



Volvo Trucks. Driving Progress

VOLVO FMX





THE VOLVO FMX

Evolution
by **Volvo Trucks**





Built for your challenges.

The Volvo FMX has more character, more space and more intelligence built in – and it's more efficient than ever. It's your partner and an extension of yourself. It's up for the same challenges you are. Are you ready for it?

Find out more at your local dealer

MORE CHARACTER

Don't compromise.

Always ready to tackle the most demanding conditions without breaking a sweat. Still, it's refined, comfortable and easy to use. The Volvo FMX is no brute, but never afraid to take a beating. This next evolution now offers more interior space and comfort, improved safety and the tools for an even more efficient operation.

The new Volvo FMX is tough. The look is familiar – but the profile is more upright, the shapes are smoother, and the robust lower front has more character. The window areas are generous and the door line is low to provide a great all-round visibility from the driver's seat. It's built for intense environments.

As soon as you get into the driver's seat – before you've even started the engine – it's clear that this is a completely new driver interface, made to put you in control of tough challenges. And as soon as you drive away, you'll feel that you're more in charge of the power and capacity of your truck than ever before.





Everything is designed for a reason.



EXTERIOR DESIGN

The face of evolution.

Are you a demanding driver, looking for a truck that always delivers – on and off the road? That's exactly what the latest step in evolution of the Volvo FMX is all about. All features are there to work for you.

The upright A pillars and the aerodynamic shape of the cab. The robust lower front, now with even more character. The generous window areas. The low door line. The elegant mirrors. Every single element is intentionally designed and there for a reason.

It's all there to help you get the work done in the most efficient

way, without strain. It's there to make the Volvo FMX easy to access, to be durable when things get tough, to be a breeze to work around and provide an excellent view from the driver position. To support you in being a dependable business partner that keeps promises. Day in and day out. That's Volvo FMX evolution.



THE INSIDE THAT WORKS

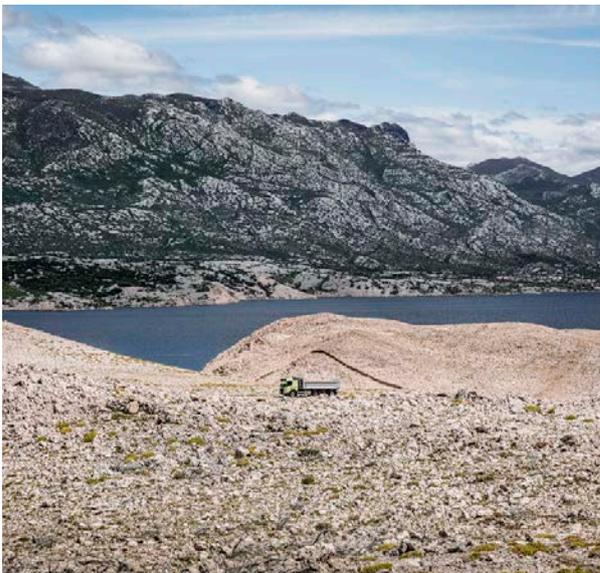
Exactly what you need. Where you expect it.

Hands on the wheel and eyes on the road – that was the mantra for the design team behind the driver interface. We put extra effort into the interface precisely so you don't have to pay it too much attention.

Have a seat and your right hand lands on the next generation I-Shift gear lever. The neck tilt function gets the steering wheel in your favourite position. The instrument cluster lights up – with an instrument display that is all digital and fully dynamic. The driver interface is adaptable and optimised for every situation – whether you're doing your daily check, driving on challenging passages, navigating to your pickup point or loading your truck.

Most of the functions are controlled using steering wheel controls – evolution has come a long way. All so you can keep

your hands on the wheel. To your right, the side display gives you access to media functions, communication tools, monitoring camera views and apps. It's the command centre for your mobile office. The entire interface is intuitive, adaptable and accessible, exactly the way you expect it to be. If you need more traction – simply turn the control in the traction control panel clockwise to engage diff lock functions. On top of it all, the cab is spacious and filled with smart storage spaces for the things you need.





Made to
take you all
the way.



EXTREME MOBILITY

Don't let the terrain stop you.

Do your assignments include routes on poor roads or sometimes even no roads at all?

Don't worry, we designed the Volvo FMX to let you go where you need to go.

And we've loaded it with the functionality to make it easy.

Get the traction and ground clearance you need, when you need it and without overdoing it. No matter how many axles you need on your Volvo FMX, you can also always get a driven front axle. Through the Automatic Traction Control, the front axle drive is only engaged when needed – making the truck easier to manoeuvre and saving fuel at all other times.

Our rear air suspension is made for construction trucks, giving you the ground clearance of leaf suspension with the comfort and efficiency of air suspension. The rear axle pressure on every axle is optimised for better traction.

For tandem drive you can get the Tandem Axle Lift, letting you disengage and lift one of the drive axles when it's not being used. It gives your 6×4 drive the traction you need combined with the fuel efficiency and agility of a 4×2.

Axles and differential locks are engaged with an easy-to-use traction control panel that gives you more traction by turning the control clockwise. You have full control over your differentials and the load on each axle in the instrument display. The Volvo FMX is made to take you all the way.



TAKING MEASUREMENTS

Tailored for you.

*Working space or loading space? Driving on roads, poor roads – or off road?
Technical payload or legal payload? High or low, fast or slow?
The Volvo FMX is easy to tailor to your needs.*

Would you go for the compact day cab, the sleeper cab, the spacious Globetrotter cab or do you need to bring more passengers in the crew cab? They are all easy to enter, offer excellent visibility and driving comfort. And they all offer more space and smarter storages than you might be used to in a Volvo FMX. Which one suits you best? Are you pulling a trailer, or plan to fit a tipper superstructure? Or maybe a purpose-built superstructure customised for your specific needs? Need high load capacity without sacrificing manoeuvrability? Choose between two, three, four or five axles. One, two or three driven axles. The air suspended front axles can take up to 10 tonnes each. And you can get your Volvo FMX with a rear air suspension that's designed for construction

duties – in a wide range of axle configurations.

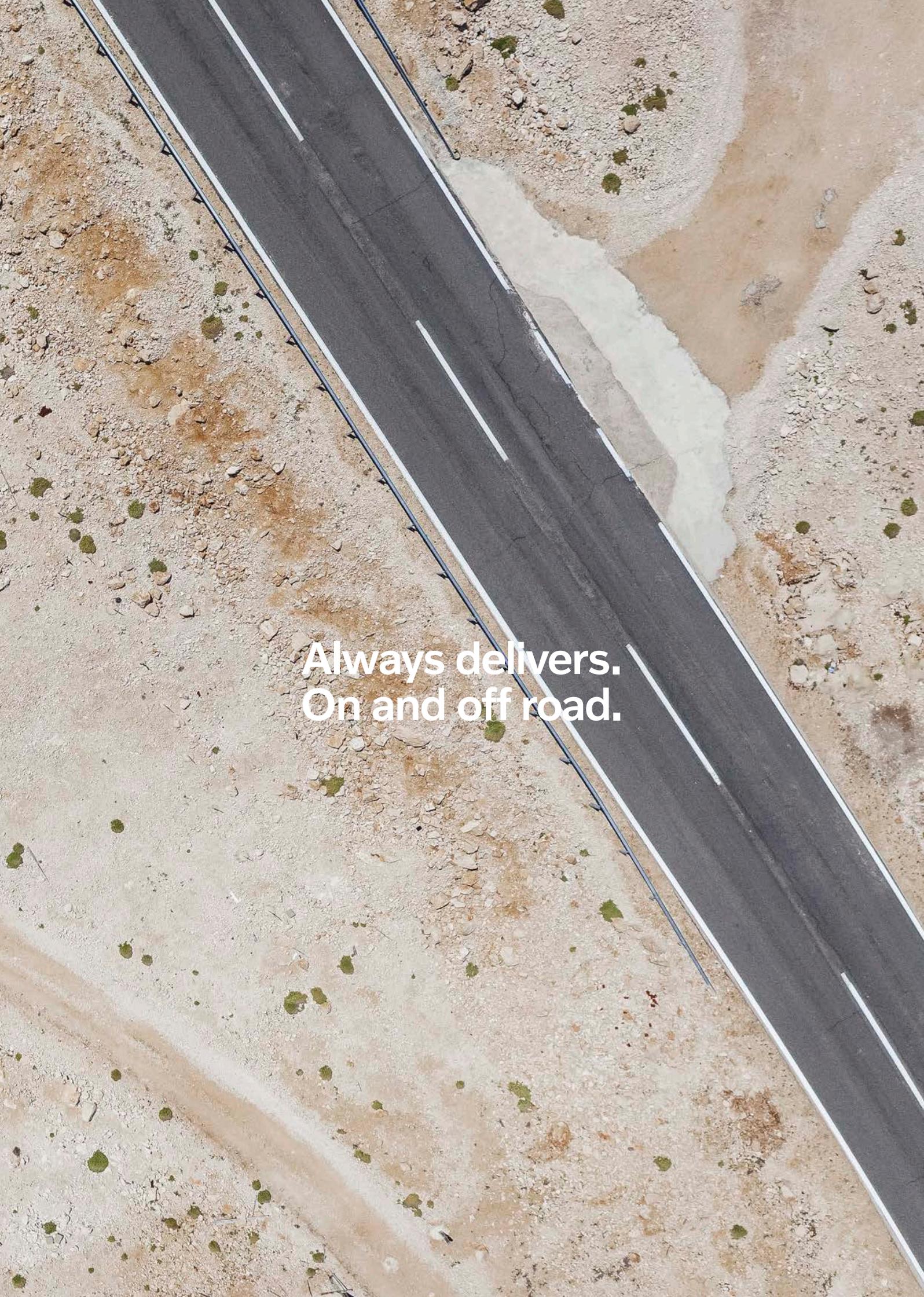
Do you need to comply with legal weight restrictions? Or do you aim to utilise the technical payload? The chassis frame, axle configuration and installations can be tailored for it all right in our factory. Do you drive in tough terrain and need extra protection for the engine and other vital parts? Add the sturdy skid plate.

Choose from a wide array of powertrains for the Volvo FMX. Engine outputs range from 330 hp D11 to the 540 hp D13, and can run on alternative fuels. The power is transmitted by the I-Shift transmission – with crawler gears or a dual clutch if needed – or by the Powertronic transmission. Your dealer will help you tailor your Volvo FMX to get the most out of it.







An aerial photograph of a two-lane asphalt road winding through a dry, rocky desert landscape. The road is dark grey with white dashed lane markings. A metal guardrail runs along the left side of the road. The surrounding terrain is light-colored, sandy soil with scattered rocks and small green shrubs. A large, irregularly shaped, light-colored patch, possibly a dry water feature or a large rock formation, is visible on the right side of the road.

Always delivers.
On and off road.

YOUR PRODUCTIVITY

Let's get some serious work done.

The Volvo FMX can be loaded with features that let you do more, with less effort and in less time. We'll help you build your truck for your challenges.

Your transport solution needs to balance parameters like speed, power, load capacity, cycle times, variations in utilisation, traction and more to in order to suit your operation. The Volvo FMX is more than ready for this balancing act.

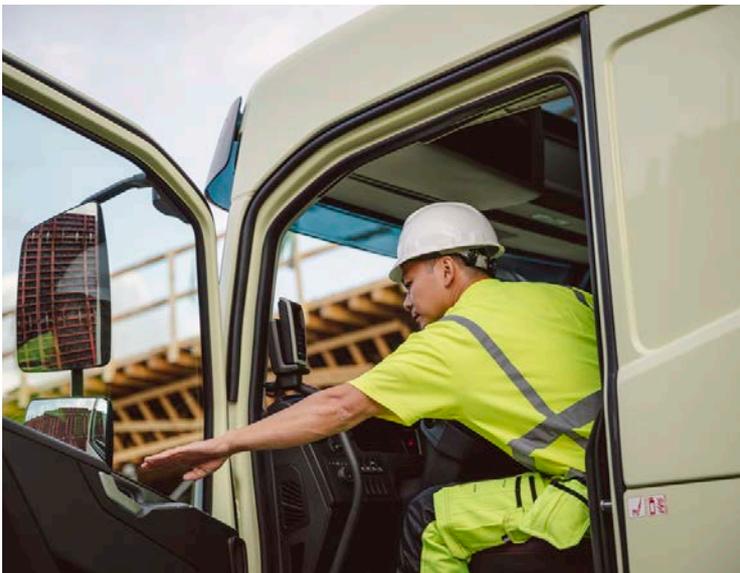
For instance, the ease of getting in and out of the cab is more important the more times a day you do it. The Volvo FMX offers a low driving position, enabling easy access and excellent visibility. Still it offers space and comfort for you and your gear wherever you operate. And navigating tricky terrain when heavily loaded gets way easier with Volvo Dynamic Steering, as it takes the strain off driving.

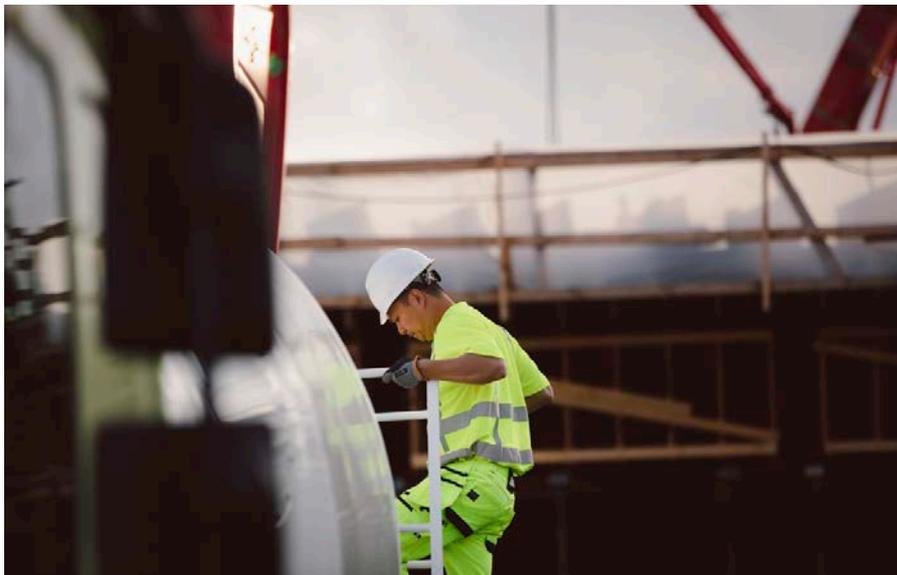
How much load do you want to take? Up to five axles are available. With air suspension, the front axles take up to 10 tonnes each. And the sturdy leaf suspended bogie take up to 38 tonnes – giving the Volvo FMX outstanding load capacity. To make manoeuvring

with heavy loads less tricky, we've given the tag and pusher axles increased steering angles.

The heart of the Volvo FMX is of course the engine. Outputs of up to 540 hp are available so you can choose the level of power you need. The I-Shift changes gear at the exact right moment to bring out the best from the engine power. And the I-Shift driving modes are even easier to use. The I-Shift with crawler gears lets you start easily with massive loads, crawl slowly and use fuel efficiently at high speeds. And the Powertronic transmission changes gear without any interruption in power delivery.

Behind the wheel, you not only have a great driving position, you also have access to all the communication tools you need to work efficiently, in the side display. When everything you need is organised and accessible, the job gets easier.





**The Volvo FMX
is more than ready.**

YOUR SAFETY

In charge. With backup.

We want you to be in complete control of your truck. Still, we want to help keep you safe at the same time. And if anything should happen, we want you well protected. So we built a whole lot of safety into the Volvo FMX.

The Volvo FMX cab offers visibility that few in the industry can beat. It's got generous window areas, optimised mirror design and a passenger corner camera that covers the area close to the truck on the passenger side. In total, up to eight cameras can be connected – to optimise the view for your application. You can know what's going on around you and have the power to act with direct steering response and crisp handling. The downhill cruise control utilises the auxiliary brakes to keep down speed and engages the wheel brakes only if needed.

Support systems like Collision Warning with Emergency Brake and Volvo Dynamic Steering with Stability Assist and Lane Keeping

Assist offer a helping hand in situations that could otherwise have been disastrous. They're not there for comfort, they're safety functions that step in to correct and keep you within your intended margins. Through Dynafleet Safety, you can identify improvement potentials.

If an accident should occur, you're sitting in what could be the most protective cab in the transport industry. One that exceeds legal safety requirements. You're well guarded.

Safety is at the core of everything we do. For more than 50 years, we've had our own accident research team and know how to take a holistic approach to safety. It's all built in there.







YOUR UPTIME

Ready when you are.

*Load, drive and deliver on time. It's the time you use your truck that counts.
We built the Volvo FMX to be ready when you are and avoid unplanned stops.
And you can tailor the support to match the beat of your business.*

A durable truck is the foundation of maximised uptime. The Volvo FMX is built to never let you down – all the way from our designs and the materials we choose to the solutions that we offer ensure you can keep on going. A heavy-duty bumper that won't break. A skid plate that protects the engine sump, hoses and cooler.

Eventually, components and systems get worn even on a Volvo truck. The Volvo FMX can communicate remotely with the workshop to say how it's doing so that service and repairs can be planned according to your actual operation. This way you can swap unplanned stops for scheduled actions that require less time

in the workshop and lower costs for you.

The best way to maximise your uptime is a Volvo Gold Contract that includes all the service and repairs needed at a fixed monthly cost. The Flexi-Gold version follows the same concept, but the fee is tied to your monthly actual mileage. If your mileage drops, so do the costs for service and repairs. This is a suitable choice if the intensity of your business varies over the year. And you'll always have a truck that's ready when you are.

Check out volvotrucks.com or talk to your dealer to tailor the services for your needs.







THE VOLVO FMX

**Facts. Choices.
Accessories.**

Tailoring your Volvo FMX.

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

Cabs



Low day cab



Day cab



Low sleeper cab



Sleeper cab



Globetrotter cab



Crew cab

Engines

11 LITRE	Max power	Max torque
D11K330 (245 kW)	330 hp at 1700–1800 r/min	1600 Nm at 950–1400 r/min
D11K380 (280 kW)	380 hp at 1700–1800 r/min	1800 Nm at 950–1400 r/min
D11K430 (317 kW)	430 hp at 1700–1800 r/min	2050 Nm at 1058–1400 r/min
D11K460 (339 kW)	460 hp at 1700–1800 r/min	2200 Nm at 1050–1400 r/min

13 LITRE	Max power	Max torque
D13K420 (309 kW)	420 hp at 1400–1800 r/min	2100 Nm at 860–1400 r/min
D13K460 (345 kW)	460 hp at 1400–1800 r/min	2300 Nm at 900–1400 r/min
D13K500 (368 kW)	500 hp at 1530–1800 r/min	2500 Nm at 980–1270 r/min
D13K540 (397 kW)	540 hp at 1460–1800 r/min	2600 Nm at 1000–1460 r/min

Gearboxes

I-SHIFT

12-speed splitter and range gearbox with automated gearchanging system. The version with crawler gears enables slow driving with full control of power.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AT2412F	Direct	2400	44
AT2612F	Direct	2600	100
ATO2612F	Overdrive	2600	100
SPO2812 Dual Clutch	Overdrive	2800	80

POWERTRONIC

Fully automatic power-shift transmission with torque converter and oil cooler. Changes gears without power loss.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
PT2106	Direct	2100	44
PT2606	Direct	2600	60

Tractor axle configurations

 4x2	 4x4	 6x2 (pusher axle)	 6x2 (tag axle)	 6x4	 6x6	 8x4 (pusher axle)
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Rigid axle configurations

 4x2	 4x4	 6x2 (tag axle)	 6x4	 6x6	 8x2 (dual front axles)	 8x2 (tridem)
 8x4 (dual front axles)	 8x4 (tridem pusher axle)	 8x4 (tridem tag axle)	 8x6 (dual front axles)	 10x4 (dual front axles, tag axle)	 10x6 (dual front axles, tag axle)	

● = Drive axle.

⊙ = Non-driven axle (tag, pusher or front axle).

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

ACCESSORIES

Your truck. Your way.

The Volvo FMX isn't really complete until you're behind the wheel – with all the gear and functionality you need for your work and life on the road. We have the accessories you need to fully outfit your truck the way you want it. Your way.

Have a closer look at volvotrucks.com and talk with your dealer about how to really make it yours





7 reasons to choose the Volvo FMX.

The highlights that deliver – on and off road.

1 THE VISIBILITY. The Volvo FMX offers excellent visibility with its generous window areas and well-designed mirrors. On top of that, you can add up to eight cameras – one of them being the passenger corner camera, positioned in the passenger side rear-view mirror – with camera views presented in the side display. It will put you well on top of the traffic situation, your truck and your load.



2 THE RIGHT POWER. No less than seven engine options between 330 hp and 540 hp, and you can even drive on alternative fuels. It's easy to tailor your Volvo FMX to your power needs and any of your customer's special requirements.

3 THE ERGONOMIC WORKPLACE. The Volvo FMX lets you work efficiently without wearing yourself out. The cab is easy to enter and exit safely. The neck tilt function lets all drivers find their perfect driving position. And Volvo Dynamic Steering is made to take the strain off any driver's shoulders.



4 THE LOAD CAPACITY. You can get your Volvo FMX with load capacity optimised for your needs – whether you utilise the maximum technical load capacity or the maximum legal capacity. On top of that, the air suspended front axles can take up to 10 tonnes each. And if you need to get really heavy, there's a leaf suspended bogie that takes on a full 38 tonne bogie load and manages a gross combination weight up to 150 tonnes.



5 THE DRIVER INTERFACE. An instrument cluster that's fully digital and adapted to your truck, your needs and your driving requirements. You are in full control of the differential locks and load on every axle. Just turn the control in the traction control panel clockwise to get a better grip. In the side display, you have full control of your communication tools.

6 THE ROBUST EXTERIOR. The Volvo FMX is built to take a beating. The lower front with the sturdy steel bumper and the skid plate ensure that vital functions like headlamps and the power-train sit well protected even when driving off road. Also, if parts of the steel bumper should need replacing, it's an easy job.



7 THE I-SHIFT RANGE. For the Volvo FMX, you can choose from a wide variety of hardware and software within the I-Shift family. The I-Shift driving modes are easier than ever to use. With crawler gears, you can handle high combination weights while still getting good fuel efficiency at higher speeds. The I-Shift Dual Clutch shifts gear with no interruption in power delivery. Regardless of choice, it's beyond easy to drive safely and efficiently.

THE VOLVO FMX

Take the next step.

The evolution continues. This is the truck that always delivers – on and off road. Talk to your local dealer about your challenges, and get a Volvo FMX tailored to meet them. Flexible finance packages and tailored insurance policies from Volvo Financial Services help you make your investment – and protect it.

Find your nearest dealer at volvotrucks.com



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.

FMX



It runs in the family.

The evolution continues across our range of trucks.
Find out more at your local dealer or at volvotrucks.com



VOLVO FH16 Our most powerful truck, made to handle the most demanding environments. Easily keeps a high average speed with high payloads on hilly routes. Offers the highest level of comfort on the road.

Engine outputs: 550–750 hp.

Cabs: Five sizes.

Fuel alternatives: Diesel, Biodiesel, HVO.



VOLVO FH The ultimate long haul experience. A custom made truck that improves your business through excellent uptime and optimised fuel efficiency. Outstanding driving environment and comfort for drivers who spend their lives on the road.

Engine outputs 420–540 hp

Cabs: Five sizes.

Fuel alternatives: Diesel, LNG, Biodiesel, HVO.



VOLVO FM A versatile, comfortable and safe truck for the busy driver. Excels in efficient transport with low chassis weight and easy cab entry. A comfortable workplace with great visibility.

Engine outputs: 330–500 hp.

Cabs: Six sizes.

Fuel alternatives: Diesel, LNG, Biodiesel, HVO.



VOLVO FE Offers a high load capacity in a more compact and agile format. Easy to drive, with unique features for better visibility and ergonomics. Available with an all-electric powertrain.

Engine outputs: 250–350 hp.

Electric: 400 kW/330 kW.

Cabs: Four sizes.

Fuel alternatives: Diesel, CNG, Biodiesel, HVO, Electric.



VOLVO FL Offers a high load capacity and light terrain ability in a compact format. Easy to drive and easy to own. Available with an all-electric powertrain.

Engine outputs: 210–280 hp.

Electric: 200 kW/165 kW.

Cabs: Three sizes.

Fuel alternatives: Diesel, HVO, Electric.

VOLVO

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