



Volvo Buses. Driving quality of life

VOLVO B8L DOUBLE DECKER

Made to just keep running



THE SAFER CHOICE

Presenting the Volvo B8L Double Decker

In the world's busiest cities, buses are a vital part of the bloodstream. People trust the bus network to take them to work, in and out of the city centre and back home at night. Day in, day out.

The new Volvo B8L has been developed uniquely in cooperation with leading operators to better meet their challenges of tomorrow. It is a purpose-built double deck chassis featuring the highly efficient Volvo D8K engine, delivering more power from less fuel. A new design from a proven source makes it a safer choice.

FOR THE BUSY CITY

Buses must be cost-efficient, reliable, and allow swift and simple maintenance. They must also cater to the passengers' demand for punctuality and comfort and provide a healthy driver's workplace. The Volvo B8L is just such a bus.

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.

Fuel-efficiency

The extremely fuel-efficient and right-sized Euro 6 engine provides uncompromised power and productivity.

Performance

Increased power, lower weight, more torque, tighter turning circle and enhanced departure angle are just a few of the performance improvements of the Volvo B8L.

Safety

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

Passenger experience

The Volvo B8L comes with several enhancements for its passengers. Low interior noise, improved ride comfort and climate, and more floor space make Volvo a winner.

Driver performance

The Volvo B8L is simply great to drive. Improved take-off and hill-climbing performance in combination with Volvo's well-balanced chassis make driving pleasant and rewarding.

Outstanding reliability

Volvo's I-Start system features separate starting and service batteries, which increase reliability and reduce the lifetime battery cost. The modular electrical system makes diagnostics more efficient and accurate.

A safer ride

Volvo's Electronic Stability Program (ESP) and Electronic Braking System (EBS) will help the driver in any road condition by distributing the braking force optimally.

Connectivity

Specify your B8L with our on-line Fleet Management service allowing your vehicle to provide real-time reports on position and driver performance as well as fleet and vehicle status.



The B8L features an efficient driveline layout, without angle drive, which notably reduces fuel consumption and interior noise. The layout also allows larger free floor space for the passengers.

BENEFITS

UPTIME AND PERFORMANCE

Genuine VOLVO POWER

The Volvo B8L is the result of a no-compromise engineering philosophy. A more powerful engine, higher torque and up to 600 kg less in chassis weight, makes take-off and hill-climbing virtually effortless. And the improved turning radius will take you around the tightest corners. The Volvo B8L is ready for the pulse and the beat of today's – and tomorrow's – city life.

The B8L features a new driveline concept. The well-proven 8-litre engine is 40 hp more powerful than its 9-litre predecessor. Its power is put onto the tarmac by a reliable, 1400 or 1600 Nm-rated automatic gearbox. This driveline configuration offers better fuel efficiency, longer service intervals and, for the benefit of both passengers and driver, a lower interior noise level.



The Volvo B8L in brief

- 350 hp D8K Volvo engine
- 1400 or 1600 Nm-rated automatic gearboxes
- New rear axle and driveline configuration
- Fuel-saving electrically powered auxiliaries
- Oil management system ensures the optimal oil level
- Up to 600 kg weight reduction
- Electrically powered hydraulic steering
- Improved turning radius
- Improved departure angle



PASSENGER SATISFACTION

Your passengers deserve punctuality, comfort and a swift ride to their destination. With the Volvo B8L you can offer a real improvement. Solid acceleration and stability make the ride both smoother and quicker.

The driveline is designed to minimise mechanical losses throughout the transmission. The result is reduced fuel consumption, less interior noise and improved ride comfort. Additional benefits are that the centre aisle can be made wider and completely flat, which improves passenger flow and the overall productivity.

The driver is assisted by several safety functions. The optional hill start aid, anti-slip, acceleration limiter, electronically controlled brakes (EBS) and the electronic stability programme (ESP). In addition to the safety increase, your passengers will also experience a more comfortable ride.

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.

Finance and Insurance

Flexible finance packages and tailored insurance policies help you make your investment – and protect it. From a single unit to an entire fleet, you'll get a customized solution from a partner that understands your business.

Fleet Management

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

Extended coverage

The Volvo B8L comes standard with a full two-year warranty and up to five years optional coverage on the driveline.

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.

FACTS AND FIGURES

Model	B8L DD 6×2
Dimensions and weights	
Overall chassis length approx. (m)	11.8
Approved wheelbase (m)	5.6
Overall width (m)	2.5
Permitted GVW (kg)	24,800
Powertrain	
Emission standard	Euro 6
Engine	Volvo D8K, 6-cylinder, in-line diesel engine with common rail injection
Output [hp]	350
Torque [Nm]	1400
Transmission	ZF 6AP1400C, ZF 6AP1600C
Axles, suspension and steering	
Front axle	Volvo RFS
Rear axle	ZF AV133
Tag axle	Fixed
Suspension	Electronically controlled air suspension with kneeling function
Power steering	Electrically powered hydraulic steering
Tyres	275/70 R22.5" or 305/70 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 brake pedal controlled hydraulic retarder available as standard.

Frame

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

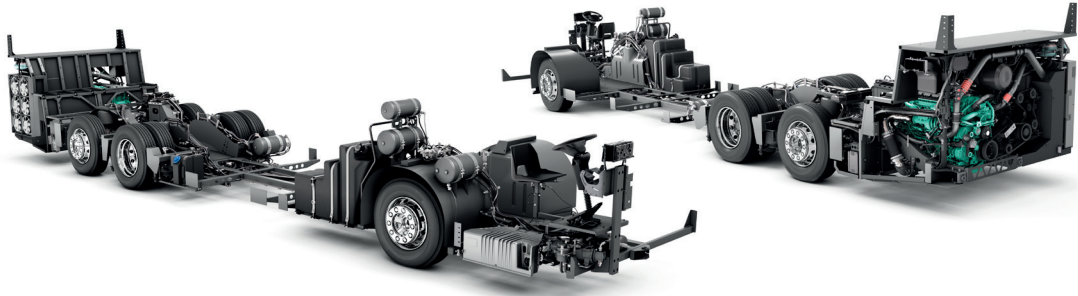
Driver's environment

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

Electrical system

CAN bus based chassis electrical system. LIN communicating Alternators with load balancing. Volvo I-start system with separate start and consumer batteries.

Tanks	
Diesel (L)	350, 375
AdBlue® (L)	30
Oilmaster® (L)	7



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VOLVO

Volvo Bus Corporation

Göteborg, Sweden
www.volvobuses.com

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