

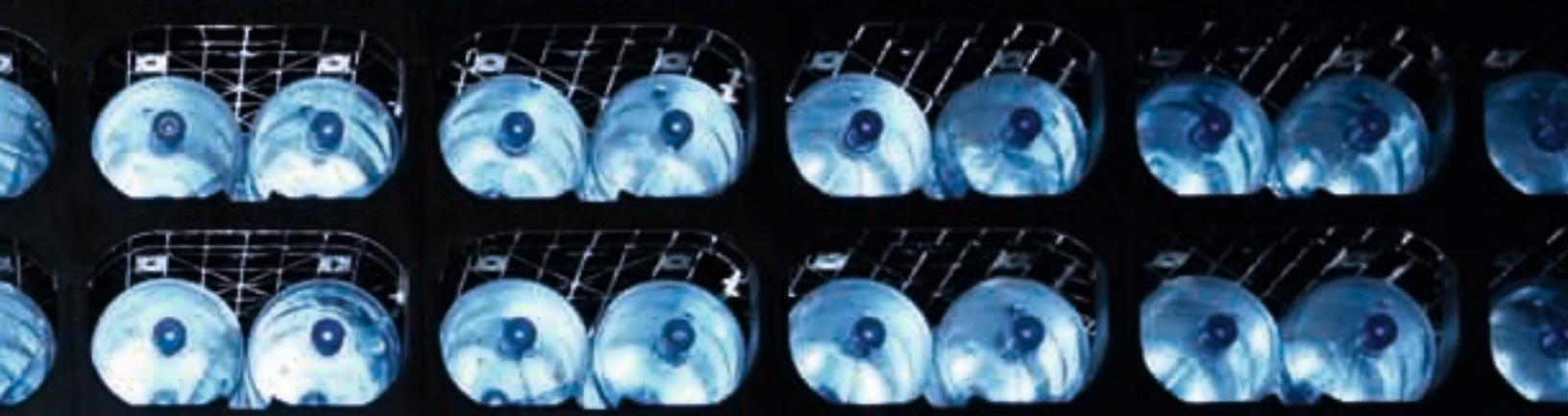
VOLVO FE





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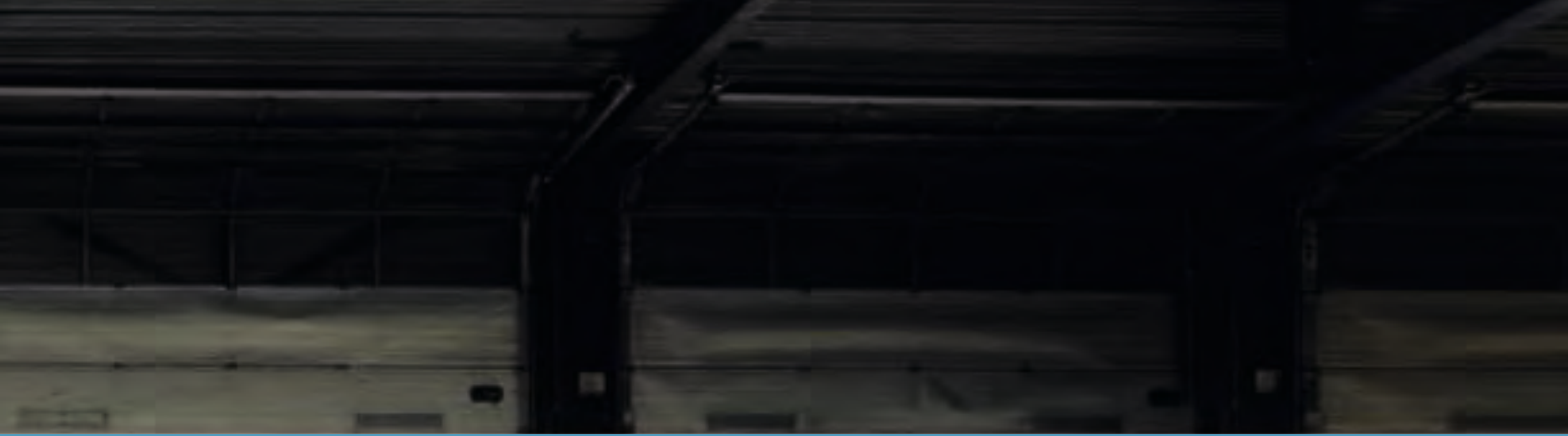




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WORLD







The Volvo FE is designed and built for efficient local and regional transports with gross weights of 18 to 26 tonnes. It combines Volvo's renowned values of safety, quality and dependability with industry-leading technology and modern design.

This means, among other things, that you get a comfortable, functional cab that offers you perfect overview and control. A broad new range of powerful engines that allow you to optimise your truck to suit your needs. A driveline that offers class-leading performance, superb driveability, low fuel consumption and good environmental properties. And an amazingly versatile chassis that can be specified exactly to suit the task for which the truck is intended. So for distribution, refrigerated or frozen-goods transportation, refuse handling, light construction duties and various forms of tanker and bulk-goods transportation, the Volvo FE is the ideal choice. Entering the Volvo FE also means entering the Volvo Truck world. Here you will find an unmatched total offering of services and products that are all designed with one and the same aim: to make your operation as productive and profitable as possible.

We also want to take this opportunity to present our latest innovation – the Volvo FE Hybrid. A truck with exceptionally low fuel consumption, extremely low

emissions and the possibility of running for short distances almost soundlessly. Read more about the Volvo FE Hybrid on page 38.

VOLVO FE • model range

Volvo FE 4x2 tractor

Gross vehicle weight (GVW) 18-19 tonnes.

Gross combination weight (GCW) 26-44 tonnes.

Power output 260, 300, 340 hp.

Volvo FE 4x2 rigid

Gross vehicle weight (GVW) 18-19 tonnes.

Gross combination weight (GCW) 26-44 tonnes.

Power output 240, 260, 300, 340 hp.

Volvo FE 6x2 rigid

Gross vehicle weight (GVW) 26 tonnes.

Gross combination weight (GCW) 32-44 tonnes.

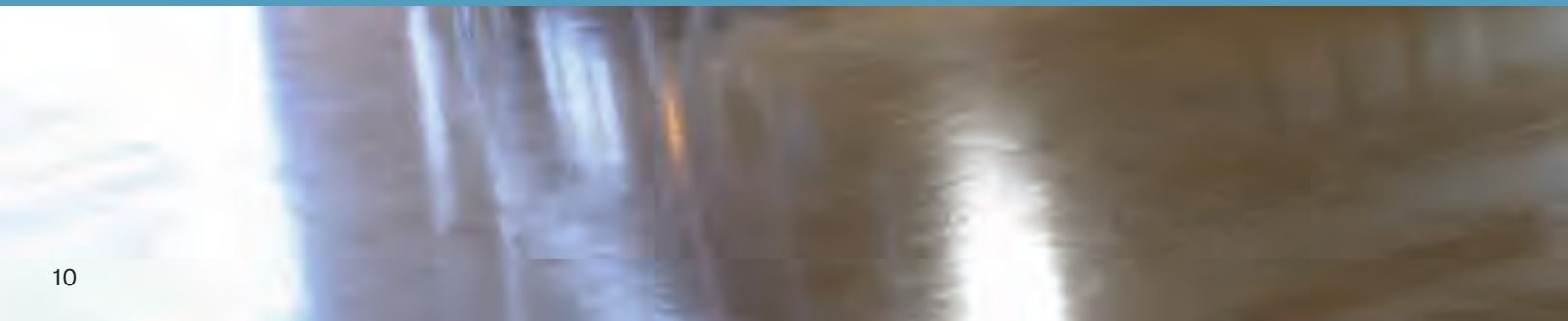
Power output 240, 260, 300, 340 hp.

Volvo FE 6x4 rigid

Gross vehicle weight (GVW) 26 tonnes.

Gross combination weight (GCW) 32-44 tonnes.

Power output 260, 300, 340 hp.



PROFESSIONAL. LIKE YOU.

The Volvo FE is a professional tool designed for professionals. Here you can see some of the application areas for which the Volvo FE is the perfect choice.

Regional distribution

The Volvo FE is ideal for all types of regional distribution operations. With a wide range of chassis heights, wheel configurations and suspension alternatives, you get a truck that is perfectly tailored for the job – easy to load, easy to unload. Our most recent seven-litre engine, the Volvo D7F, is optimised for its task and combines excellent driveability with first-class fuel economy. The spacious cab has a genuine truck feel and plenty of practical storage space. You can add one of two cab packages, Distribution or Distribution+.

Refrigeration/freezer operations

Cold or hot. Foodstuffs or flowers. The Volvo FE offers the sort of high load comfort that makes it suitable for transporting sensitive products. The truck is factory-prepared for simple connection of a cooling or heating unit. Choose between the Distribution and Distribution+ cab packages.

Refuse handling

Efficient refuse transporter that goes about its business quietly. Low noise level, low emissions, generous all-round visibility and simple manoeuvring make the Volvo FE highly suitable for operations on congested inner-city roads and narrow suburban lanes. The willing seven-litre engine combined with automatic transmission is

perfect for this type of operation with its frequent stops and starts. Power take-offs are available in a wide variety of alternatives. The low cab has a convenient entry with anti-slip steps. Choose the Vocational cab package.

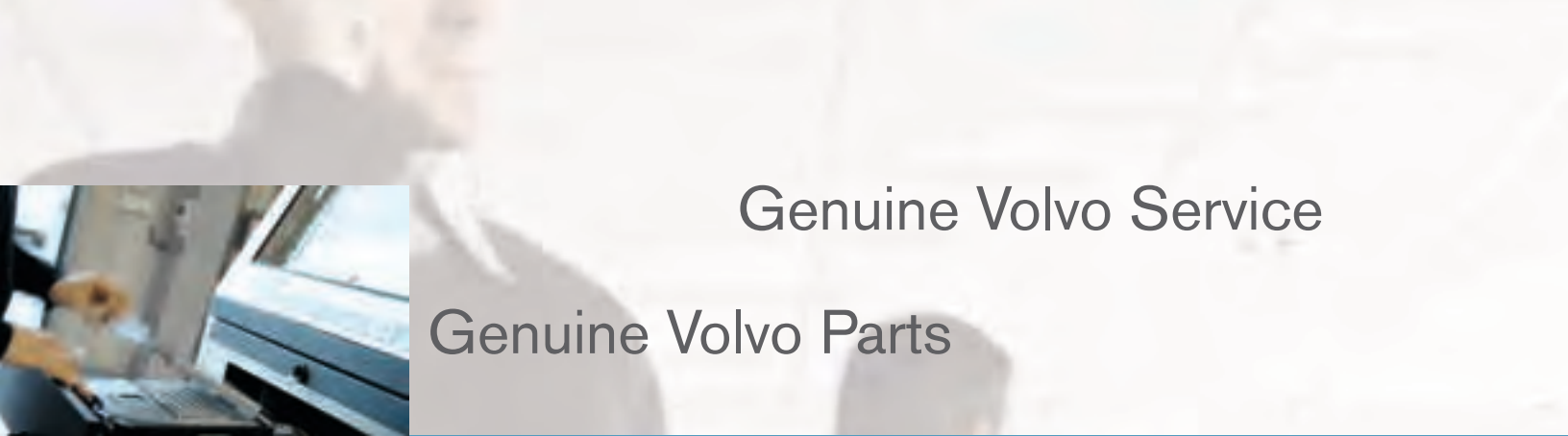
Light construction duties

If you need a true all-rounder for lighter construction duties, the Volvo FE is the right choice. It is robust, spacious and safe, and at the same time agile and easy to manoeuvre. It is factory-prepared for simple bodybuilding and serves admirably as a tipper, with or without a crane. It is available with a wide variety of power take-offs. The Volvo FE is also highly suited for operation as a concrete mixer, thanks to its weight-optimised design. Choose the Vocational cab package.

Tankers and bulk-goods transportation

With its robust chassis, the Volvo FE is built for gross vehicle weights of up to 26 tonnes. Thanks to its low vehicle weight, you get plenty of capacity for income-earning payload. It is an attractive combination for tanker and bulk-goods operations. The power of the seven-litre engine is more than sufficient for the job, at the same time as you can count on good fuel economy. Choose between the Distribution and Distribution+ cab packages.





Genuine Volvo Service

Genuine Volvo Parts



FOCUSING ON YOUR



Volvo Service Contracts

Volvo Truck Accessories

Financial Solutions

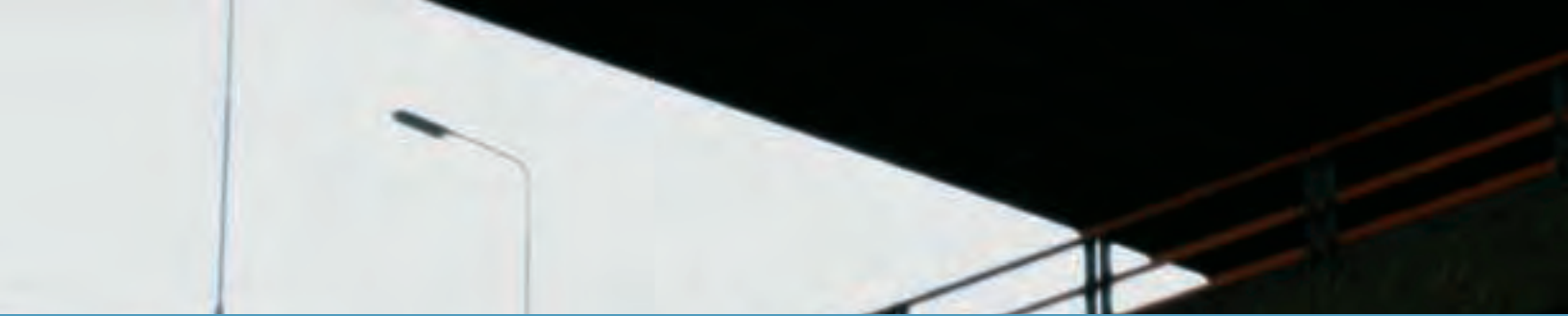
Dynafleet Online



OPERATIONS

Volvo Trucks Driver Development





A PRODUCTIVE PERSONALITY

Volvo FE for driver performance. There is no doubting the family heritage. The Volvo FE has plenty in common with its siblings in the Volvo family. For instance ergonomics, safety and aerodynamic efficiency. Yet it still maintains its own strong personality, with unique properties and equipment developed for maximum productivity.

Entry. A convenient, ergonomically designed entry is worth its weight in gold if your job requires frequent entry and exit every day. A lamp in the door's lower frame that lights up the two anti-slip steps is available as an option.

Headlamps. Powerful power-adjustable headlamps and fog-lamps integrated into the bumper provide good visibility even in poor conditions.

Comfortable cab suspension. The FE cab is available with a choice of two suspension alternatives, for different applications. If you drive on uneven surfaces, choose the conventional suspension, which provides a stable ride. On good roads, air suspension is a comfortable alternative.

Roof hatch. Let in the light and air. Roof hatches are available in several variants.

Air deflectors. An air deflector package can offer a significant fuel saving if you drive a lot on the highway. The Volvo FE is available with fixed or adjustable roof deflectors and side deflectors.

Simple daily service. The cab's smooth surfaces mean it is easy to keep the truck clean. Large steps in the front make it easier to clean the windscreen. The cab can be tilted manually or electrically. All the service points are easily accessible and logically grouped.

Three cabs. The Volvo FE offers high-class comfort, with comfortable seats and plenty of interior space. You can choose between three cabs depending on your transport assignments and needs: the day cab is intended for short distances and offers maximum space for the load platform. The comfort cab is a comfortable alternative for somewhat longer transport operations. The sleeper cab is the ideal choice if you want plenty of space on board and also require overnight accommodation in the truck.

Windows. The Volvo FE offers excellent visibility all round. Windows at the bottom of the doors and close-quarter mirrors on the passenger side and at the front provide a perfect view of the area close to the vehicle, which may otherwise be difficult to overview. Newly developed rear-view mirrors with wide-angle sections and the option of a rear window and extra side windows in the cab's rear section also provide excellent visibility to the rear. All the mirrors are designed in accordance with the EU directives. All the windows are available with tinted, heat-reflecting glass and both the rear-view mirrors and the windscreen are available with heating. You can also specify power side windows and power rear-view mirror adjustment.

VOLVO FE • Cab facts

Day cab	Comfort cab	Sleeper cab
Length 1600 mm.	Length 2000 mm.	Length 2200 mm.
Width 2300 mm.	Width 2300 mm.	Width 2300 mm.
Interior height 1620 mm.	Interior height 1620 mm.	Interior height 1620 mm.

Interior trim. The interior trim is tough and dirt-resistant.

Shelves. Above the windscreen there is a spacious shelf with three DIN compartments and plenty of space for electrical equipment.

Smart storage. In the Volvo FE, every available space is utilised efficiently. In other words, there is plenty of smart storage space in the form of compartments and pockets. Storage boxes for fitting on the engine cover are available in a variety of configurations depending on cab variant. The Comfort cab can be specified with a 28-litre refrigerator. The cab also has space for an additional storage box behind the passenger seat.

Instruments and controls. From the driver's seat in the Volvo FE, you get an excellent overview of the surrounding traffic and the ergonomically designed controls are positioned with convenient reach. All the instruments are easy to see and the instrument panel's gently rounded contours give the driver's environment a pleasant atmosphere. The main instrument is the same as that fitted to Volvo's larger trucks, with clear, well-positioned gauges and a large display for driver information.



Seats. Practical function or maximum comfort? The Volvo FE is available with a choice of four comfortable driver's seats and five passenger seats. If you want the very best, our Comfort Seat is the right choice for a perfect, individually tailored seating position. Extra passenger seat available as an option.

Climate. A powerful climate unit with or without air conditioning keeps the temperature at the right level. Can be equipped with an extra cabin filter for driving in demanding environments.

Steering wheel. A comfortable, grip-friendly steering wheel with integrated controls for functions such as the cruise control, retarder and navigation stalk for driver information. Pneumatically controlled steering wheel adjustment makes it easy to find the perfect driving position.

Manoeuvrability. The Volvo FE is easy to manoeuvre even in congested spaces. Wheel deflection of about 50 degrees gives the truck a turning small radius. The Volvo FE 6x2 is available with a fixed or electro-hydraulically steered tag axle that reduces tyre wear and improves manoeuvrability.

12-24 Volts. A 12 V power socket is fitted as standard. There is also the option of a 24 V socket on the passenger's side.

Noise level. The noise level is low both inside the cab and outside.

Relaxation. The Volvo FE offers excellent potential for on-board relaxation. The Sleeper cab has one of the most comfortable beds in its class, with a spring mattress. It is available in a fixed version measuring 13.5x78x200 cm. The Comfort cab is available with a fixed or two-piece bed, both with foam mattresses. Dimensions are 13.5x58x200 cm and 9x78x200 cm respectively.

Sound sense. Equip your Volvo FE with one of the market's most advanced sound systems. Read more on page 42.



VOLVO FE • Cab packages

Cab packages that suit your operation

The Volvo FE comes with three cab packages designed for different types of transportation. Distribution and Distribution+ for distribution trucks and Vocational for refuse trucks and lighter construction duties.

- Distribution (D)
- Distribution+ (D+)
- Vocational (V)

	D	D+	V		D	D+	V
Power window lifts	•	•	•	Writing top	•	•	
Power-adjusted and heated rear-view mirrors		•	•	Remote-controlled door lock	•		
Exterior sun visor		•		Entry lighting in the doors		•	•
Roof hatch, manual operation	•		•	Factory-prepared for CB radio			•
Roof hatch, electric operation		•		Rubber mats		•	•
Climate unit (Climate Control)		•	•	Start assistance kit			•
Storage compartment with hatch in the radio shelf		•		Cruise control		•	
Main instrument with several functions (medium)	•	•	•	Electronic rev control			•
12 V power socket	•		•	Air socket in instrument panel			•

A close-up photograph of a blue car's headlight assembly. The image is dominated by the blue plastic housing and the clear lens of the headlight. A large, white, semi-transparent text '240-' is overlaid in the center of the image. The background is a blurred view of the car's interior or engine compartment, showing various mechanical parts and a blue surface. The overall lighting is bright, highlighting the textures and colors of the car's components.

240-



-340

A WIDER, MORE POWERFUL ENGINE RANGE

Volvo FE for truck performance

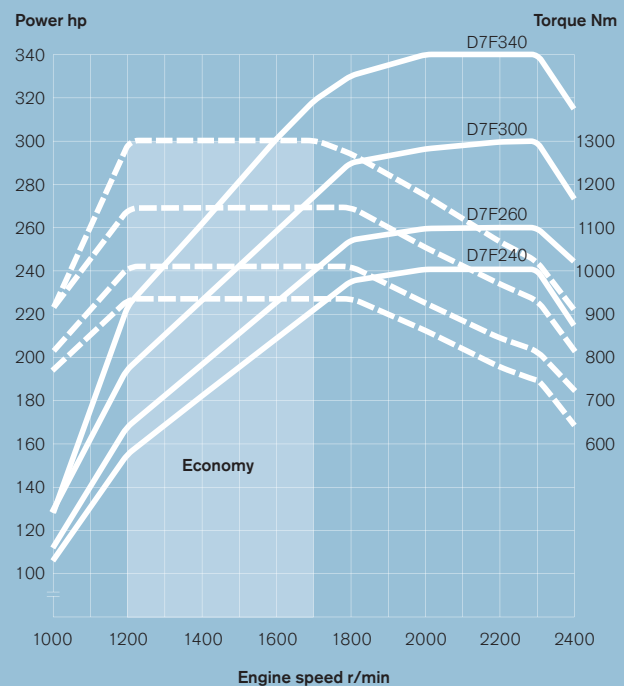
The Volvo FE is equipped with the Volvo D7F – a high-torque, highly responsive common rail engine with a displacement of 7.2 litres. It is now available with 240, 260, 300 and 340 hp, so you have even better scope for optimising your Volvo FE to suit its task. The Volvo D7F responds instantly to the throttle, you quickly reach cruising speed and can pull powerfully in high gears even on steep inclines. There is high torque from low revs, delivering as much as 1300 Nm across a wide rev range. With the Volvo FE you can quite simply maintain a higher average speed and get more done in a shorter time, at the same time as your progress is easier and more comfortable. The fact that the Volvo FE is a weight-optimised and highly fuel-efficient machine is yet another plus for your profitability.

Saves fuel and the environment

The Volvo D7F is certified according to Euro 5. Thanks to the engine's optimum combustion, emissions of particulates are minimised at the same time as the energy in the fuel is utilised very efficiently. In order to reduce nitrogen oxides as well, the exhaust gases are reduced with the help of SCR (Selective Catalytic Reduction). With this technology, a mixture of urea and water known as AdBlue is injected into the exhaust gases, converting the nitrogen oxides into harmless nitrogen gas and water vapour. AdBlue is filled in a separate tank located beside the fuel tank. The AdBlue tank has a capacity of 70 litres.

Volvo D7F Power/Torque

Net output according to: ISO 1585, Dir. 89/491/EEC, ECE Reg85



With the Volvo D7F you can always optimise your truck for the job. Choose between 240, 260, 300 and 340 hp.



VOLVO D7 • facts

- In-line 6-cylinder 7.2 litre diesel engine with turbo and intercooler.
- Common-rail technology.
- Power outputs and torque:
 - 240 hp at 2300 r/min,
 - 940 Nm at 1200–1700 r/min.
 - 260 hp at 2300 r/min,
 - 1010 Nm at 1200–1700 r/min.
 - 300 hp at 2300 r/min,
 - 1160 Nm at 1200–1700 r/min.
 - 340 hp at 2300 r/min,
 - 1300 Nm at 1200–1700 r/min.
- Economy revs 1200–1700 r/min.
- Available for Euro 4 and Euro 5.
- Exhaust brake producing 130 kW at 2800 r/min, or compression brake producing 188 kW at 2800 r/min.
- Possibility of engine-mounted power take-off, 600 Nm at 800–1200 r/min.
- Oil-change interval up to 100,000 km depending on how the truck is used.



The excellent driveability comes not only from our new engine. A wide range of matching gearboxes and rear axles optimised for different application areas make sure that the power is transmitted smoothly and gently, and with minimum losses.

VOLVO FE • Facts driveline

Transmissions

ZTO1006, manual gearbox with 6 forward ratios for the Volvo D7F with 240 and 260 hp.

ZTO1109, manual gearbox with 9 forward ratios for the D7F with 240, 260 and 300 hp.

STO1309, manual gearbox with 9 forward ratios for the Volvo D7F with 340 hp.

AL306, automatic transmission with 6 forward ratios for all engine power outputs. Available with integrated retarder.

Rear axles

Volvo RSS1332A, solo axle with single reduction for up to 13 tonnes axle load and gross combination weights of 32,5 tonnes.

Volvo RSS1344C, solo axle with single reduction for up to 13 tonnes axle load and gross combination weights of 44 tonnes.

Volvo RS1370HV, solo axle with hub reduction for up to 13 tonnes axle load.

Volvo RTH2180C, tandem drive with hub reduction for up to 21 tonnes bogie load.

Volvo RTS2370A, tandem drive with single reduction for up to 23 tonnes bogie load.

Tag axle. Volvo FE with 6x2 is available with a rigid or electro-hydraulically steered tag axle.

Power take-off

The Volvo FE can be specified with a wide range of gearbox-driven and engine-driven power take-offs for flange mounting or for connection of a hydraulic pump.







EVERYONE GAINS FROM SAFETY

Safety first, as always. Volvo makes some of the world's safest trucks. There are several reasons why we give safety such high priority. Apart from the fact that we are naturally concerned about people's lives and health, high safety also contributes to increased profitability for our customers. Even small road accidents can be very expensive as a result of delayed deliveries, costly repairs and high insurance premiums. If you want to reduce your risks, you should choose a truck built for safe, problem-free and profitable transportation. A truck like the Volvo FE.

Brakes. The Volvo FE is equipped with the latest-generation electronically controlled disc brakes (EBS), featuring a number of comfort- and safety-enhancing functions. "Hill Start Aid", a function that prevents the vehicle from rolling backward when starting on an incline, the possibility of activating a differential lock at low speeds, continuous monitoring of brake pad condition and monitoring of the temperature of

the brake discs are just a few examples. EBS is available at three levels: standard, medium and high.

Electronic stability enhancement. ESP (Electronic Stability Program) is a safety-enhancing supplement to the truck's electronic braking system. If the truck shows any tendency to lose contact with the road surface, the brake system is automatically activated. Each wheel is braked in-

dividually to stabilise the vehicle at the same time as power to the driven wheels is restricted. This brings about a considerable reduction in the risk of tractor/semi-trailer jack-knifing, driving off the road on a slippery surface, or rolling over in a curve or during an emergency avoidance manoeuvre. ESP is available for the Volvo FE in tractor and solo rigid configurations.

Engine brake. The Volvo FE is available with an exhaust brake or a compression brake. The latter's braking effect is 188 kW at 2800 revs a minute. The automatic transmission has an integrated retarder.

Brake Blending. With the Brake Blending function activated, the wheel brakes, engine brake and retarder are all engaged with the help of the brake pedal. When



the brake pedal is pressed, the wheel brakes are first activated, after which the auxiliary brakes are activated and take over in order to reduce brake disc and brake pad wear.

Impact safety of world class.

The Volvo FE has been tested in the world's toughest collision tests and is fitted as standard with a three-point seat belt, a

deformable steering wheel, interior trim in energy-absorbing material, injury-preventive pedals and fire-resistant textiles.

Clear visibility in every direction.

Large rear-view mirrors, a generous field of vision and well-placed glass panels in the doors and cab sides provide good visibility all round.

Bumpers with FUP. The sturdy three-part bumper has a middle section made of plastic and corners made of steel. A front under-run protection (FUP) is integrated into the bumper. A rear underrun protection (RUP) is available as an option.

Electronic starter inhibitor and alarm. The Volvo FE is available with both the Volvo Immobilizer (electronic starter inhibitor) and alarm.




18-261





OWNERS





ALLOW US TO CONFIGURE YOUR TRUCK. TAKE A LOOK AT THE MENU.


The Volvo FE is whatever you need

The Volvo FE is available both as a tractor and as a rigid in several different variants for gross vehicle weights of 18 to 26 tonnes. The chassis range is broad enough to allow you to specify your truck to suit your particular needs. Three chassis heights, two frame heights, two frame thicknesses and several combinations of suspension systems mean you get a well-dimensioned chassis optimised for its purpose and well-prepared for bodybuilding. By far the simplest approach is to use our readymade basic specifications, which are available for different variants of distribution, tipper and refuse trucks. Detailed bodybuilding instructions are available at <http://vbi.truck.volvo.com>.

If you choose the Volvo FE 4x2 in tractor configuration, you can have it ready for work straight from the factory.

Load and unload

Air suspension with a wide adjustment range provides both high load comfort and efficient loading and unloading. The load height can be reduced by 60 mm and raised by 140 mm from driving height. The air suspension system comes with an ergonomically designed remote control.





VOLVO FE • Facts

Frame

Low 266 mm. High 300 mm. Available in 7 and 8 mm thicknesses.

Front axles

Available for axle loads of 7.1, 7.5 and 8.0 tonnes.

Wheelbases

Rigids are available with wheelbases from 3200 to 6800 mm. Tractors are available with wheelbases of 3500, 3700 and 3900 mm. The fifth wheel is installed such that the distance from the front to the kingpin is always 4500 mm, perfect for 13.6 m trailers and a total length of 16.5 m.

Suspension

Front axles: all variants are available with air suspension or parabolic springs. Rear axles: available with air suspension (4x2, 6x2) or with parabolic springs (4x2, 6x4 B-ride).

Chassis heights

Low, Medium, Standard

APM (Air Production Management)

For regulation and monitoring of all pneumatically-powered functions.

Fuel tanks

Available in plastic, steel and aluminium, with volumes from 160 to 830 l.

Base specifications for various applications

Van, 18 and 26 tonnes respectively. Tipper 18 tonnes, 26 tonnes (6x2 and 6x4). Refuse trucks of 18 and 26 tonnes respectively.







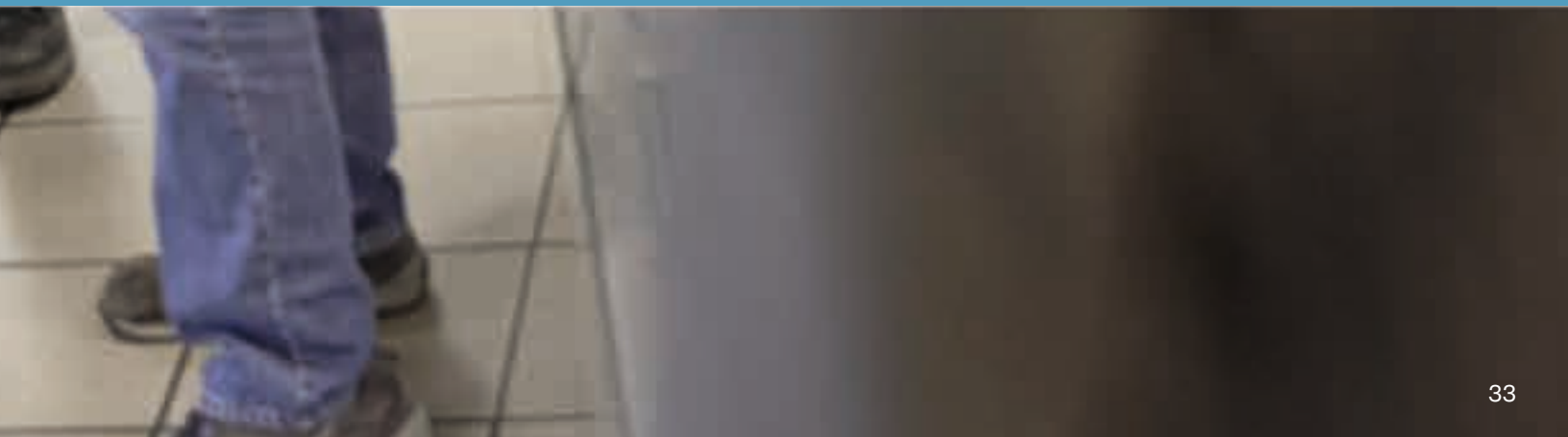


TRU





CKS





Let us take care of your truck. Genuine Volvo Service

Preventive maintenance. Your customers rely on you and on your trucks. And you can rely on Volvo Trucks. We know exactly what service your truck requires and when it needs it to perform at its best with trouble-free, economic operation year after year. At the Volvo workshop (and there are 1100 of them) we have in-depth expertise and thorough product knowledge as well as the special tools and Genuine Volvo parts needed to keep your Volvo FE in tiptop condition.

Individual service plan. Based on how each individual truck is used and the everyday conditions of your operation, we create an individual service plan. It's an important key to cost-effective maintenance, giving you maximum vehicle uptime with well-planned workshop visits. We take care of your service planning

so you are free to concentrate on your core operation. When it is time to service your truck, we contact you and book a suitable time. After the service, you get a comprehensive report listing the work undertaken and what needs to be done the next time the truck is in for service.

Volvo Action Service. Volvo's own assistance service is at hand round the clock, every day of the year. If you come to an unexpected standstill, all that's needed is a single phone call and we'll see to it that your truck is ready for the road again as soon as possible. In the event of an unplanned standstill, we guarantee that you will be on your way again within the agreed period. Volvo Action Service also assists you with re-booking of ferries, hotel reservations and other details that may need to be sorted out.

Simpler, safer and more convenient. Volvo Service Contracts

Maximum uptime and full control over costs. If you choose any of the Volvo Trucks service contracts we'll see to it that your truck is always in top condition, at a fixed predetermined fee. The **Volvo Blue Contract** covers preventive maintenance, while the **Volvo Silver Contract** covers preventive maintenance as well

as repairs to driveline components. The **Volvo Gold Contract** encompasses preventive maintenance and repairs to the entire truck. The base services that are included in each contract can be extended with a variety of options, allowing you to create a solution that is exactly suited to your particular needs.

Make sure your Volvo remains a Volvo. Genuine Volvo Parts

Genuine Volvo Parts are the very same parts from which Volvo's trucks are built in the first place. In other words, they are a guarantee that your truck will retain its original characteristics. Genuine Volvo

Parts can be ordered either at your dealer or via **Parts Online**. For more information, please contact your dealer.



Financing from a partner who understands your operation

Through **Volvo Financial Services** we can always offer you an attractive financing solution tailored to suit your operation, by a partner who genuinely understands your operation. We offer the regular truck loan (**Instalment Credit**) and various forms of leasing.

Financial lease means that you buy the truck on a hire-purchase basis and that Volvo is the registered owner until the truck is fully paid for. With **Operational lease** lease you hand back the truck at the end of the lease period. Volvo also offers various types of advantageous **insurance** tailored to suit local conditions.

The driver in focus

A good driver is a key to high productivity. The way the driver treats his vehicle has a major effect on fuel consumption, wear and uptime. That is why Volvo Trucks is focusing increasingly on

continuous driver training. Your dealer will be happy to tell you more.

Discover your full potential. Dynafleet Online

Dynafleet Online is one of the market's most comprehensive systems for transport information, always available via any computer with an Internet connection. Dynafleet Online gives you up-to-date information about vehicles, drivers and transport

assignments. Which in turn gives you new potential for streamlining your operation, reducing your fuel costs and increasing your profitability.



VOLVO FE HYBRID

Significantly reduced fuel consumption, far lower emissions and the possibility of covering short distances virtually soundlessly. There you have the Volvo FE Hybrid in a nutshell, an innovation intended for efficient, environmentally optimised distribution and refuse handling.

FE HYBRID

SOON ON A STREET NEAR YOU

The Volvo FE Hybrid has been developed for you if your aim is to contribute to a better environment, lower your fuel costs and at the same time operate a truck with exceptional driveability. The Volvo FE Hybrid will start series production towards the end of 2009 and will be gradually introduced on increasing numbers of markets over the coming three years.

A conventional truck with a highly unconventional driveline

So what kind of truck is the Volvo FE Hybrid exactly? Put simply, it is a conventional-looking Volvo FE with an unconventional driveline. This hybrid model features both a diesel engine and an electric motor that can be used either separately or together with each other. Their operation is automatically optimised so that each power source can work in conditions where it is most efficient. The electric motor at low revs and the diesel engine at higher revs. This considerably reduces both fuel consumption and emissions.

Economical and climate-smart

Just how much fuel is saved compared with a conventional Volvo FE depends on the application area. For a distribution truck, fuel consumption can drop by 15 to 20 percent, depending on the driving conditions. For a refuse truck, consumption may drop by about 20 percent and in some circumstances by as much as 30 percent*. Emissions of climate-impacting carbon dioxide are in direct proportion to fuel consumption, so they are reduced by the same degree. Other emissions too, such as particulates and nitrogen oxides, are far lower than for a conventional Volvo FE with a Euro 5 engine.

Clean and quiet

When starting, idling and accelerating up to about 20 km/h, the Volvo FE Hybrid is powered only by its electric motor. This means that operation is virtually noiseless and exhaust emissions are non-existent. It is also possible to manually select electric power, for example when loading and unloading or when driving in a garage or other indoor area.

Fantastic driveability

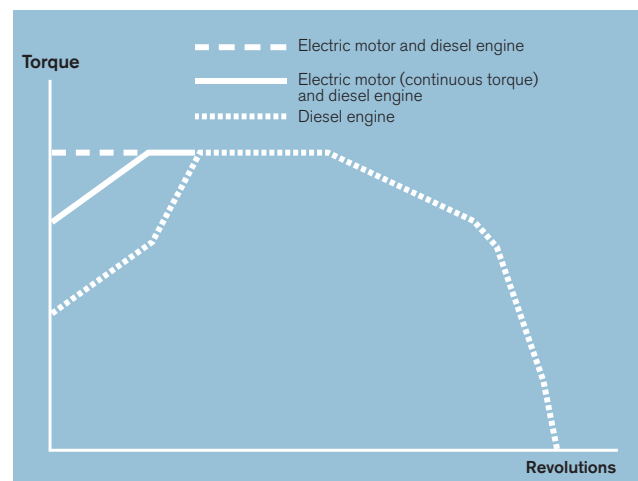
Driving a Volvo FE Hybrid is a true pleasure. The electric motor provides maximum torque straight from start. What is more, you get precise and uniform response to the throttle. The system automatically selects the drive source as conditions dictate.

A reliable solution

The Volvo FE Hybrid is what is known as a parallel hybrid. It is a robust and dependable solution that meets the very same high demands on reliability as our regular diesel-powered trucks. The word "parallel" refers to the fact that the electric motor and diesel engine can be used independently of one another. In the event of any disruption to one of the systems, the other will not be affected.

The drive pack in the Volvo FE Hybrid consists of:

- Volvo D7F diesel engine with 300 or 340 hp, approved according to Euro 5
- Automated gearbox
- Clutch (no clutch pedal)
- Integrated 120 kW electric motor/alternator 120 kW (I-SAM)
- Energy converter
- Batteries, lithium-ion
- Control unit



*Refers to a refuse truck equipped with a compactor powered by its own battery that is recharged overnight – known as a plug-in solution.



For gross vehicle weight of 26 tonnes

The Volvo FE Hybrid has been developed for distribution and refuse handling operations involving weights of up to 26 tonnes. That alone makes the truck entirely unique.



Full power from start

When the driver turns the starter key, the electric motor switches on and delivers full torque from standstill. At speeds above 20 km/h, the diesel engine takes over. When the truck is powered by the diesel engine, the surplus energy goes back to the electric motor/alternator and the batteries are recharged. When the brakes are applied, the electric motor/alternator functions as an auxiliary brake and retardation energy that would otherwise be wasted is instead used to charge the batteries.

CUSTOMISE YOUR TRUCK. VOLVO TRUCK ACCESSORIES.

With Genuine Volvo Accessories, your truck becomes even better. Our accessories range includes a number of equipment features that make your work more efficient, safer and more comfortable.

At your dealer you will also find a wide selection of products from selected suppliers, such as tyres, accessories and components for the cargo body, workshop equipment and navigation systems.

Dynamo torch



Cooling bag



Aerodynamic wheelcovers



SAFETY

Work-lamp. Helps you work safely in the dark. The lamp is fitted on the cab roof and is aimed at the work-area.

Rotating warning beacon. An important safety detail if you are working in or close to traffic.

Foglamps. Foglamps are installed low down in the bumper corners and light up the road below the level of the fog.

Speed limiter. The legislated maximum speed is set by the mechanic at the Volvo workshop. Volvo's system is patented and highly dependable. Speed limiters are required by law within the EU.

Fire extinguisher. Fitted where it is easily accessible on the driver's side.

Smoke detector. Optical smoke detector that alerts/sounds the alarm in the event of a fire or smoke.

Emergency hammer. Fitted within convenient reach.

Strong-box. For safer storage of your valuables in the cab. Attached to the rear wall of the cab.

Exterior sun-visor. A safety feature that contributes to better visibility in the face of oncoming light, for instance when the sun is low on the horizon.

Roof-mounted air horns. Twin pneumatic air horns, powerful signal.

Mudflaps. Mudflaps for both the front and rear wheels, with the side facing the wheels coated with a surface that dampens and atomises the water thrown up by the wheels.

Rear view camera. Helps the driver to easily and safely manoeuvre the vehicle when there is limited visibility.

PERSONALITY

A complete range of practical accessories that make life in the cab that much more comfortable. Includes items such as a sleeping-bag, flashlight, shaving mirror, bags and other storage equipment.

Upholstery covers. Upholstery covers in fabric or vinyl keep the seats clean even in dirty working environments.

Volvo parking heaters. Volvo has a comprehensive range of systems for heating the truck. There are electrically powered parking heaters for the cab and engine, or a combination of the two. Diesel-driven parking heaters are available for heating the cab.

Rubber mats. Protect the floor's standard mats and cover both the driver and passenger sides as well as the engine cover.

Seat belt extender. The seat belt extender is connected to the regular seat belt buckle and lengthens the belt by 183 mm.

Writing pad. The writing pad is placed on the steering wheel and makes it easier to handle documents inside the cab.

Mobile phone holder. Fitted to the instrument panel and makes handling of mobile phones safer while on the move.

Sun-visor. The cab is equipped as standard with three sun-visors for the windscreen. Sun-visors for the side windows are available as a complement.

EFFICIENCY

Airflow panels. Wind deflectors for roof and sides reduce air drag and lower fuel consumption.

Aerodynamic wheel covers. These wheel covers reduce air resistance, improve fuel economy and enhance the truck's appearance.

Navigation systems. Electronic maps that help the driver to quickly and easily find the best route.

COMFORT

Armrest on passenger's side. The armrest is fitted on the seat's inner side.

Open storage box. Practical and spacious open storage box that is fitted behind the passenger's seat inside the cab. If a parking heater is installed, the storage box also serves as a shield to prevent accidental contact.

Tall storage box on the engine cover. Very spacious, lockable storage box on the engine cover, intended for cabs without a rest bunk. On the upper face of the box there is an additional compartment with a cover. Power socket for 12 and 24 volts.

Storage box on engine cover. Practical storage box on engine cover intended for the Day Cab. The upper surface is flat and forms an excellent writing top. Power socket for 24 volts.

Open storage box. Open storage box for the Sleeper Cab. This storage box features one larger compartment and a smaller one in the front. Fitted on the engine cover against the rear cab wall.

Low storage box on engine cover. Lockable storage box on the engine cover for the Sleeper Cab in combination with the two-part rest bunk. The pullout drawer has space for transport documents and other items.

Refrigerators/heater boxes. Available both as compressor cooler system and as thermo-electrical cooling system. Available in a range of sizes and models to suit all requirements.



Loccable fuel filler caps

BELIEVE YOUR EARS. VOLVO AUDIO SYSTEM.

At last you can enjoy truly excellent audio quality even when you're driving your truck. The Volvo Audio System has been designed to suit the truck cab's acoustic properties and gives you a high-class audio experience. And as if this were not enough, the system also has a number of smart features that enrich your life behind the wheel. Just listen to this:

Play what you want

With the Volvo Audio System, you can play both regular CDs and recordable disks in MP3, WMA and WAV format.

Plug in, chill out

If you have your favourite music on a USB memory stick, you can plug it into the audio system. You can also hook up other external equipment such as a laptop or palmtop via the AUX socket.

All your music wherever you are

You can connect your iPod and get immediate access to your entire music collection.

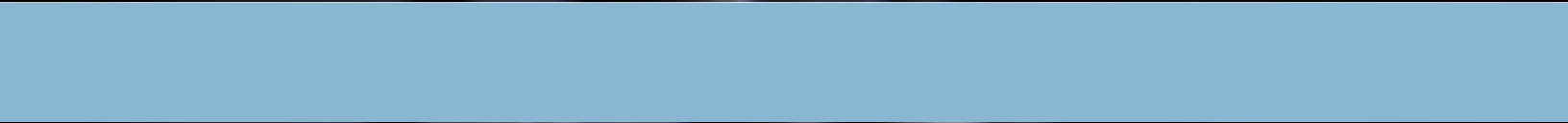
Stay in touch

Connect your mobile phone to the audio system via Bluetooth. See incoming calls displayed in the instrument panel, reply using the steering wheel controls, listen via the cab's loudspeakers and talk while you drive.

Three variants

The Volvo Audio System is available in three variants: Audio Base, Audio Medium and Audio Advanced. Read, choose and get ready for the audio experience of a lifetime. You won't be disappointed.





VOLVO FE • Volvo Audio System

	Audio Base	Audio Medium	Audio Advanced		Audio Base	Audio Medium	Audio Advanced
Sound systems				Connections and interfaces			
Audio CD	•	•	•	Low-level input, 4 channels	•	•	•
CD-R/CD-RW		•	•	3.5 mm stereo line input			•
MP3/WMA/WAV		•	•	USB connection			•
CD text	•	•	•	iPod interface			•
Speed-dependent volume control		•	•	Bluetooth			•
Mute functions	•	•	•	Wireless remote control			•
Radio				Loudspeakers			
FM/AM antenna	•	•	•	Number of loudspeakers	2	2	2
FM stations	12	18	18	Output	2x20 W	2x20 W	2x20 W
AM stations	6	6	6				
RDS	•	•	•				
Traffic information	•	•	•				

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