



Volvo Buses. Driving quality of life

VOLVO B8R RANGE FUEL EFFICIENCY FOR URBAN HIGHWAYS





For a first-class fleet

The Volvo B8R range will meet any need in intercity and commuter operations.

Highly versatile through a wide range of variants, yet firmly focused on reducing operating costs.

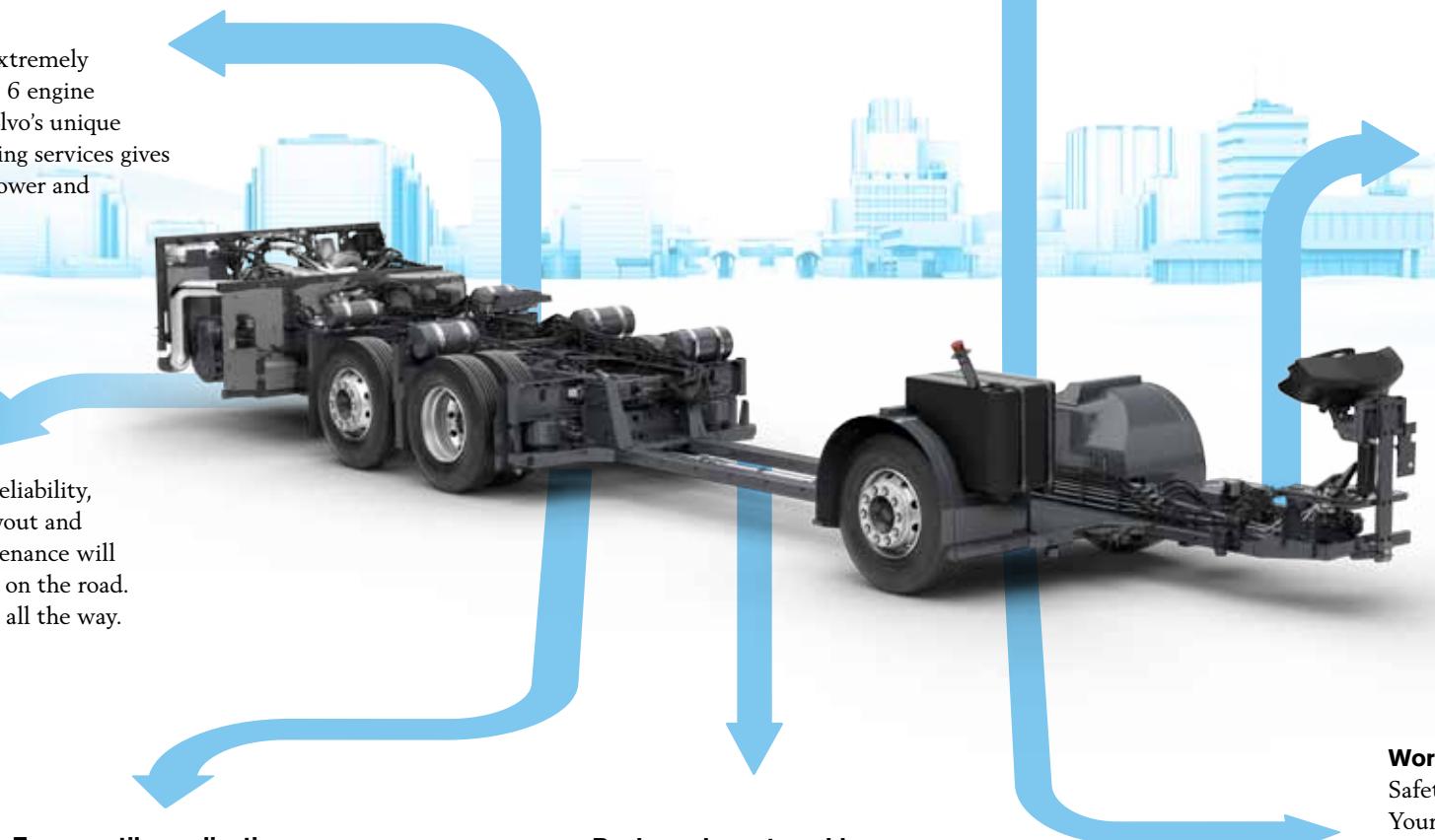
The extremely fuel-efficient Euro 6 engine will keep your operational costs down, while Volvo's high quality ensures superior functionality, passenger comfort and lifecycle productivity.

Reliable and fuel-efficient. In and out of cities and suburbs, onto the urban highways. That's the home ground of the Volvo B8R range.

COMPETITIVE CORNERSTONES

Fuel efficiency

The all-new and 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 or cost-efficient line-haul? With the Volvo B8R range you will get just the vehicle you need. Medium-floor or low-entry, two- or three-axle configuration combined with several power ratings allows you to specify it for your operation.

Environmental performance

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

Driver performance

The Volvo B8R is simply great to drive. Everything in the driver's area is set for superior ergonomics. Why not add on Driver Training to fully exploit the potential of your buses.

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.

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.

True uptime



With Volvo quality inside you have a solid base for long-term productivity.

Trouble-free maintenance

Maintenance and reliability are crucial issues in the life cycle productivity perspective. The Volvo B8R range 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.



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.

IT'S VOLVO INSIDE

Buses and coaches belong on the road. Running efficiently, securing your business. We know every minute and every mile counts. That is why the entire Volvo B8R range 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 Vehicle Management, Service Contracts and Driver Training and you can count on what matters: maximum availability.



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.

SAVE UP TO 10% OF YOUR FUEL COST

Fuel cost is crucial. We can do little about price but quite a lot about consumption.

The Volvo B8R features a new 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. With driver training and services for fleet management it is fully possible to make fuel savings of up to 10%. Bottom line profit from day one.

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

Euro 6 with reduced fuel consumption

With our new extremely 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 the fuel cost of your business.



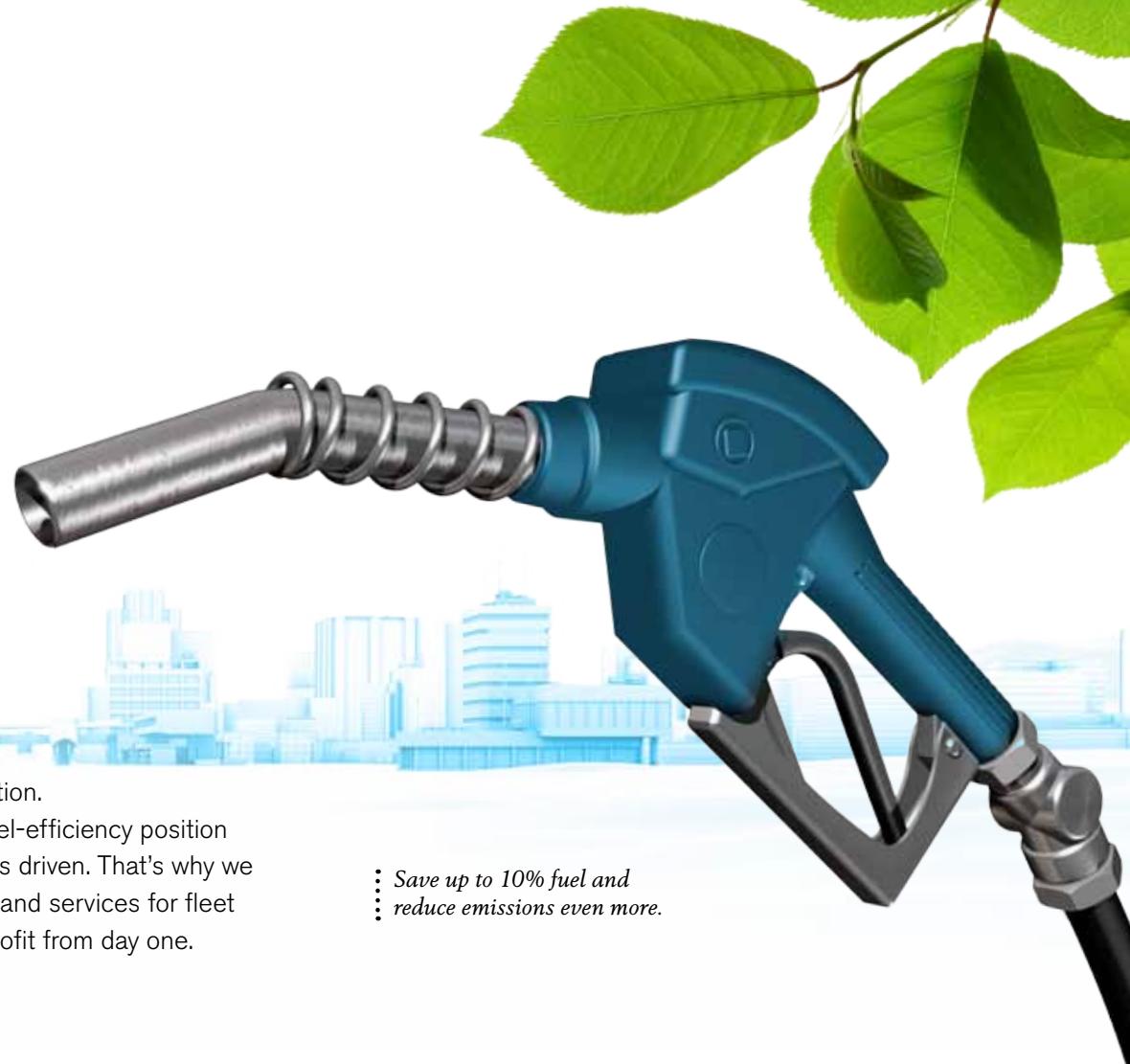
Save fuel online

With Fleet Management 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.



More efficient with driver training

With Driver Training you improve the skills of your drivers and save fuel, and there is huge potential here. Our expert trainers teach drivers worldwide how to drive more efficiently while at the same time providing passengers with a pleasant ride.



| For versatile applications

THE BACKBONE OF YOUR FLEET



The Volvo B8R range is all about versatility and flexibility; capable, reliable and ready to take on a wide range of assignments. When you build a complete full-service commuter, intercity or line-haul 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 range can be specified to meet almost any kind of need. The Low-Entry version makes a perfect commuter while the Medium-Floor version is a solid base for commuters, line-haul or even medium-range coaches. It's available in different lengths and two- or three-axle configuration. Its capacity means it can cater for wide variations in floor and seat layout and luggage compartment capacity.

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 family suits such a variety of applications. Depending on your needs you can choose from three different power ratings up to 350 hp. All provide solid torque and a wide economical rev range.

| A precision-built, rigid and durable frame with a flat top design provides a perfect surface to accommodate immense variation in bodywork.

THE BEST WAY TO GO

Going by bus or 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 range models is a real asset. Consistent and predictable, it helps the driver stay in control, just like in every other Volvo.

Excellent handling and braking

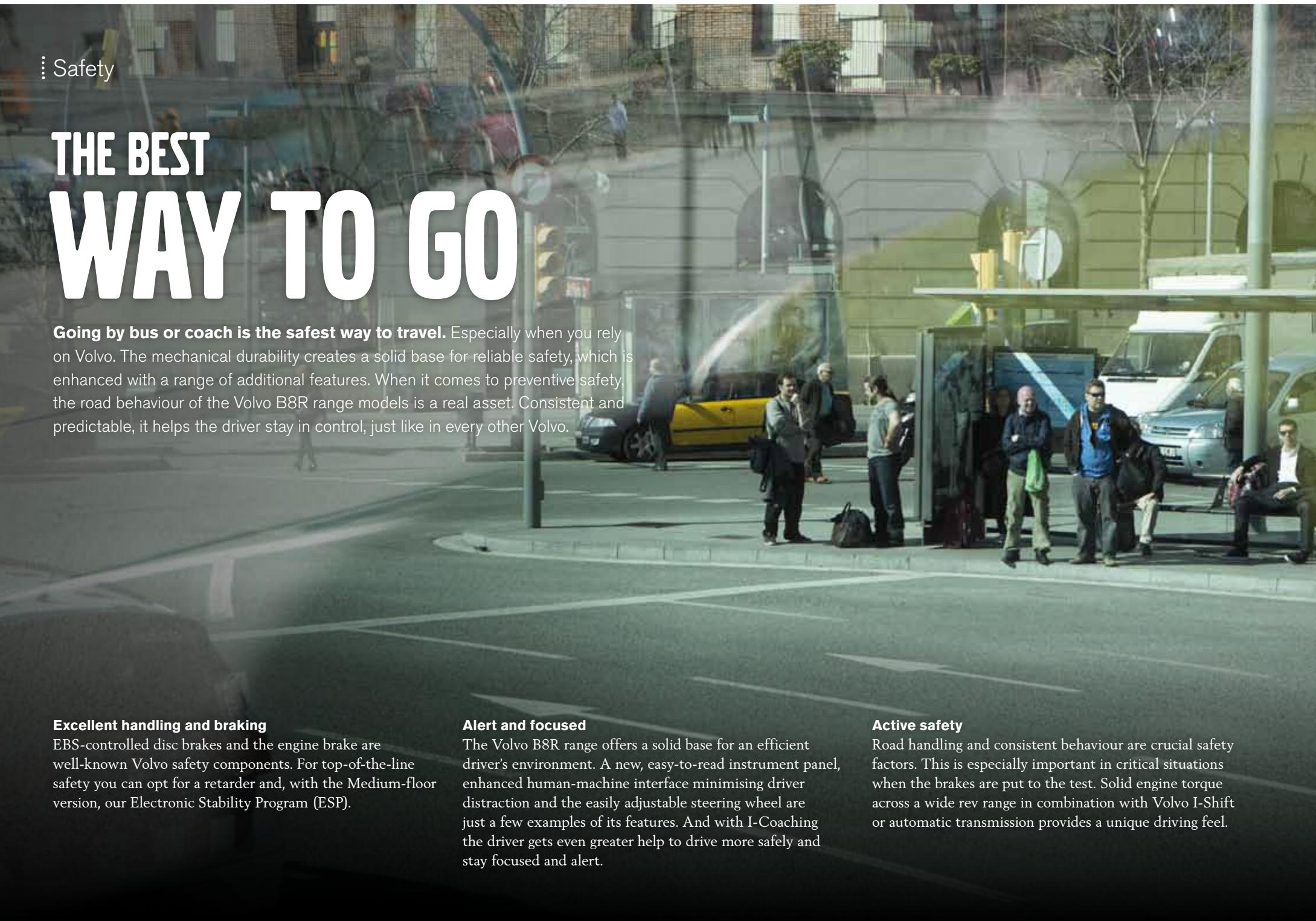
EBS-controlled disc brakes and the engine brake are well-known Volvo safety components. For top-of-the-line safety you can opt for a retarder and, with the Medium-floor version, our Electronic Stability Program (ESP).

Alert and focused

The Volvo B8R range offers a solid base for an efficient driver's environment. A new, 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. And with I-Coaching the driver gets even greater help to drive more safely and stay focused and alert.

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.



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.



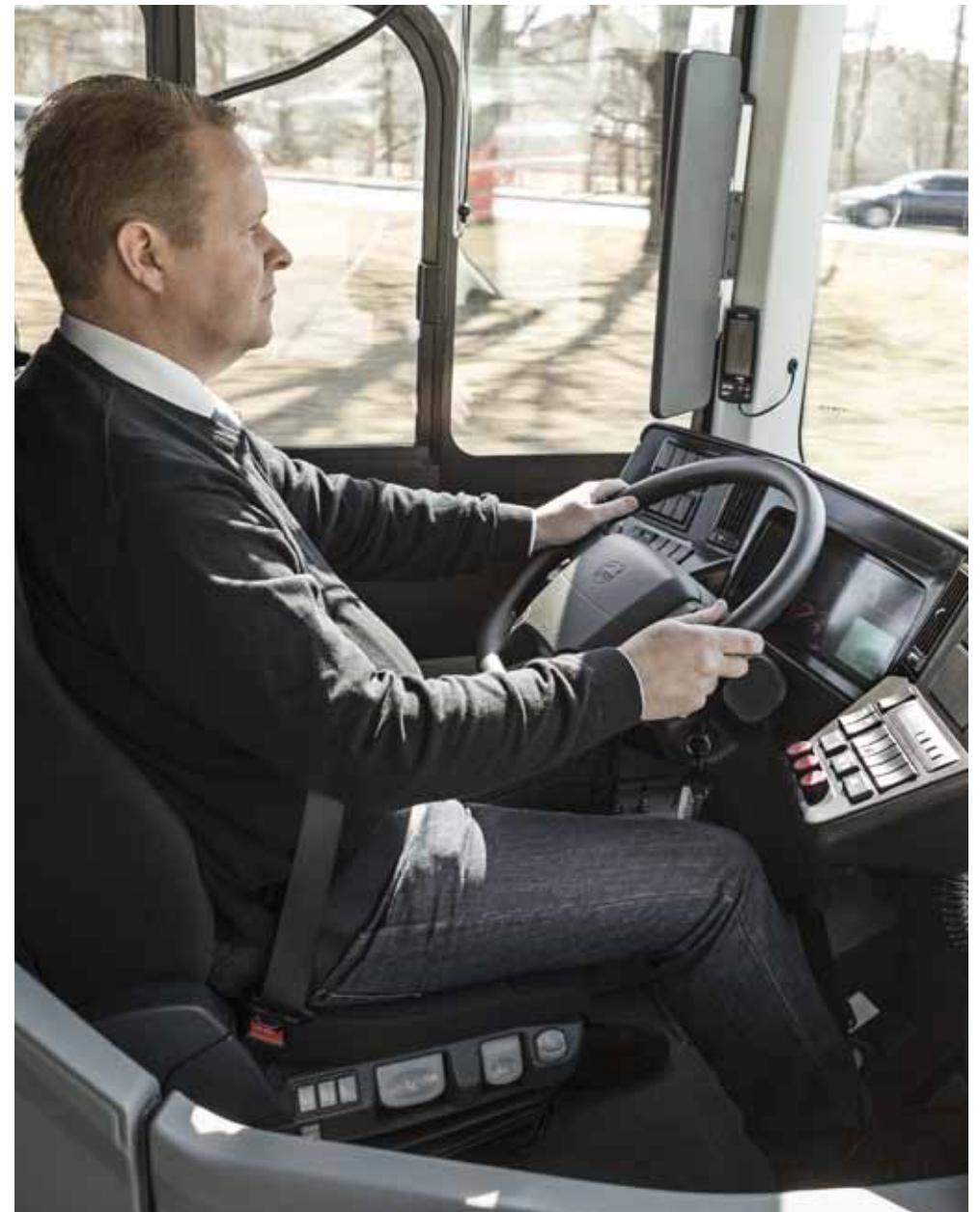
Gear up with I-Shift

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



I-Coaching improves driver performance

I-Coaching assists the driver in driving 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.



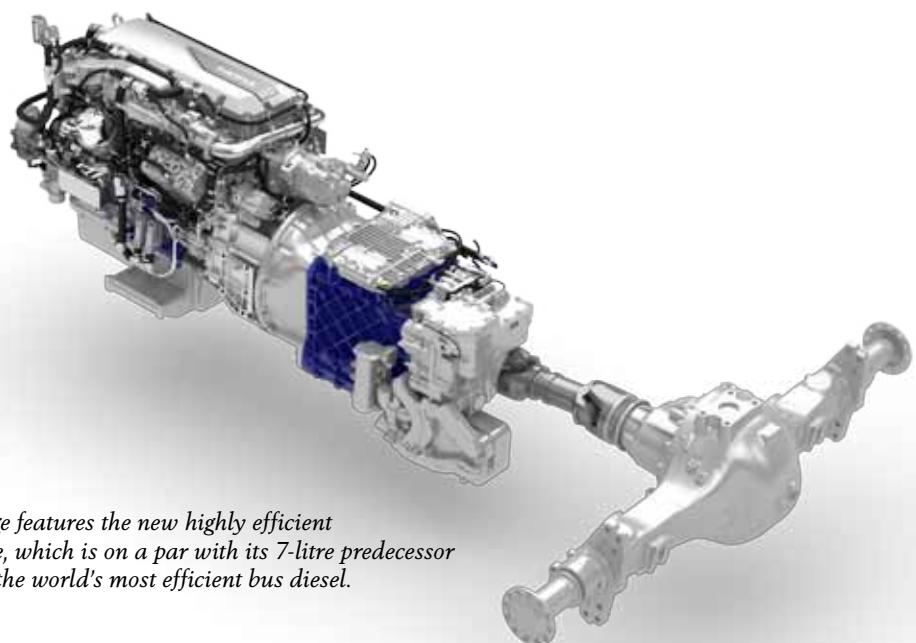
The functional design of a Volvo B8R range chassis naturally extends to the driver's environment. The new instrument cluster is designed to display only relevant information, minimising distraction and helping the driver stay focused and alert.

Environmental performance

GREEN EFFICIENCY BUILT IN



At Volvo we see no contradictions 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. The Volvo B8R features a new 8-litre Euro 6 engine, taking on the world-class fuel-efficiency position of its 7-litre predecessor. And reduced consumption gives less emissions. We call it Green Efficiency, and that is what you get with every Volvo.



The Volvo B8R range features the new highly efficient 8-litre Euro 6 engine, which is on a par with its 7-litre predecessor and is regarded as the world's most efficient bus diesel.



The secret – reduced fuel consumption

The easiest way to deliver environmental performance is to reduce fuel consumption while maintaining power output and torque. And that's exactly what we do with our new, lighter Euro 6 engines. We call it right-sizing. Together with our advanced engine management system and innovative exhaust after-treatment solution you get increased efficiency, with green benefits.

More efficient with driver training

The way you drive shapes the way you perform. Every drop of saved fuel increases profitability. And there is huge potential. With the help of Driver Training you can increase your environmental performance still further. In addition, with our advanced on-line Fleet Management solution you can follow up performance on a regular basis and fine-tune your operation.

YOUR BUSINESS PARTNER FOR UPTIME

When you build a fleet entirely or partly with Volvo B8R range models, 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 services

With our Parts Supply services you can rely on superior availability of Genuine Volvo Parts, helping to secure uptime. In addition, the Volvo B8R range 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.



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.

FACTS AND FIGURES

Dimensions and weights

Model	Low-Entry		Medium-floor	
	2-axle	3-axle	2-axle	3-axle
Length [m]	10.2-12.8	12.4-14.9	10.5-13.6	12.2-15.0
Transport wheelbase [m]	3.5	5.0	3.3	4.0
Approved wheelbase [m]	4.5-7.0	5.0-7.4	5.0-7.7	5.0-7.4
Overall width [m]	2.5			
Frame height at rear structure [m]	1.6			
Permitted GVW [kg]	19 000	24 750	19 000	24 750 26 500

Powertrain

Emission standard	Euro 6	
Diesel engine	Volvo D8K, 6-cylinder, in-line diesel engine with common rail injection	
Output [hp]	280, 320 or 350	
Torque [Nm]	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.

Fuel tanks

Model	Low-Entry	Medium-floor
Diesel [/]	220-410	220-720
Ad Blue [/]	30, 48	30, 48, 64
Transport [/]	50	

Frame

Precision-built, strong, durable frame made of carbon steel. The frame combines good stability with low weight. Precise dimensions make bodybuilding easier. Medium-floor model features C-profile beams with flat, bodybuilder-friendly upper surface.

Brakes

Volvo electronically controlled disc brakes (EBS).
ESP optional on medium-floor models.
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.

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	Hydraulically steered	Hydraulically steered or fixed
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	
Tyres	275/70 R22.5" 295/80 R22.5"	295/80 R22.5" 315/80 R22.5"
Rims	Steel or aluminium rims available	



Volvo B8R Low-Entry



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VOLVO

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