Volvo B8R is a real asset. Consistent and predictable, it helps the driver stay in control, just like in every other Volvo.

#### **Excellent handling and braking**

EBS-controlled disc brakes and the engine brake are well-known Volvo safety components. For top-of-the-line safety, a retarder and our Electronic Stability Program (ESP) come as standard on all B8Rs in the UK and Ireland.

#### **Alert and focused**

The Volvo B8R offers a solid base for an efficient driver's environment. An easy-to-read instrument panel, enhanced human-machine interface minimising driver distraction and the easily adjustable steering wheel are just a few examples of its features.

#### **Active safety**

Road handling and consistent behaviour are crucial safety factors. This is especially important in critical situations when the brakes are put to the test. Solid engine torque across a wide rev range in combination with Volvo I-Shift or automatic transmission provides a unique driving feel.



# A breakthrough for safer driving

The Volvo B8R can be customised to offer a unique package of systems for driver assistance. Volvo Dynamic Steering, VDS, is a world-first from Volvo that makes coach driving a completely new experience.

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 or going round 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.

## Driver Support

With Driver Support the operator will benefit from fewer accidents and reduced injuries in the event of a collision.



**CWEB, Collision Warning and Emergency Brake**, detects the vehicles in front and warns the driver when there is a collision risk. If the warning is ignored it is escalated and first followed by gentle braking, and then by emergency braking with maximum retardation.



**LKS, Lane Keeping Support**, monitors the lane markings and alerts the driver when the risk of an unintentional lane departure is identified. The warning is given as a vibration in the seat, or as an acoustic signal.



**VDS, Volvo Dynamic Steering**, features a powerful electric motor assisting the power steering mechanism. The driver benefits from increased stability, less strain and the unique return-to-zero capability. (optional extra)

## DRIVER PERFORMANCE

# The perfect WORKPLACE

**The driving experience in a Volvo is special.** The precise steering and smooth gear changes combined with the engine torque make the driver's working day a lot easier. The secret lies in chassis stability and consistent behaviour.

Volvo's long experience of driver ergonomics results in an excellent setup for a perfect driver's environment. One example is Volvo's new, adjustable dashboard that moves effortlessly along with the steering wheel, helping the driver to find an ideal seating position.



### Gear up with I-Shift

Volvo's legendary I-Shift transmission is as effortless as an automatic transmission. It combines smooth shifting with fuel efficiency and lets the engine run under optimised conditions. The control software helps the driver maintain a high average speed and gives passengers a pleasant journey.



**The functional design of a Volvo B8R chassis** naturally extends to the driver's environment. The new instrument cluster is designed to display only relevant information, minimising distraction and helping the driver stay focused and alert.

FOR VERSATILE APPLICATIONS

The backbone of  
**YOUR FLEET**



B8R Sunsundegui SB3

The Volvo B8R is all about versatility and flexibility; capable, reliable and ready to take on a wide range of assignments. When you specify a complete full-service commuter, touring or express fleet, the Volvo B8R will help you create exactly what you need to maximise productivity in your operation.

**Any way you want**

Your Volvo B8R can be specified to meet almost any kind of need. It's available in different lengths in a two axle configuration. Its capacity means it can cater for wide variations in floor and seat layout and luggage compartment capacity.

**Body options**

The B8R chassis can be specified with Plaxton or Sunsundegui bodywork including the SC5 and the high capacity SB3.

**Purpose-built performance**

Volvo engines are known for first-class driveability. The Volvo D8K Euro 6 engine is no exception and its performance span, in combination with outstanding fuel economy, is one reason why the Volvo B8R chassis suits such a variety of applications.

# Green efficiency PAYS OFF

At Volvo we see no contradiction between environmental concern and profitability. On the contrary. That is why we lead the way when it comes to intelligent solutions that give you environmental performance and benefits with a business upside. We call it Green Efficiency, and that is what you get with every Volvo coach, the Volvo B8R is designed for a sustainable and profitable coach operation.

Part of the solution is our 8-litre Euro 6 engine, where we apply a broader approach than just focusing on an innovative after-treatment solution for exhaust emissions. The engines are also lighter and more efficient, which reduces fuel consumption and consequently emissions and AdBlue usage too. For us at Volvo, this is right-sizing. Getting the power you need, while saving fuel and reducing the impact on the environment. Ultimately helping you reduce your costs and improve your business.

It's the built-in extras that will help

# SAVE MONEY

When you buy a Volvo coach, you gain a partner for the complete journey.

With your operation in mind, we can propose a combination of reliable services completely designed to optimise your ownership, at a well-defined cost. Ultimately helping you to maximise uptime, reduce life cycle cost and facilitate the management of your fleet. And not least, helping to secure the outstanding residual value for which Volvo Bus is so famous.



#### **Volvo Bus Services**

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



#### **European Service Network**

With over 1000 workshops and service centres throughout Europe, we offer personal service and support wherever you are. With our Genuine Volvo Service you can count on your coach always being serviced in the best way possible, and always with Genuine Volvo Parts to ensure the performance, reliability and safety of your coach.



#### **Volvo Action Service**

Volvo Action Service is our assistance service, available round the clock, 365 days a year. One call and help is on the way to anyone with a fault with their Volvo coach. Volvo Action Service is there to assist you with everything from repair services to financial and legal assistance, from interpreting and translation, to getting your driver and passengers back home.



# FACTS AND FIGURES

## Dimensions and weight

Length [m]	12.8
Permitted GVW [kg]	18 000

## Powertrain

Emission standard	Euro 6
Diesel engine	Volvo D8K, 6-cylinder, in-line diesel engine with common rail injection
Output [hp]	320, 350
Torque [Nm]	1200, 1400

Transmission

Volvo I-Shift automated gear-changing system. ZF Ecolife automatic gearbox with 320 hp engine only. Retarder is standard on all transmissions.

## Exhaust system

One box system.

Volvo Exhaust Aftertreatment System combining SCR, EGR and DPF (Selective Catalytic Reduction, Exhaust Gas Recirculation and Diesel Particulate Filter).

Automatic regeneration of DPF without driver intervention in normal service.

## Fuel tanks

Diesel [l]	Bodybuilder supply
Ad Blue [l]	48

## Axles, suspension and steering

Front axle	Volvo Beam Axle
Rear axle	Volvo's single reduction axle with optimised ratios
Suspension	Electronically controlled air suspension with kneeling function available on all variants
Power steering	Hydraulic power steering
Tyres	295/80 R22.5" 315/80 R22.5"
Wheels	Steel wheels standard, aluminium option

## Brakes

Volvo electronically controlled disc brakes (EBS)  
Electronic Stability Program (ESP)  
Brake Blending Function (all).

## Driver's environment

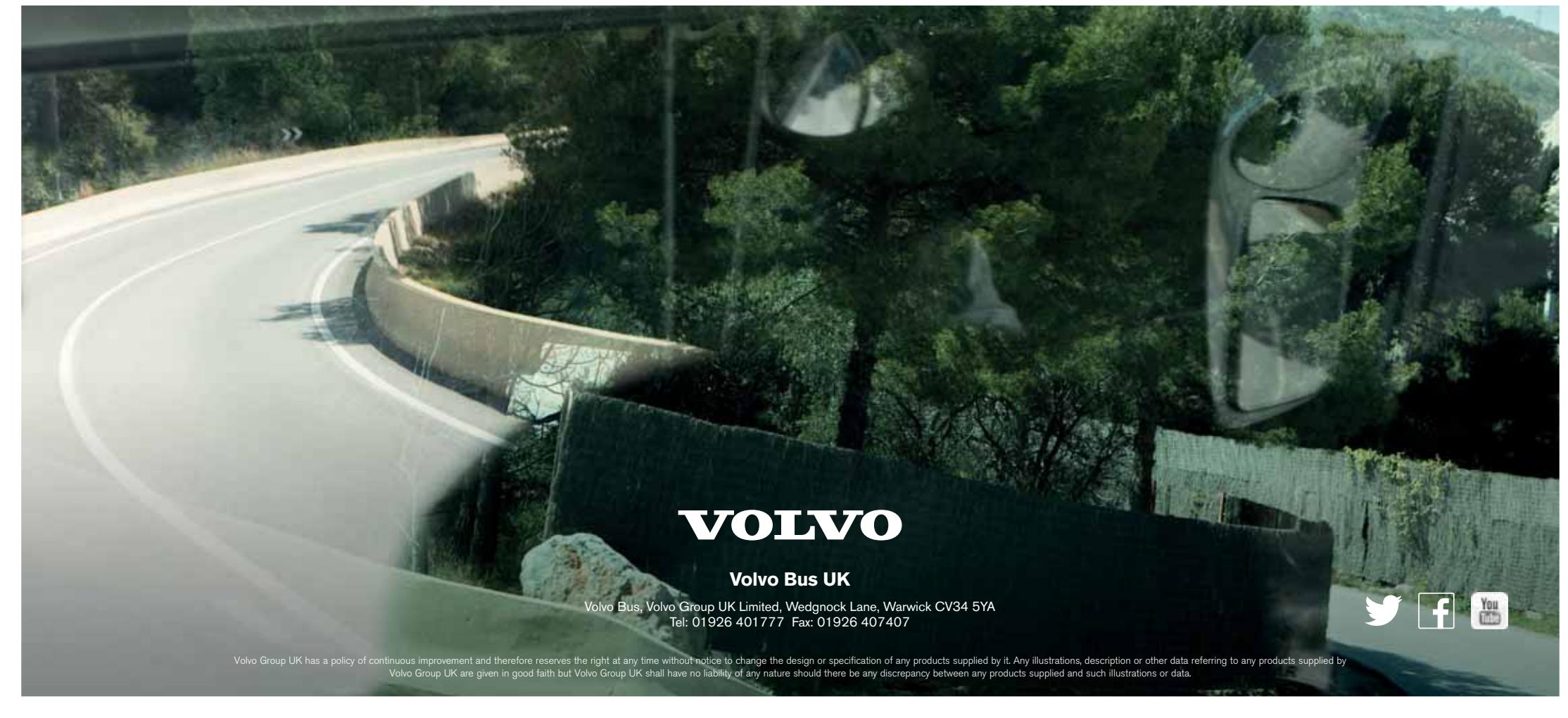
Features such as the new adjustable dashboard and adjustable steering wheel in relation to placement of foot pedals provide the foundation for an ergonomic driver's environment.

New Volvo instrument cluster with enhanced HMI.



Discover more on [www.volvobus.co.uk](http://www.volvobus.co.uk)

**Volvo Bus. Driving quality of life**



**VOLVO**

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