



Volvo Buses. Driving quality of life

# VOLVO B8R RANGE

Made to just keep running



# THE SAFER CHOICE

## Presenting the Volvo B8R range

The Volvo B8R is a true bestseller and has proven itself over millions and millions of productive kilometres. Offering several configurations, power ratings and transmissions, it can become just the bus or coach you need. With a solid feature list, further refined by Volvo's latest technology, we offer a new level of efficiency and safety that will reinforce your successful operation.

## Meet your MONEYMAKER

The versatile Volvo B8R is a moneymaker in both city and intercity applications. It is built with your business in mind, and at Volvo we know what it takes to run a profitable operation. The B8R will help you keep your promises to your customers.

### Cleaner power from your fuel

Volvo has a long-earned reputation for superior fuel efficiency, and the B8R is no exception. Our 8-litre engine is our most efficient engine ever – and it's HVO and RME certified.

### Truly versatile

The Volvo B8R can meet virtually any need; city, schoolbus, intercity and line haul operations. It comes in several configurations and is an excellent base for competent body builders. Create your own Volvo.

### The safety architecture

A rigid, durable framework provides excellent stability and weight distribution. Together with the solid power resources it makes for predictable and consistent road behaviour.

### Driver performance

The Volvo B8R is simply great to drive. Responsive engine, excellent handling and braking properties put the driver in control. And everything in the driver's area is set for superior ergonomics.

### Keeping uptime up

Uptime is a Volvo hallmark and the Volvo B8R won't let you down. Your trouble-free ownership is supported by our global service network and efficient logistics for parts supply – anywhere in the world.

### Drive safely

The Volvo B8R offers unique systems for driver assistance. Collision Warning with Emergency Brake, Lane Keeping Support and the unique Volvo Dynamic Steering.

### Environmental performance

At Volvo Buses we continuously develop technology and services to improve our vehicles' environmental performance and help reduce the footprint of your operation.

### Business in partnership

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



*The Volvo B8R can become exactly the bus you need. Low entry or medium floor, two or three axles, several driveline options and power ratings give you freedom of choice.*



UPTIME AND PRODUCTIVITY

## Towards 100% UPTIME

As a vehicle manufacturer Volvo has a commitment to support every customer. Not only with first-class quality vehicles but also processes, advice and services in order to keep the customer's operation up and running. The full power of the Volvo Group is there for your success.



### A worldwide service network

Lasting productivity starts with optimised preventive maintenance. Our widespread service network, with over 1500 service stations globally, and swift logistics enable us to offer a wide range of service solutions – always with Genuine Volvo Parts to ensure lasting quality.

### Sign up for a Service Contract

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

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.

## Reduce emissions by saving fuel

The Volvo B8R will give you environmental performance with a business upside. That's because the easiest way to reduce emissions is to cut fuel consumption. And that's exactly what we do with our advanced Euro 6 technology; highly efficient aftertreatment and increased power and torque. Volvo's engine technology in itself offers world-class fuel-efficiency.

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 connected services for fleet management it is fully possible to reach two-digit figures for fuel savings. Bottom line profit from day one.

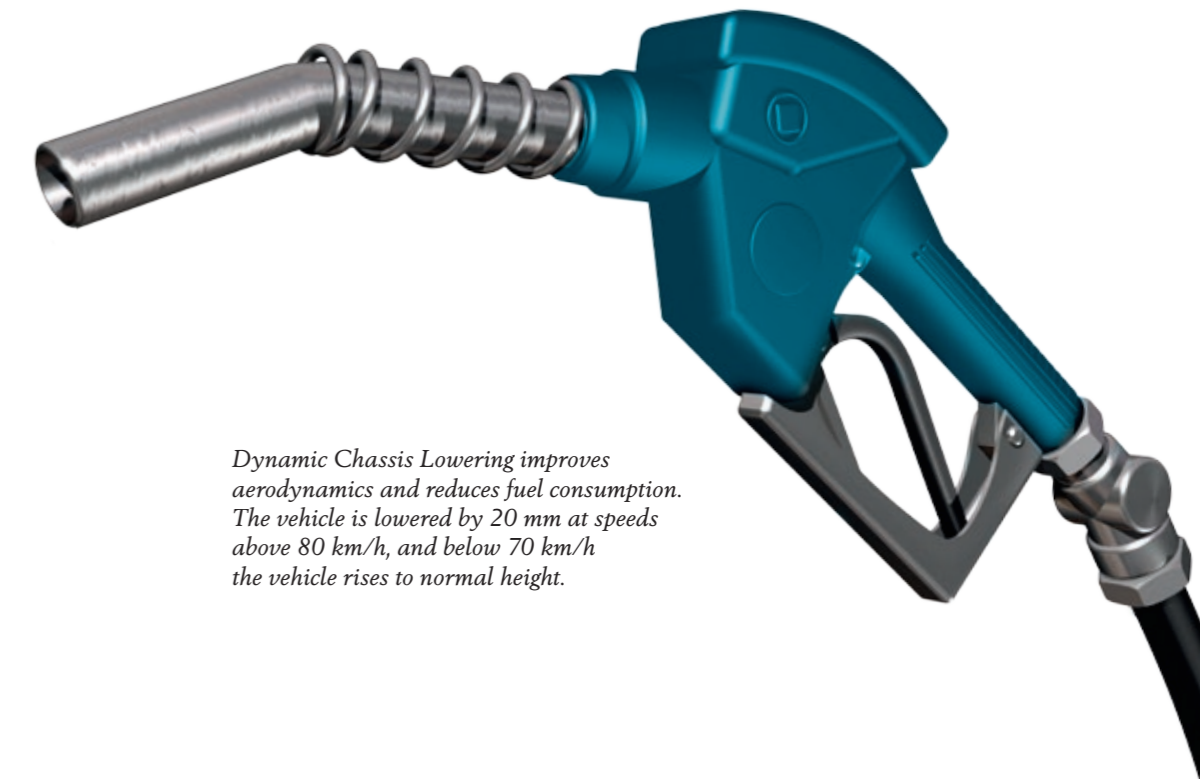
### Fuel efficiency with Volvo Euro 6

The Volvo D8K Euro 6 engine is our most fuel efficient engine ever. It combines environmental performance with high power output and torque. Together with the legendary Volvo I-Shift 12-speed gearbox you get increased efficiency, while reducing the fuel cost of your business.

### Reduced footprint with connected service

Fleet Management lets you trace variations in fuel consumption and emissions – and the effect of driving style and other parameters. Tailored reports help you trace irregularities. When you know the reasons, it's easy to take suitable action.

FUEL EFFICIENCY AND ENVIRONMENTAL CARE



*Dynamic Chassis Lowering improves aerodynamics and reduces fuel consumption. The vehicle is lowered by 20 mm at speeds above 80 km/h, and below 70 km/h the vehicle rises to normal height.*

### More efficient with driver training

With Driver Training you improve the skills of your drivers. You will save fuel, improve uptime and reduce wear and tear. Our expert trainers teach drivers worldwide how to drive more efficiently while at the same time providing passengers with a pleasant ride.



## Relax in VOLVO SAFETY

Going by bus and coach is the safest way to travel on the road. And with a Volvo you benefit from our continuous research and development focused on and committed to our safety vision: zero accidents with Volvo products. Helping the driver avoid situations that might lead to the risk of an accident is a given priority.

In a Volvo B8R, safety is built in from the very start. The rigid structure, wheel suspension and brakes are designed and dimensioned to cope with any foreseeable situation. And now we've added unique systems for driver assistance, just because we see driver performance as a principal safety factor.

## Unmatched driver control

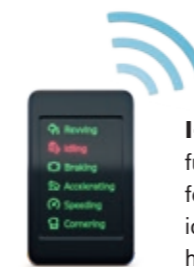
Safety and comfort start with driver performance. The Volvo B8R gives outstanding stability and predictable road behaviour. It is the perfect platform for building a driver's environment of the highest standards.

### World-class driver assistance

In the driver's seat you will experience driving the Volvo way. The B8R features options such as Volvo Dynamic Steering, Collision Warning with Emergency Brake and Lane Keeping Support. And the powerful engine and automatic transmission keep the ride smooth and efficient.

### A better workplace

When you specify your Volvo B8R with telematics-based Fleet Management you can also add I-Coaching which gives instant feedback to the driver and supports continuous improvement in driving performance. And for personal and passenger security you can add the Request Support Alert, an on-line emergency alarm using the mobile network.



**I-Coaching** helps the driver to drive more safely, fuel efficiently and comfortably. It provides instant feedback on parameters such as over-revving, excessive idling, over-speed and harsh braking or cornering, helping the driver improve performance.



**CW-EB, Collision Warning with Emergency Brake**, detects 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**, assists the power steering and makes driving virtually effortless. The driver benefits from increased cruising stability, less strain on neck and shoulders and a unique return-to-zero capability.



## Services for a **BETTER BUSINESS**

As your business partner we can provide more than our first-class vehicles. You also get a global service network – yet with a single point of contact, taking full responsibility for all chassis and driveline-related matters. But it doesn't stop there. Volvo also offers a range of value-adding services from which you can choose, combining them to create an optimised solution.

### **Global service network**

Your vehicles and your business are always in good hands thanks to more than 1500 service centres all over the world.

### **Service Contracts**

Substantially reinforce uptime and availability, at a specified monthly rate.

### **Parts Supply Contracts**

Availability of Genuine Volvo Parts and optimisation of your spare parts stock based on prediction and follow-up.

### **Financing**

Competitive financing solutions, perfectly suited for your business situation.

### **Volvo Action Service**

Worldwide assistance, multilingual phone support and a range of assistance services open 24/7.

### **I-Coaching**

Instant feedback generates cost reduction through lower fuel consumption and reduced wear. Improved passenger comfort.

### **Driver Training**

Identifies need for improvements and provides practical training.

### **Vehicle Management**

Keeps track of mileage, usage, wear and technical alerts. On-line and in real-time.

### **Fleet Management**

Real-time monitoring and clear reports make it possible to track fuel cost, emissions, driving behaviour and position for each vehicle in your fleet.

## Volvo speaks your **BODY LANGUAGE**

With the Volvo B8R range you give your bodybuilder the best possible start. Regardless of application, you get a strong, rigid framework on which it is easy to build a stable, weight-efficient body structure. All service points are located for simple and swift maintenance, and since it's a Volvo you'll find the highest material quality in every detail.

The Volvo B8R range is designed to suit any city and intercity traffic application. That's why we offer the Volvo B8R with medium-floor or low-entry, the B8R LE. Both come in 2- and 3-axle versions. Both permit wide doors and a wide centre aisle, making for high passenger capacity with quick entry and exit. And the efficient passenger flow is further enhanced by the kneeling function.



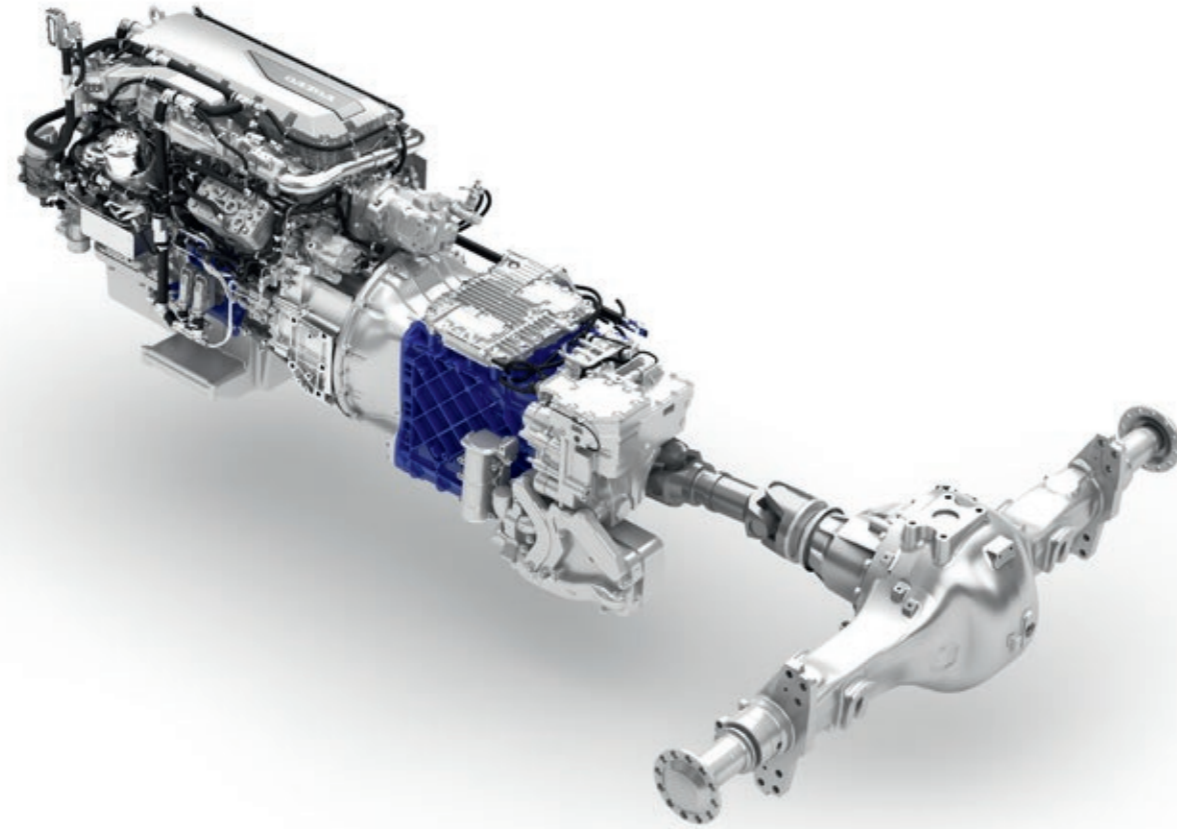
*Volvo's warranty policy truly makes the B8R a safer choice. It covers all chassis-related warranty claims – including engine and transmission. What's more, all Genuine Volvo Parts come with a 12-month fitted warranty.*

DRIVELINE

# CLEANER POWER

The Volvo D8K Euro 6 is a smarter and lighter engine. Reduced emissions, yet maintained power output and torque. It comes with a choice of power specifications to fit any kind of application and type of traffic. It's a genuine Volvo engine which means full commonality with Volvo Trucks when it comes to the parts and service network.

Depending on application, you can choose from two automatic transmissions and the renowned Volvo I-Shift automated gearbox, in order to optimise performance and fuel efficiency. The rear axle is one of the most durable ever built, and depending on type of operation the service interval is up to 400,000 km.



*The Volvo D8K is our most fuel-efficient engine ever, featuring Volvo's advanced aftertreatment technology. It's also HVO and RME certified to further reduce its CO<sub>2</sub> impact.*

# FACTS AND FIGURES

Model	B8R		B8R Low Entry	
	4x2	6x2	4x2	6x2
<b>Dimensions and weights</b>				
Overall chassis length approx. (m)	10.5-13.6	12.2-15.0	10.1-12.8	12.3-14.9
Approved wheelbase (m)	5.0-7.7	5.0-7.4	4.5-7.0	5.0-7.4
Overall width (m)	2.5	2.5	2.5	2.5
Permitted GVW (kg)	19,500	24,750/26,500	19,500	24,750
<b>Powertrain</b>				
Emission standard	Euro 6, certified for HVO and RME			
Engine	Volvo D8K, 6-cylinder, in-line diesel engine with common rail injection			
Output [hp]	280, 320, 350			
Torque [Nm]	1050, 1200, 1400			
Transmission	Volvo I-Shift AT2412F, ZF 6AP1200C, ZF 6AP1400C, VOITH D864.6			
<b>Axles, suspension and steering</b>				
Front axle	Volvo RFS		Volvo RFS-L	
Rear axle	Volvo single reduction axle RS1228C			
Tag axle	n/a	Hydraulically steered	n/a	Hydraulically steered
Suspension	Electronically controlled air suspension with optional kneeling function			
Dynamic Chassis Lowering	Optional		n/a	
Power steering	Hydraulic	Hydraulic	Electrically driven - hydraulic steering	Hydraulic
Volvo Dynamic Steering (VDS)	Optional		Optional (available in 2018)	
Tyres	295/80 R22.5", 315/80 R22.5"		275/70 R22.5", 315/80 R22.5"	
Rims	Steel or aluminium rims available			



## Brakes

Volvo Electronic Braking System (EBS) with integrated Anti-lock Braking System (ABS), Brake Blending, Hill Start Aid, Brake Assist. Volvo Electronic Stability Program (ESP) and built-in hydraulic retarder available as standard.

## Frame

Precision-built, strong, durable frame made of carbon steel. C-profile beams with flat, bodybuilder-friendly upper surface.

## Driver's environment

Ergonomic design with easy-reach controls. Adjustable steering wheel (reach and rake). Volvo instrument cluster with enhanced HMI.

## Tanks

	B8R	B8R Low Entry
Diesel (L)	220-720	300-410
AdBlue (L)	30, 48, 64	30, 48
Transport (L)	50	50

Discover more on [www.volvobuses.com](http://www.volvobuses.com)



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**VOLVO**

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