

# VOLVO 9400 6X2 MULTI-AXLE COACH



WHEN THE BEST  
GETS **BETTER**



**10**  
YEARS IN INDIA  
**VOLVO BUSES**  
2001-2011

6X2 MULTI-AXLE COACH

# VOLVO 9400

THE BEST SELLER

In 2001, Volvo Buses introduced a world class inter-city bus based on a true-bus chassis and rear engine, redefining the luxury bus segment. The introduction of Volvo Buses was the catalyst that infused a whole new range of technology and level of comfort that set the benchmark in the bus industry.

Volvo Buses redefined efficient bus travel with high vehicle uptime, ride comfort, transport economy, a flexible and versatile design that offers reliable, safe and profitable transport solutions.

Volvo 9400 6x2 multi-axle coach takes this high performance to the next level, Volvo brings the new. Contemporary in design and styling, it is an advanced transport solution for operators and passengers. For customers it translates into increased revenues and improved transport economy and for the passengers it means an even more comfortable ride on long distance travel.





The Volvo 9400 6x2 offers greater occupancy levels without compromising on the high performance levels. The new multi-axle coach is built by Volvo in India at its state-of-the-art plant in Hosakote near Bangalore.

The Volvo 9400 6x2 with its smooth bodyline is a testimony to a designer's passion. The clean body line offers space for graphics which gives every coach a unique identity. Complementing the aesthetic body line and styling is the Volvo D9B 340 hp, 6-cylinder in-line, EURO-III engine with a high performance gearbox and precise combustion order.

The paradigms of efficiency, built quality and safety are further enhanced with the driver compartment ergonomically designed for stress free operation. The sturdy and rigid vehicle structure

ensures a superior body. The electronically-controlled brake system (EBS) further exemplifies the safety of Volvo 9400 6x2.

Comfort moves to luxury with low noise and vibration-free interiors. Coupled with this are ergonomic seats and a perfect climate controlled environment, with a roof-mounted air-conditioning system and heat insulated windows.

The wide range of colors, with its revolutionary styling makes it stand out in the crowd and a desired product in your fleet of performers.

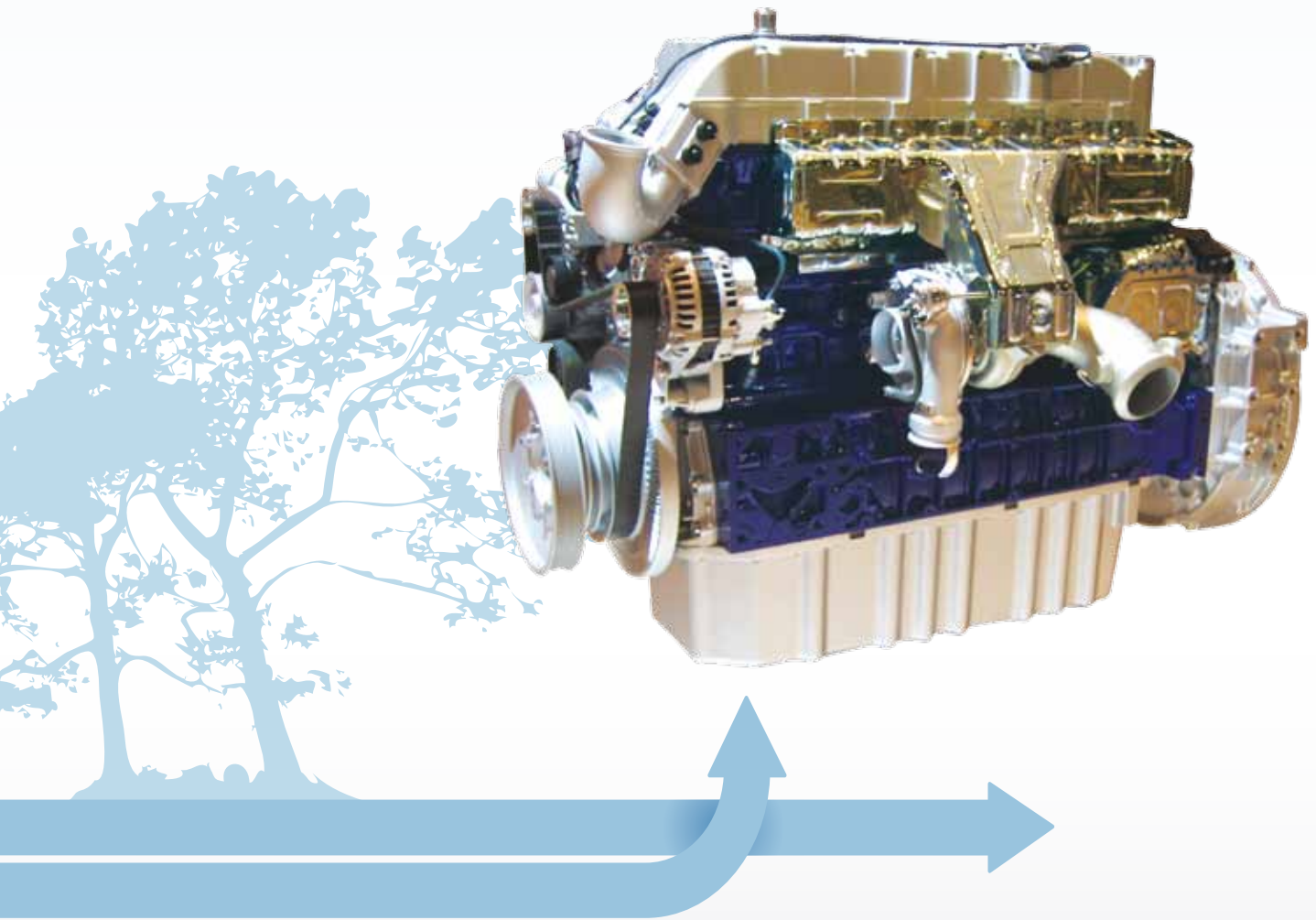


# BEAUTY LIES UNDER THE SKIN

Volvo 9400 6x2 delivers maximum availability with minimum maintenance, low fuel consumption and long service life.

With a highly powerful Volvo D9B 340 engine, this inter-city coach has proven itself in diverse operating conditions across the world. The optimum power-to-weight ratio of the engine enables effortless driveability with additional passengers on board.

In a short span of one year, it was voted as the best inter-city coach in India. Today, leading STUs and private operators have made Volvo 9400 6x2 a first choice for long distance routes across the country.



**D9B 340HP - Reliable and fuel-efficient engine**

The D9B 340 hp, 6-Cylinder inline, EURO-III is a modern 9-liter diesel engine with a turbo charger. The fuel injection system comprises high pressure unit injectors that allows air fuel mixture to be injected. The fuel injection at high pressure allows complete combustion which results in higher fuel efficiency and low emission levels.

Its compact design helps to carry an increased payload. The D9B 340 conforms to EURO III standards and features the Volvo Engine Management System (EMS2), which provides efficient and precise engine control. The Engine Control modules take in the data from several sensors on the engine and the vehicle, compares current readings with stored parameters and adjusts fuel quantity and injection timing accordingly. It is integrated with the bus electronic system and permits advanced communication with the driver via information display on the dashboard.

**High performance gearbox**

Volvo 9400 6x2 has a manual 6-speed gearbox, the ZF 6S 1600, with 6 forward and 1 reverse speed, which are fully synchronized - ensuring easy operations. The gearbox is lighter due to aluminum housing.

**Dual air intake**

The Volvo 9400 6x2 has a dual air intake placed above the engine to avoid the suction of road dust and water into the air filter. This helps in keeping the engine cleaner and reducing operating cost.

**Fuel tank**

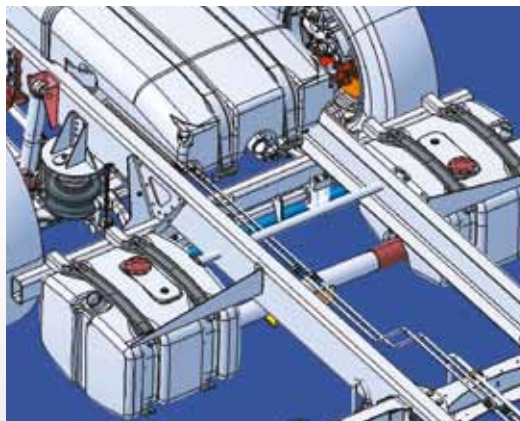
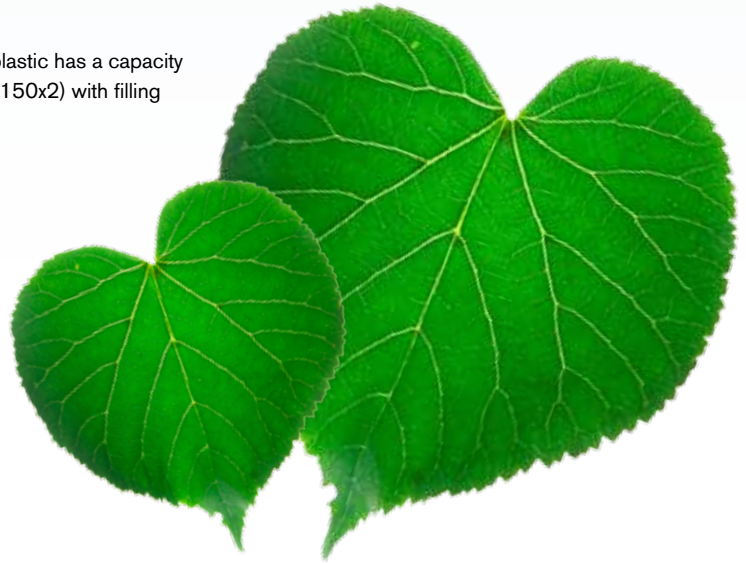
The fuel tank made of plastic has a capacity of 600 ltrs - (300 x1 + 150x2) with filling options on both sides.

**Electrical systems**

The Volvo 9400 6x2 has 2 alternators with (100A x 2 alt) current capacity to meet the high loads of electricity required for bus operations

**Small turning circle**

Volvo 9400 6x2 has an integral hydraulic power assisted steering system with a circulating ball-and-nut type steering gear. The maximum deflection of the inner front wheel being 53 degrees, the bus has a turning radius of 10.5 mts for a 7.1mtr wheel base.



# TRAVEL IN THE LAP OF LUXURY



The eye-catching exteriors extends into spacious interiors, charming travelers' from all walks to enjoy the Volvo 9400 6x2, experience. The coach combines form and function for elegance and comfort, taking luxury bus travel to new heights.

Volvo 9400 6x2 offers the distinctive European elegance and styling. The minute detailing of the distinctive Volvo grill, the imposing front and rear view and the powerful headlights and tail lights makes the Volvo 9400 more than a mere product that you wish to add your fleet. The smooth body line gives a perfect moulded look. The well fitted tinted windows seamlessly joined gives a neat look and is easy to clean.

The Volvo 9400 6x2, comes with a sturdy exterior, built on a strong body frame and subject to an anti-corrosion treatment to withstand the tough operational conditions. The true bus chassis design makes long distance travel much more comfortable. The all new driver environment controls make it driver-friendly for stress-free, long journeys.



#### **High Capacity**

The interiors complement the sturdy exteriors with an aesthetic and spacious design. The Volvo 9400 6x2 offers a capacity of 53 luxury reclining seats, the best in class offered in luxury coaches. The excellent air-conditioning, vibration and noise-free interiors offer a smooth ride unmatched when compared to other luxury coaches.

#### **Additional axle**

For the first time, Volvo Buses have introduced an additional pusher axle at the rear. The new Volvo 9400 6x2 comes with a longer wheel base of 7170 mm thereby adding more passenger seats in the saloon of 13.7 meters length, contributing to higher revenue and profitability.

#### **Air suspension system**

Volvo 9400 6x2 is fitted with an air suspension with two air bellows in the front and six air bellows in the rear to iron out irregularities of the road and offer a high degree of ride comfort

#### **Floor based luggage space**

Over 10 cum. of floor level luggage space with easy access to load and unload baggage has been provided in the Volvo 9400 6x2.

Volvo 9400 6x2, is designed with safety as the core ingredient, right from the drivers' seat to the passengers' compartment. The dedicated bus chassis with rear mounted light weight engine offers excellent road handling and stable drive on all gradients and weather conditions.

Driving a Volvo 9400 6x2 is a sheer pleasure with an ergonomically designed driver's cabin with a pneumatically adjustable driver's seat fitted with seat belts, which can be adjusted for the perfect driving position. The driver can adjust the angle and height of steering wheel to his convenience. The driver gets a good all round vision through the large windscreen, rear view mirrors and a close quarter mirror on the passenger side. The compact integrated powerful head lamps with its long range beam of light makes for safe night driving and during bad weather.

#### **Hydraulic Retarder**

The hydraulic retarder complements the normal braking which considerably reduces wear on the brake lining. The hydraulic retarder mounted on the gearbox output is a standard fitment.

#### **The Engine Management System (EMS2)**

Communicates with the driver, via a clear display on the instrument panel, providing right diagnostic information of the vehicle. The instrument console has a simple and logical design with convenient and easy to use controls.

#### **Radial Tyres**

Tubeless radial tyres are fitted to ensure higher mileage, good road grip, wet-rolling resistance, better braking, stable driving and a longer tyre life.

#### **Roll-over protection**

Volvo 9400 is built on a very strong frame to handle frontal impact and roll-over protection making it safer.

#### **EBS Medium Disc Brake System**

EBS medium is an electronically operated type anti-lock disc brake system that is integrated to the vehicles electronic system. The system improves road safety with 10-15% shorter stopping distances on all terrains & road conditions.

The brakes are designed in such a way that the brake disc is always in full contact with the brake lining regardless of the temperature. The brake disc is mounted on the hub via a patented spline-like joint allowing the disc to expand symmetrically. The brakes are designed for operating reliability and longer service life.



# **VOLVO BUSES. DRIVING QUALITY OF LIFE**

# **VOLVO**

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