



Volvo Trucks. Driving Progress

VOLVO FE

PRODUCT GUIDE



Your flexible working partner.

Ideal for delivering refrigerated food, yet adaptable as a concrete mixer. Or a refuse transporter. The Volvo FE more than lives up to its reputation as a multi-purpose vehicle that will support you in driving a profitable business. It's designed for an efficient pace while always keeping it safe. You can always rely on its extended performance and with the CNG engine, you minimise your environmental footprint. Plus, with Volvo as your working partner, you can take advantage of a wide range of flexible services to tailor a transport solution for your needs.

This is why:

1 Easy to own, easy to drive.

A truck that offers you maximum flexibility when and where you need it. With unrivalled all-round capabilities and ease of driving, you are free to concentrate on your daily tasks, letting us take the strain.

2 Comfort.

Whatever your professional commitments, the Volvo FE delivers comfort and ergonomics for safe and efficient work in urban environments.

3 Safety.

We focus on your safety. Our trucks are fitted with the latest, most developed systems to ensure not only your health and wellbeing, but also to prevent accidents. The Volvo FE is part of our vision of going towards zero accidents. Read more on **page 28–31**.

4 Low-entry cab.

The low-entry cab is designed for operations that require the driver or passenger to enter and exit the cab frequently. The low driving position and large window areas offers excellent direct vision for safe operation in city environments. The low-entry cab comes either with a flat floor, or with a more standardised cab layout. Read more on **page 10**.

5 Peace of mind.

We ensure that our Volvo services keep you on the road, offering the potential to maximise your productivity without taking any unnecessary risks. Our goal is to help you maximise your profitability.

6 Towards zero emissions.

The Volvo FE is available with a range of alternative fuel and engine options to reduce your environmental footprint. The range of fuel options include synthetic diesel, bio-diesel and compressed natural gas (CNG). There's also the all-electric Volvo FE Electric. This is part of our long-term ambition to move towards zero emissions. Read more on **page 16–19**.



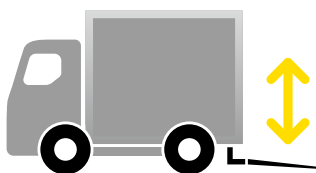
First-class distribution. At any temperature.

In a successful distribution operation, you need a reliable vehicle with the right capacity for your needs. Particularly when you are delivering delicate products like refrigerated or frozen goods. Powerful engine options from 250 to 350 hp, a first class working environment for the driver and high-quality bodybuilder preparations from the factory make the Volvo FE a perfect match distribution work in and around urban environments.



Part of the Volvo family.

The distinctive design, featuring the Volvo iron mark, is a sign of quality on the road. We believe that your business can benefit from a positive partnership with Volvo. We are very proud of our heritage in designing quality trucks – and we are a partner that will guide you into the future. Welcome to the family.



Tail lift.

Get your Volvo FE factory prepared for the tail lift with all the electrical wiring, a switch on the dashboard and a new icon on the instrument cluster.



Headlights.

Deliver no matter what. The Volvo FE's powerful, adjustable headlights and optional fog lamps ensure good visibility, even in poor conditions. Furthermore, their distinctive design ensures that everyone knows there is a Volvo approaching.



I-Shift – take the weight off your left foot.

Driving with I-Shift means you can forget the clutch pedal. Volvo's automated transmission uses its built-in intelligence to select the right gear for you at all times. Even the best drivers find it impossible to match its automatic precision. Just relax. Or if you feel more comfortable being 'in control,' you can step in and change gear manually with I-Shift. The choice is yours. Learn more about I-Shift on [page 20](#).



With superior all-round vision.

The Volvo FE allows you to clearly see what's going on around your cab. The size and positioning of the mirrors deliver the finest possible all-round visibility, while the optional auxiliary windows in the lower part of the doors provide a perfect view of the area close to your vehicle.



EASY TO OWN, EASY TO DRIVE

Don't fret, don't worry.

Make sure you can focus on what is important to you in your professional life. You need valuable uptime from your truck – we deliver. You can increase the productivity of your business by using our flexible range of services. We also work towards lowering the total cost of ownership of your vehicle. That's how the Volvo FE can help you boost your profitability.



Contracts tailored to your needs.

With a selection of Volvo Service Contracts, you can take advantage of the ideal transport solution. Our contracts offer you the freedom to decide on the maintenance and repair of your vehicle's operation, when required. This flexibility helps keep your productivity at a maximum. Specific superstructures can also be included in your contract.



Seeing is believing. And performing.

In a Volvo FE, you'll always have a clear overview of your surroundings. The size and position of the mirrors together with sightline through the windscreen provide the best possible visibility. Add to that the optional auxiliary windows, and you've got the best possible conditions for managing the inner-city hustle.



Your truck – the way you want it.

At Volvo we fit your truck to your requirements. If you let us know what you need from your Volvo FE, we can then prepare it with the necessary body attachments and electrical connections for the bodybuilder – directly from the factory. This shortens lead times when building the superstructure, meaning that you will receive exactly the truck you want for your business – fast.



Your vehicle is secure.

If you need, you can add a remote-controlled alarm system that makes the Volvo FE an enemy of the thief. Easily activated in the event of unwelcome guests trying to open the doors or disturb the vehicle, it offers you peace of mind.



Simple manoeuvring – wherever you are.

The Volvo FE is easy to handle even in the most congested spaces. It is a vehicle that allows for easy manoeuvring and smooth acceleration, as well as providing an array of instruments to help you navigate every situation.



Because driving should be a pleasure.

Common-sense simplicity was the guiding star when we designed the instrument cluster and dashboard in the Volvo FE. The instruments and gauges are designed to be operated with a single glance, offering an ergonomic workplace and allowing you to enjoy a smooth, intuitive drive – no matter how busy the traffic.



The complex made easy.

Every function on the truck can be simply activated from the driver's seat. A comprehensive electrical system permits easy control and regulation, and new applications can be implemented through a range of bodybuilder modules.



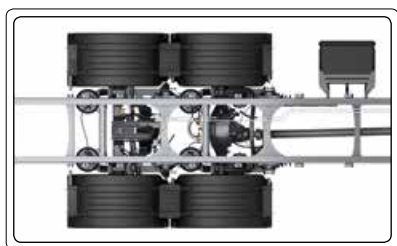
Volvo Premium Lease.

Have access to a Volvo FE or an entire fleet for a monthly fee via a Volvo Premium Lease. A comprehensive package is available, including everything except fuel and driver costs. Let your business run smoothly. Read more about Volvo services on **page 32.**



The truck that delivers a clean sweep.

When choosing the right truck for your business demands, there is always the temptation to prioritise or compromise on certain details. With the Volvo FE you don't need to. The Volvo FE can be specified to meet your superstructure demands. The FE 6x2 rigid with its low noise level, excellent all-round visibility and easy manoeuvring makes it the perfect choice for refuse transporting operations. Frequent stops and starts are aided by the D8K engine with power ratings up to 350 hp, combined with automatic transmission or I-Shift. When super low emissions are required, there's a CNG powered driveline option available. The low instep offers a convenient entry with anti-slip steps, and the cabs offer among the best close up and all-round visibility there is in the industry.



Rear axle.

Carrying a heavy rear load means trusting the suspension on your truck. The lightweight rear axle of the Volvo FE supports weights of 13 tonnes and the air suspension ensures the smoothest possible journey.



I-Shift and automatic transmission.

Driving a truck with I-Shift means that you can simply concentrate on driving your vehicle from one stopping point to the next – while still optimising fuel efficiency. With the automatic transmission, stopping and starting your vehicle frequently when collecting refuse is very smooth.



Easy cab access.

Ideal for frequent stops, when entering and leaving your vehicle. Anti-slip steps and accessible grab handles make your task easier, even in adverse weather conditions. If you want super smooth access to the cab – choose the low-entry cab version. Read more on [page 10](#).



Prepared for waste and recycling.

The refuse truck preparation kit includes the whole vehicle specification. You will get a chassis tailored for a refuse superstructure and this will speed up the bodybuilding process.



Visibility.

All cabs offer great visibility. Choose the low-entry cab and get a perfect overview of the areas close to the truck. This is key for efficient and safe operations in busy environments. Read more on [page 10](#).



LOW-ENTRY CAB

Hop in, hop out made easy.

Welcome to an easier working day. The Volvo FE low-entry cab is designed for operations in busy environments that require frequent stops. Whether its refuse collection, goods delivery or construction duties, you'll experience less strain and fatigue, and simply focus on getting the job done. Choose between four seats with a walk-through floor and or two seated comfort.



Easy to enter and exit.

With a comfortable low-entry and a 90-degree door opening, you can step in and out without effort. The kneeling function lowers the entering height an additional 90 mm – down to 440 mm.



Two seats and passenger comfort.

When the walk-through feature isn't needed and one passenger is enough, there's a new variant of the low-entry cab with an air suspended passenger seat and an engine tunnel. A competitive choice for city distribution and construction.



Four seats and walk-through.

The walk-through variant of the low-entry cab offers a flat floor through the cab and a capacity of up to four seats to accommodate a whole crew.



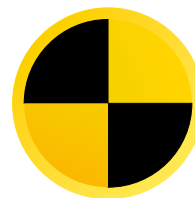
A perfect match.

Combine the low-entry cab with the CNG powertrain that offers power and torque with low emissions. Read more on [page 12](#).



A clear view all around.

The low driving position, the large wind and the extra lower windows in the doors means you have very close contact with the environment around the vehicle. The excellent close up view and all-round visibility makes the Volvo FE a safe urban citizen.



A safe Volvo cab.

The low-entry version of the Volvo FE is a Volvo truck with safety levels corresponding to Swedish requirements. This means that unrivalled protection is offered in all accidents, for example in the unlikely event of the truck rolling over.

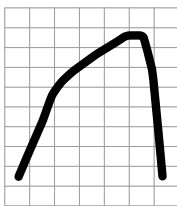


City safety.

It's a tough challenge to operate safely in busy city and urban environments. Other traffic and vulnerable road users move very close to your vehicle – and your job is to protect both them and yourself. Seeing what's going on is your safety key and you need a truck with the best possible visibility.

Powerful, productive and clean.

Operating in an urban environment and looking for a low emissions alternative to diesel? This looks like a regular Volvo FE from the outside, but under the cab hides a 9-litre engine – powered exclusively by compressed natural gas (CNG), or preferably compressed biogas, that will reduce your environmental footprint.



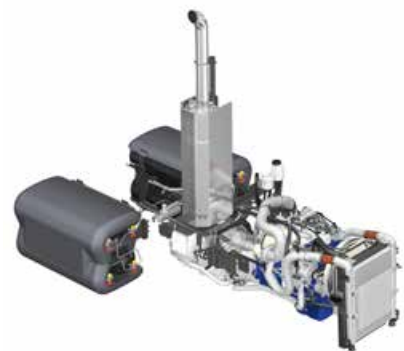
Power and torque.

The G9K engine delivers a full 320 hp and 1356 Nm of torque, and has been primarily developed for operations involving short driving cycles with frequent starts and stops.



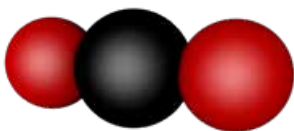
Automatic transmission.

The 6-speed automatic transmission makes the Volvo FE CNG an easy to use productive tool for urban transports.



A reliable solution.

The 9-litre Volvo engine utilises spark ignition technology, and only requires either a vertical or horizontal three-way catalyst for emissions control. Compressed gas tanks are mounted on both sides of the chassis. An efficient and reliable solution.



Low emissions.

The gas engine emits such low levels of particulates, that no filter is needed. The three-way catalyst controls the oxides of nitrogen levels without using AdBlue. When running on biogas, the CO₂ emissions are reduced by up to 100%*, compared to a diesel truck.



Operating range.

Choose between 2×4 or 2×3 gas tanks fitted on the chassis. This gives an operating range of up to 400 km in light distribution and up to 250 km in severe refuse collection.



Win the contracts.

Renewable fuel is often a requirement for winning contracts in refuse transports. The Volvo FE CNG enables operating in urban environments with a significantly lower environmental impact.

**Low-entry cabs.**

Combine the low emissions engine with an easy access low-entry cab that improves city safety and makes the job easier for the driver. Read more on [page 10](#).

Towards zero emissions.

We believe in sustainable transport. Our gas-powered Volvo FE CNG takes us steps ahead and demonstrates our long-term ambition to move towards zero emissions.

Building a brighter future.

When your business is construction, you need to maintain a flexible vehicle fleet with great loading capacity. The Volvo FE serves this purpose perfectly. It works equally well as a tipper with or without crane as it does as a concrete mixer and hooklift. Robust yet agile and light-weight, the Volvo FE is the perfect all-rounder, highly suited to removing obstacles, transporting materials or helping to construct new cities. With excellent manoeuvrability, it's at home in any situation.



High load capacity.

The Volvo FE chassis is strong and light. Combined with a light cab and engine, you will have a truck that can take a lot of load while staying within the legal weight restrictions. Perfect for construction transports.



Volvo Bodybuilder Instructions.

When you order your new Volvo FE, the bodybuilder logs into Volvo Bodybuilder Instructions and can see the exact specifications of your truck. Work commences on building your truck, using drawings created in the system. This intuitive technology has the positive effect of hugely reducing lead times.



Stay clean.

The seat covers protect the vehicle's original upholstery and make cleaning easier. It's an accessory specially designed by Volvo in two colours, providing a perfect fit and design. Complies with Volvo's stringent requirements for resistance to fire and wear.



I-Shift.

Volvo's automated gear changing is equipped with software technology which ensures that the Volvo FE maintains the optimum gear regardless of driving conditions. The system's software can be easily adapted for specific requirements through two additional packages – Distribution & Construction or Fuel Economy.



Ergonomics.

The instrument cluster and dashboard has been intuitively planned to offer the driver the best possible ergonomics. The instrument gauges are placed to give a perfect overview of operations with a single glance. The controls you need most are the most accessible – simple.



Cab options.

The Volvo FE has four separate cab options – the day cab, the short sleeper cab, the sleeper cab and the low-entry cab. The sleeper is the most spacious model, perfect for assignments when there's need of resting during the working day. Read more about the roomy cab interiors on [page 24](#).



Sustainable performance for every demand.

Flexibility, power, quick response – and low emissions. The Volvo FE engine range ensures performance for city and regional distribution as well as construction duties – while at the same time offering alternatives for sensitive environments with stringent emissions regulations. An extended output range stretching from 250 to 350 hp including synthetic diesel, biodiesel and gas alternatives enables you to tailor the driveline for your needs. This is part of our long-term ambition to move towards zero emissions.

RAISED ENGINE SPEED

This feature helps you maintain constant revs in your selected gear. This is particularly useful when driving on slippery and bumpy road surfaces.

ENGINE REGENERATION

During operation, soot and sulphur accumulate in the exhaust aftertreatment system's diesel particulate filter. This is automatically controlled through regeneration of the soot using heat generated during the driving cycle. Intervention by the driver is only needed in extreme conditions to control regeneration.

COMPRESSION BRAKE AND EXHAUST BRAKE

The D8K engine comes with powerful engine braking options that provide powerful braking on demand while extending the lifetime of both the brake pads and discs. Choose between an exhaust brake, or a compression and exhaust brake.

ALTERNATIVE FUELS

Towards zero emissions.

We believe in sustainable transport. Making it happen is one of the greatest challenges facing companies in the mobility industry. For us at Volvo, energy efficiency and alternative fuels are essential in our strategy to succeed. Our gas-powered Volvo FE CNG takes us steps ahead and demonstrates our long-term ambition to move towards zero emissions.

The gas-powered Volvo FE.

The gas-powered G9K delivers full power with lower emissions. It runs on compressed natural gas or biogas (CNG) and emits up to 100% less CO₂* compared to a diesel-powered truck. This is the given choice in sensitive environments with stringent regulations for exhaust emissions. Read more on **page 12**.

Diesel engines for alternative fuels.

You can run our diesel engines on alternative fuels too. All versions of the D8K engines are certified for synthetic diesel (Hydro-treated Vegetable Oils – HVO EN15940). There is a variant of our D8K320 engine that will run on pure biodiesel (Rapeseed Oil Methyl Esters – RME B100).

HIGH TORQUE

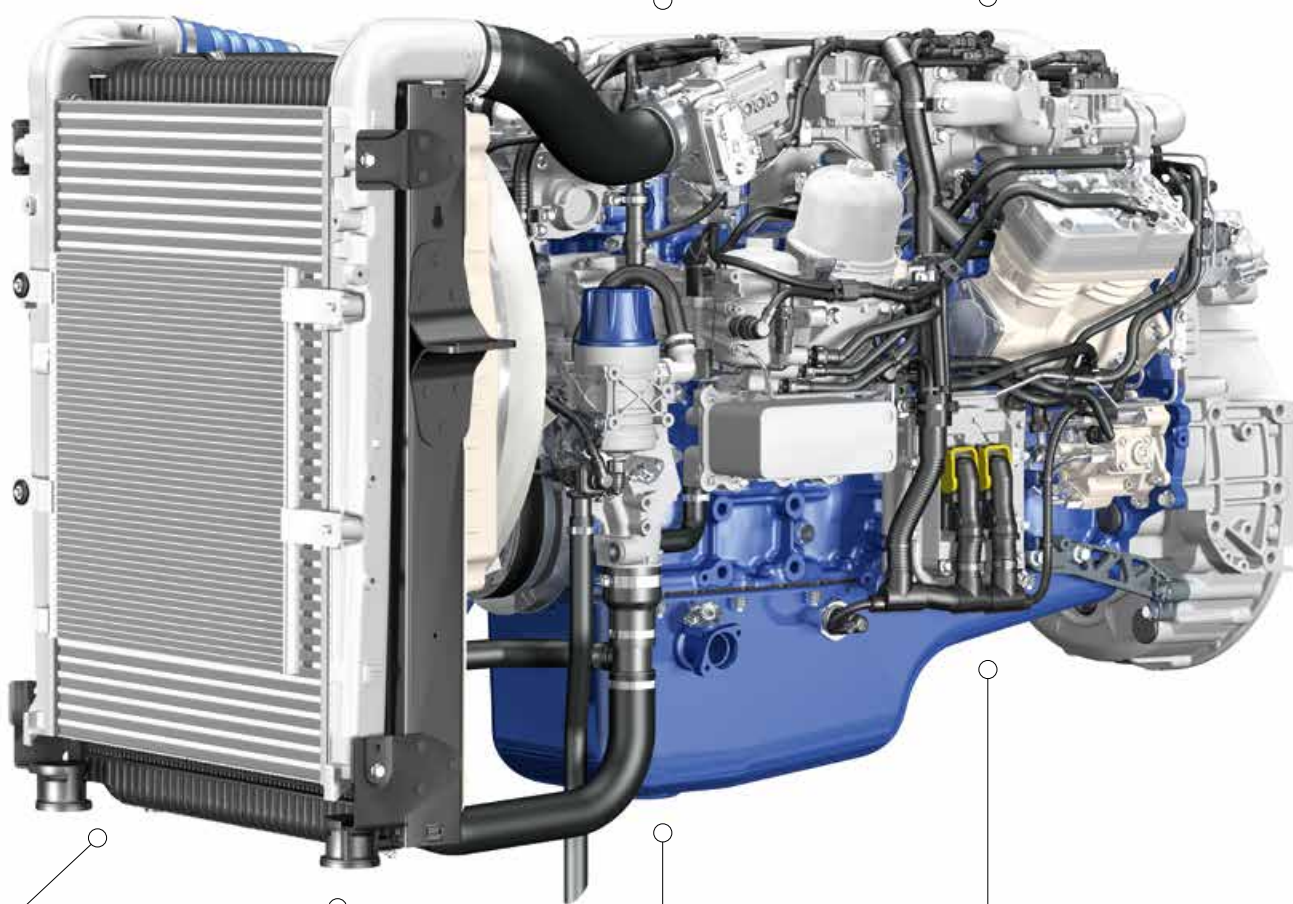
The D8K engine produces a high even torque throughout a wide rpm range and quick response even at low engine speeds. The torque is up to 1400 Nm, which lessens the need for changing gears. The gas-powered G9K engine also offers great driveability with a maximum torque of 1356 Nm.

QUICK RESPONSE

The D8K engine is a top performer in any situation. In demanding urban transportation, you can always rely on its fast response.

COMMON RAIL FUEL INJECTION SYSTEM

The high-pressure electronic injection is provided by common rail, with a maximum pressure of 2000 bar.



ENGINE IDLE SHUTDOWN

When the engine is left on idling for a defined period of time, the engine switches off to save fuel and reduce emissions. Good for your bottom line and the environment.

POWER TAKE-OFFS

Do you need power to run an auxiliary application or the vehicle's own load handling equipment? Choose between live engine power take offs with flange or hydraulic connections – offering a peak torque output of 600 Nm.

THE D8K – FOUR OUTPUT LEVELS

The Volvo D8K engine is offered in output levels of 250, 280, 320 and 350 hp and maximum torque levels from 950 to 1400 Nm.

VARIABLE GEOMETRY TURBO

One of the secrets behind the D8K engine's driveability is the variable geometry turbo. It contributes to the quick response at low revs and that the driver has access to a high torque in any driving situation.

EXHAUST AFTERTREATMENT

Volvo Trucks' solution for the diesel-powered engines to comply with Euro 6 is a refinement of the Selective Catalyst Reduction (SCR) technology. We added a water-cooled Exhaust Gas Recirculation (EGR) system to the engine and a diesel particulate filter (DPF).

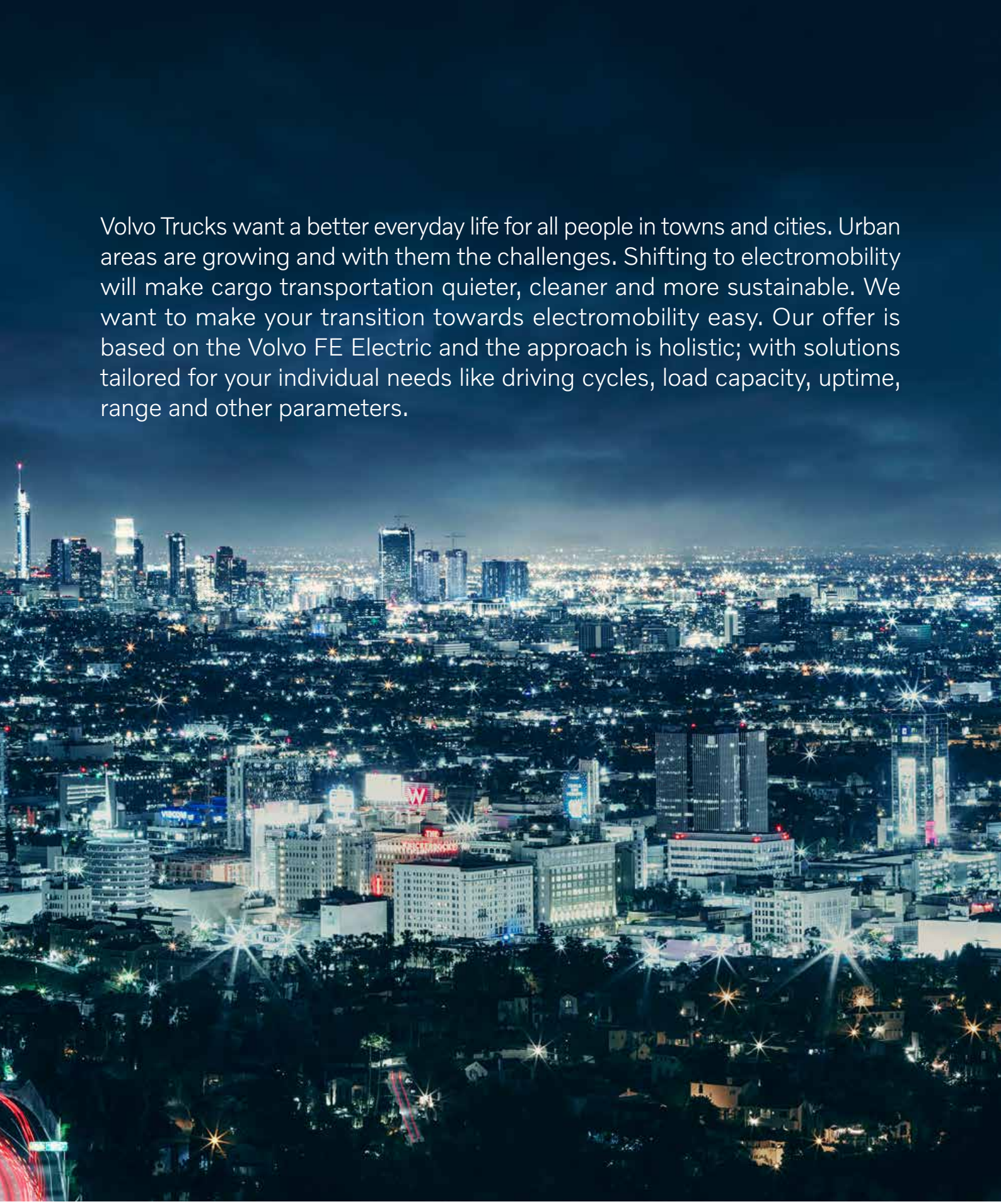
VOLVO FE ELECTRIC

Electromobility made easy.



Electric powered facts

Total weight: 27 tonnes. Driveline power max/continuous: 370 kW/260 kW.
Operating range: up to 200 km. Energy storage: lithium-ion batteries 200–300 kWh.
Recharging time: fast charge 1–2 hours (DC charging), night charge up to 10 hours (AC charging).
Sales start in 2019.



Volvo Trucks want a better everyday life for all people in towns and cities. Urban areas are growing and with them the challenges. Shifting to electromobility will make cargo transportation quieter, cleaner and more sustainable. We want to make your transition towards electromobility easy. Our offer is based on the Volvo FE Electric and the approach is holistic; with solutions tailored for your individual needs like driving cycles, load capacity, uptime, range and other parameters.

Towards zero emissions

Volvo Trucks believe in sustainable transport. Making it happen is one of the greatest challenges facing companies in the mobility industry. For us, energy efficiency and alternative fuels are essential in our strategy to succeed. Our new electric trucks help us take a giant leap forward and demonstrate our long-term ambition to move towards zero emissions.

TRANSMISSION & BRAKES

Choose the best gear for your operations.

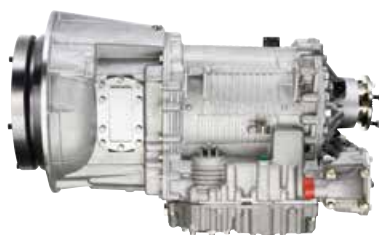
Regardless of your load capacity, type of cargo, transport assignments, driving conditions and personal taste, there's always a perfect choice of transmission for your Volvo FE. Choose between I-Shift, automatic and manual alternatives.





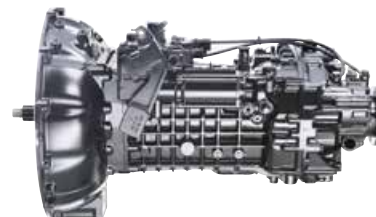
I-Shift.

Driving I-Shift is a real pleasure. Without the clutch pedal, you can safely sit back and concentrate on the other two. I-Shift uses its built-in intelligence to quickly and automatically choose the right gear at all times.



Automatic.

For applications where the assignments demand frequent starts and stops without interruption in power delivery, there is an automatic transmission. It offers maximum comfort for the driver.



Manual.

When opting for a manual shift transmission you have the option of 6 or 9 speeds. The 6-speed transmission is suited for inner-city driving with lower combination weights, while the 9-speed is adapted for applications with high demands on startability and performance.



Power take-offs.

The power take-off makes it possible to provide power specific attachments or machinery. The Volvo FE features a variety of power take-offs.



Disc Brakes.

The pneumatic brakes with lightweight discs all around offers smooth braking.



Clutches.

The functional single plate clutch on the Volvo FE vary from size 395 mm to 430 mm depending on gearbox type.



EBS.

The Electronically controlled Brake System incorporates an anti-locking system. It delivers fast braking response and reduced brake wear.

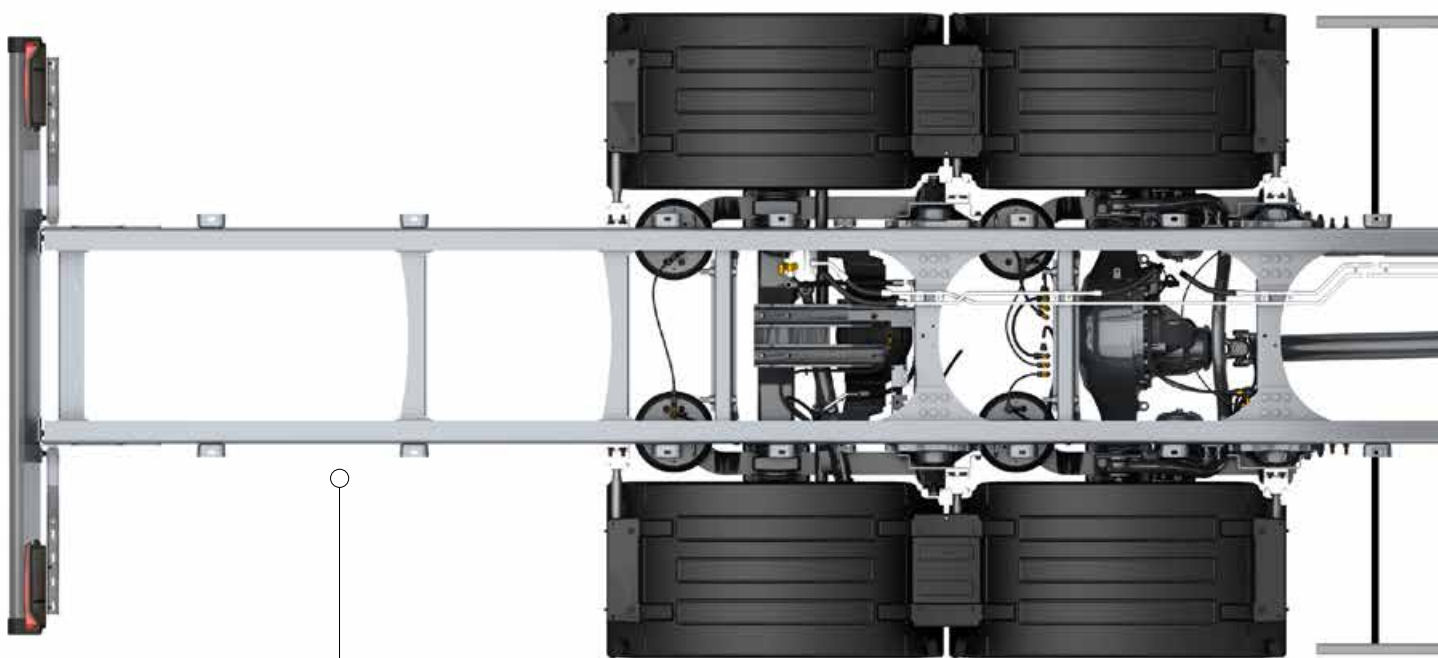
Let I-Shift take the strain.

Forget the clutch pedal and let I-Shift choose the correct gear – just sit back and focus on the traffic. I-Shift is Volvo's automated gear changing system which features an electronic control unit. It uses information about vehicle speed, acceleration, weight, road gradient and torque demand to optimise the gear changes. The I-Shift system communicates with the engine, which adjusts revs and engine brake effect for fast, comfortable automated shifts. For a complete overview, see **page 35**.

THE FLEXIBLE CHASSIS

A framework for success.

When adapting the chassis of the Volvo FE, our engineers set their imaginations to work. A flexible model was the collective vision, one that could be fitted to almost any assignment a truck could undertake. They then developed a sturdy, durable chassis with foldable side underrun protection which, although light, could bear heavy loads and could be easily customised. The choice of a 9 tonnes front axle made the truck even more agile. Now you can put the results of their endeavour to the test.



TAILOR-MADE, PREPARED OR STANDARD

The Volvo FE chassis can be ordered with a standard layout. But if you really want to make it easy for the bodybuilder you can order it with the preparation kit or even completely adapted to fit your specific needs. Thanks to the Volvo Bodybuilder Instructions (VBI system), the lead-times for the bodybuilder are shortened and you'll get your perfect truck, with the perfect superstructure, adapted to your specific business operations, in the shortest time possible.

SPECIAL APPLICATIONS

The chassis can be specially adapted for specific applications such as refuse transporters, tankers and cranes. Components like fuel and AdBlue tanks are repositioned in order to optimise the chassis.

TRAILING AXLES

There are two types of trailing axles on the Volvo FE chassis – a fixed tag axle with single or double wheels, or a hydraulically steered tag axle with single wheels. Both designs feature the option of a lift function when running unloaded.

REAR AXLES

Four different rear axles are available in various combinations. The load capacity range stretches from 13 to 23 tonnes.

SIDE UNDERRUN PROTECTION

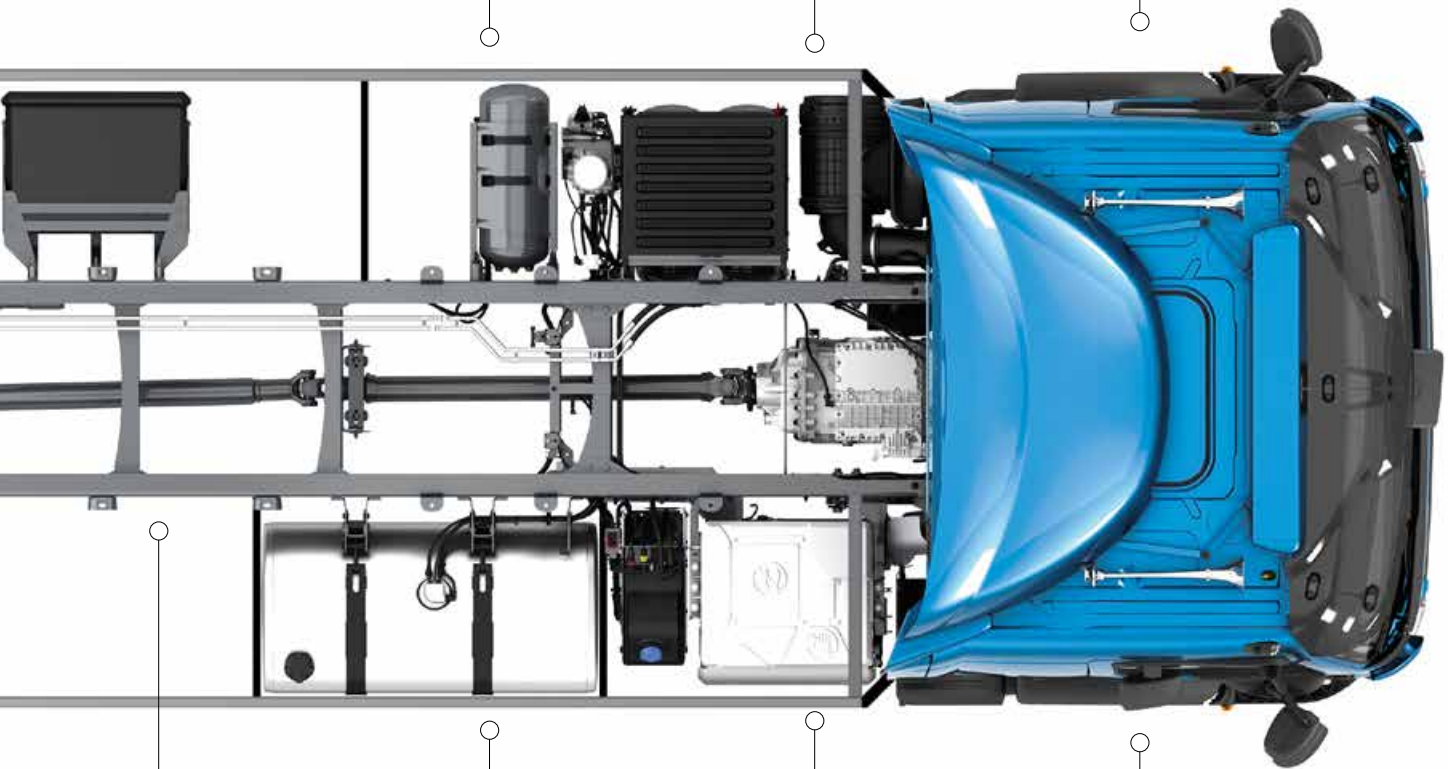
The reinforced, foldable Side Underrun Protection (SUP) comes as a factory fitted option. Designed by Volvo, it combines secure protection and easy serviceability.

SUSPENSION

Choose between air and leaf suspension on both the front and rear axles. There is a variety of combinations available, depending on truck model. The Electronic Control System (ECS) can be used to control the air suspension levelling, via switches on the dashboard or a control box. Loading is easier and faster regardless of the height of the loading ramp.

FRONT AXLES

Maintenance-free front axles with maximum load capacity of 7.1, 7.5, 8.0 or 9.0 tonnes are available.



FRAME HEIGHT

There are two frame section heights of 266 mm and 300 mm with a frame thickness of 7 or 8 mm available depending on model.

FRAME INNER LINER

On three-axle vehicles there is an inner liner to reinforce the area around the rear axles' installation.

FUEL TANKS

Depending on your truck specification and special requirements, you can choose steel or aluminium fuel tanks with capacities between 160 and 630 litres.

TOOLBOXES

Fit your Volvo FE with two separate toolboxes to store load security straps and other equipment. The smaller version is 55 litres in volume and the larger is 125 litres.

WHEELBASE

The Volvo FE can be specified with a wheelbase between 3200 and 6800 mm depending on the vehicle model and axle configuration.

CAB INTERIOR

Step into a more comfortable working day.

When your daily routine requires entering and exiting your vehicle frequently, a convenient, ergonomically designed instep is a must. Once inside, a spacious interior with well-appointed features makes your truck a relaxed space that is a real pleasure to work in. Take a look around the Volvo FE interior – adapted with your comfort in mind.



Spacious cab sizes.

There are four different spacious cab options with the Volvo FE. The day cab is the most compact of the three while the short sleeper cab can be equipped with or without bed. The low-entry cab offers unmatched comfortable entry. The larger sleeper cab always comes with a bed, offering ample space for rest and relaxation. Learn more on **page 34**.



Cab suspension.

A smooth drive is guaranteed by the Volvo FE's state-of-the-art cab suspension. There is a mechanical cab suspension, with coiled springs and shock absorbers at both front and rear, while full air cab suspension features bellows at both front and rear.



Even more generous storage space.

Look around the cab and you will find an abundance of space to store your items. Storage compartments in the dashboard. In the doors. Above your head. Between the seats.



Instep.

Optional stairwell lighting is available in the form of a lamp in the door's lower frame. Accessible grab handles and two anti-slip steps make regular entry and exit of your vehicle easy.



Audio system.

The Volvo FE audio system includes RDS radio, USB connection, Bluetooth for streaming music and phone connectivity.



Steering wheel.

The steering wheel can be adjusted to your favoured position and has a diameter of either 460 or 500 mm.



Comfortable and ergonomic seats.

The ergonomic seats are a key feature of the Volvo FE interior, with solid anchoring, integrated head-restraint and seat belt. The upholstery material provides excellent resistance to dirt. Both the driver and the passenger seats can be adjusted to suit your needs.



Low interior noise.

Maximum sound isolation means that the Volvo FE can be driven in a relaxed environment with minimum noise from the engine and tyres.



Ergonomic thinking.

The Volvo FE cab's interior layout is designed around the driver. The instrumentation and gearshift are positioned so that you can reach and control all functions in the truck without straining. The controls you use most often are placed close to the steering wheel, making your job a great deal easier.



DIN compartments.

Above the windscreen there are two storage units, as well as four DIN compartments. The DIN compartments are intended for items such as a communication radio, extra storage and tachograph.



Climate control options.

A climate unit keeps the cab temperature at the right level – with or without the use of air conditioning.



Dashboard and centre console layout.

The dashboard and cluster layout make it easy to monitor the vital information you will need. Speed, rpm, fuel and oil levels are all instantly visible, helping you plan your journey with ease.

The urban transporter.



When designing and building our range of trucks, we believe in each member of the Volvo family having its own distinct personality. The Volvo FE stands out from the crowd in this respect. It is a vehicle that radiates a particular confidence, and a balanced, sleek exterior marks out its territory as the highest quality vehicle in its specific field within urban transports. The trademark V-shaped LED lamps are one of its most recognisable characteristics on approach. The Volvo FE – all things considered, a mark of distinction.



Part of our premium range.

The Volvo FE is part of Volvo's premium truck range – from the mighty Volvo FH16 to the Volvo FMX, a rugged beast of a construction vehicle. No matter your assignment, we have the truck to match.



Feel proud to drive a Volvo.

The prestigious iron mark on the Volvo FE is placed high on the front of the vehicle, close to the driver.



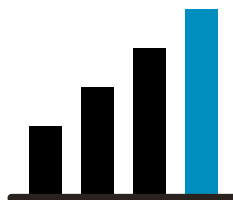
Optional roof hatch.

A steel or glass roof hatch is available. Manually or electrically controlled.



Front grille.

The front grille features a honeycomb mesh pattern that allows an efficient airflow, facilitating improved cooling of the engine and the aftertreatment process.



A comprehensive solution.

With maximum adaptability, load capacity and excellent driveability, the Volvo FE represents a perfect choice when looking to optimise productivity in your business. We make sure you receive the exact vehicle you need. Whether your business is construction, distribution or refuse handling, the Volvo FE is here to do the job.



Roof air deflector.

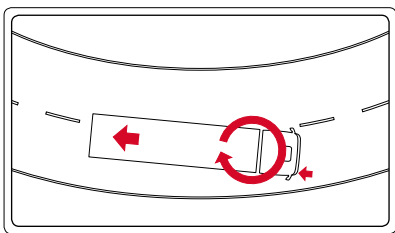
The roof air deflector reduces air resistance. Combine it with the sun visor and side air deflectors for even better results.



ACTIVE SAFETY

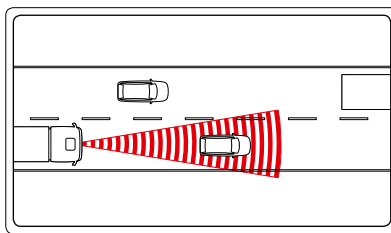
Developed with safety in mind.

At Volvo Trucks, we take pride in safety. This is a part of our heritage and one of our core values. It is a driving force behind the constant improvements we are making to our trucks. The Volvo FE features excellent visibility and improved in-cab safety, as well as an innovative protection system. This not only increases your own safety, but also the safety of those around you in the busy urban environment.



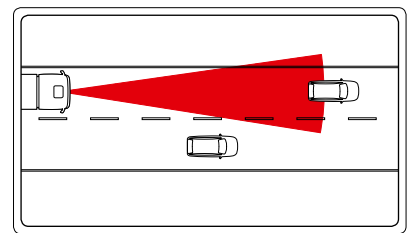
Electronic Stability Control.

Volvo's Electronic Stability Control (ESC) efficiently reduces the risk of skidding and rollovers. In risky situations it instantly steps in, reducing engine power and braking the truck and trailer. Each wheel of the truck is braked individually.



Adaptive Cruise Control, collision warning and emergency brake.

Follow the traffic rhythm without effort. The radar-based Adaptive Cruise Control (ACC) keeps a safe distance to the vehicle in front by controlling the accelerator and all available brakes. If there's a risk of collision, you will be warned – and if an impact is imminent, the automatic emergency brake quickly comes to your assistance.



Lane Keeping Support.

Drifting off lane is a common cause of serious accidents. Too common, we think. Lane Keeping Support tracks the road markings with a camera, and alerts you if you should unintentionally cross them.



Adjustable Speed Limiter.

Keep the speed limits when passing by schools or other environments where this is extra important. The adjustable road speed limiter is an easy-to-use feature to improve city safety.



EXTRA WINDOWS

Extra windows in the doors and side panels are also available. These are particularly useful when driving in busy city environments, and reveal what's going on in otherwise hidden angles. And the rear-view window lets you keep an eye on your precious cargo.

ENHANCED ALL-ROUND VISIBILITY

In urban environments, it is vital that you are able to get the total picture of your surroundings. Electrically controlled and heated exterior mirrors ensure that you are always have a clear view and the right angle to detect other traffic and vulnerable road users.

LANE POSITION AND OBJECT SENSOR

An intelligent camera that detects vehicles, other objects and lines on the road surface. This is important information for the driver support systems.

EXCELLENT FORWARD VISIBILITY

The windscreen is large and has a low bottom edge. This means an excellent forward view also right in front of the truck. With the low-entry cab, the close up-front view is even better.

DRIVER ASSISTANCE CONTROL UNIT

This is the brain in the Volvo FE's different driver support systems.

FRONT LOOKING SENSOR

This is a radar sensor that detects vehicles and objects – and can see how fast they are moving. This is important input to the driver support systems.

THREE-PIECE BUMPER CONCEPT

The Volvo FE's innovative bumper concept incorporates steel corners that provide excellent impact resistance. It is also easy to change a single part if it becomes damaged, leading to lower repair costs.

PASSIVE SAFETY

Always protected.

Behind the wheel of a Volvo truck, you are always safe and secure. And if an accident should occur, the Volvo FE will protect the driver and passengers as well as other road users. Our research includes real life accidents so we know what could happen. This is why we always perform more stringent safety tests than the legislation demands.



Integrated seatbelts.

The seatbelts have been integrated in the comfort and standard seats and have an excellent impact resistance. The seatbelts are also available in red, thus making it easy for passers-by to confirm their use.



Reinforced seats and seat anchoring.

The seats are of course safely anchored to the floor, and the anchoring has been specially reinforced in order to provide maximum safety.



Extra equipment.

You can always specify any extra safety equipment you want in your cab. Warning vests, fire extinguishers and first aid kits are all available.



Side Underrun Protection System.

The Volvo designed Side Underrun Protection (SUP) is designed to protect vulnerable road users like cyclists. The protection is factory fitted, foldable and easily removed. This means easy access to service points on the chassis.

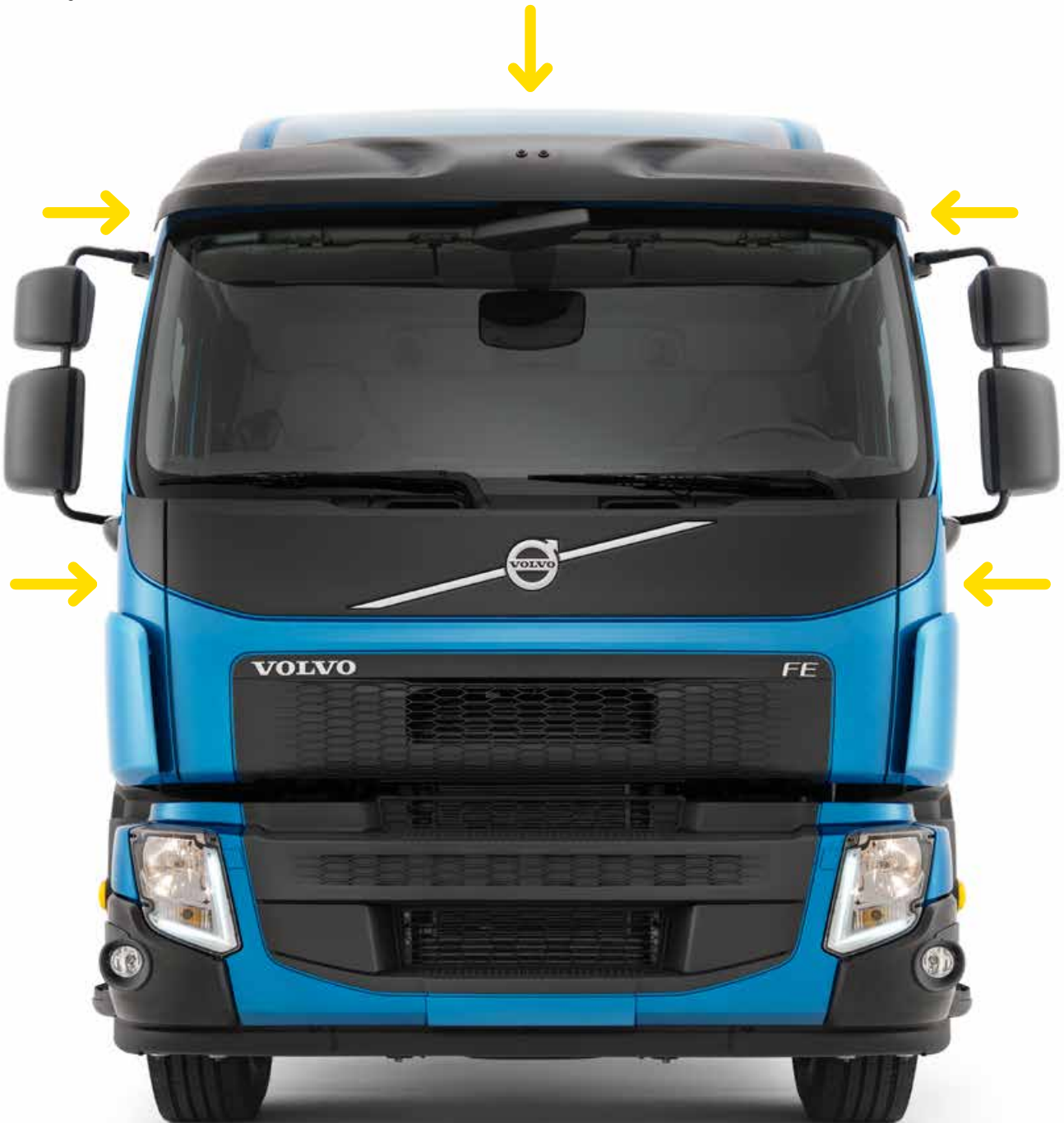


Front and Rear Underrun Protection Systems.

Other road users are protected by the Front Underrun Protection (FUP), as well as by the Rear Underrun Protection (RUP) and the Side Underrun Protection (SUP). They prevent smaller vehicles from becoming wedged under the truck in the event of a collision.

Reinforced cab.

The entire cab has been reinforced in order to provide a strong safety space should an accident happen. The doors, the rear wall, the roof and the floor – every part of the cab has been reinforced. This makes the cab safer when it comes to cargo shifting, collision or even fire. And of course, the cab has passed all Volvo's collision and crash tests which are tougher than any stipulated legal demands.



The complete transport solution.

Choosing a transport solution for your operations is an important decision. And once you have made up your mind, you can concentrate on your business. We let you do precisely that – with ease. Being part of the Volvo family means being able to take advantage of our comprehensive range of solutions. Whatever your requirements, you can be sure there is a package that suits.



Dynafleet always at hand.

Want to see how fuel-efficient you were on your last shift? All you need is Dynafleet and a smartphone or a tablet. Just download the app, and you've got yourself a great way to improve your skills. Or maybe challenge your colleagues.



Every drop counts.

Volvo Trucks' philosophy when it comes to sustainable fuel savings is a part of Volvo's holistic approach to optimal energy usage and reduced environmental impact. With relatively small measures, fuel consumption can be significantly lowered. Good for the environment and your bottom line.



Fuel Advice.

Gives you access to our fuel management coaches – true experts in reducing fuel consumption. Every month, they send you enhanced fuel reports with personalised advice on how to improve. You can get more advice via the dedicated help desk, or log on to the site to find hands-on tips and inspiration.



Volvo Premium Lease.

The Volvo Premium Lease offers a trouble-free ownership, so that you can focus on your core business. It means you will get financing, service, repair and insurance for a fixed monthly cost. Accurate budgeting is made easier, your cash flow will improve and you will reduce your capital outlay. With a Premium Lease, the truck is not shown as an asset on your balance sheet which preserves your credit for other engagements. A Volvo Premium Lease will help your business run even more smoothly and without effort.



Volvo insurance.

Volvo insurance offers a flexible and comprehensive solution. It can be tailored to your needs. The three basic types of insurance are:

Third part liability – covers you against damages to third parties caused by you.

Casco insurance – covers damages on your own equipment, non-related to third party, like fire, theft and vandalism.

Gap insurance – covers the gap between outstanding finance amounts and vehicle value in case of total loss. Gap is available for finance contracts with Volvo Financial Services. The insurance is provided by your Volvo dealer, making your truck even easier to own.



Driver development.

Improve your skills and utilise the full potential of your Volvo FE by using the Driver development services. You will reduce the risks of accidents, lower your fuel consumption and increase your productivity. You can also fulfil the certificate of professional competence (CPC) demands. This will help you to get the most out of your investment.

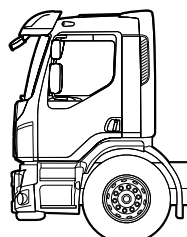
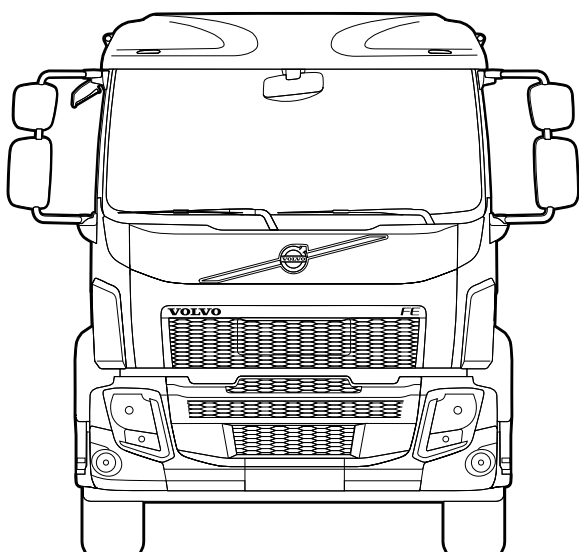


SPECIFICATIONS

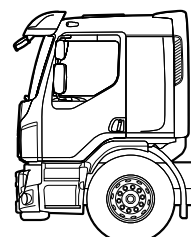
Tailoring your Volvo FE.

This is just a hint of all the choices you have when tailoring your Volvo FE to your needs. The full specifications and all possible options are available at www.volvotrucks.com or at your Volvo dealer.

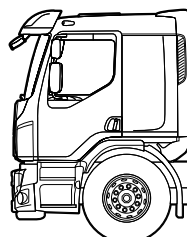
Cabs



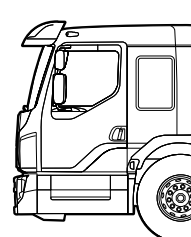
Day cab



Short sleeper cab



Sleeper cab



Low-entry cab*

Tractor axle configurations



4×2
Medium

Rigid axle configurations



4×2*
Low
Medium
High



6×2*
Low
Medium
High



6×4
High

* Configurations available with low-entry cab.

● = Drive axle.

⊙ = Dead axle (tag, pusher or front axle).

Engines

DIESEL AND HVO	Max power	Max torque
D8K250 (184 kW)	250 hp at 2100 r/min	950 Nm at 900–1700 r/min
D8K280 (206 kW)	280 hp at 2100 r/min	1050 Nm at 950–1700 Nm
D8K320 (235 kW) also biodiesel	320 hp at 2100 r/min	1200 Nm at 1050–1600 r/min
D8K350 (258 kW)	350 hp at 2100 r/min	1400 Nm at 1200–1600 r/min
CNG	Max power	Max torque
G9K320 (235 kW)	320 hp at 2200 r/min	1356 Nm at 1300–1400 r/min

Gearboxes

I-SHIFT

12-speed splitter and range gearbox with automated gearchanging system. I-Shift can be fitted with a power take-off and oil cooler.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AT2412F	Direct	2400	44

MANUAL GEARBOXES

The manual gearboxes are operated with servo assistance. The short gear lever, which is integrated into the instrument panel, is vibration-free and gear lever movement is short and crisp. The gearboxes can be specified with a power take-off.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
ZTO1006	6	1050	32
ZTO1109	9	1200	44

AUTOMATIC GEARBOX

The automatic transmission presents excellent starting properties and smooth gear changes that cover the entire speed range. The gearbox is operated via push buttons in the instrument panel. It can be specified with power take-off.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AL306	6	1500	32

Here's a small selection of specifications – but there are more to choose from. Ask your Volvo dealer or visit www.volvotrucks.com to learn more.

ACCESSORIES

Make it your truck.

Tailor your Volvo FE for your particular transport assignments and for your personal needs. There's a wide range of accessories to choose from. It's all about making the truck more efficient for the work you do. And don't forget that they are all developed and tested by Volvo Trucks for Volvo trucks to make sure they all bring what you expect from a Volvo product. Hey, we've even crash tested the coffee maker! Here's a small selection of accessories – but there are tonnes more to choose from. Ask your Volvo dealer or visit www.volvotrucks.com to learn more about accessories.



Some of the equipment shown or mentioned may only be available as options or accessories and may vary from one country to another in accordance with local legislation. Your Volvo dealer will be happy to provide you with more detailed information. Colours may vary somewhat owing to the limitations of the printing process. We reserve the right to alter product specifications without prior notification.



Audio package

Portable warning and working light with batteries



Battery charger



Red seat belt



Plastic wheel cover

Rubber mat



VOLVO

Volvo Truck Corporation
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