

V O L V O



VOLVO FMX

**ALWAYS DELIVERS.
ON AND OFF ROAD**

Volvo Trucks. Driving Progress



GET THERE, REGARDLESS





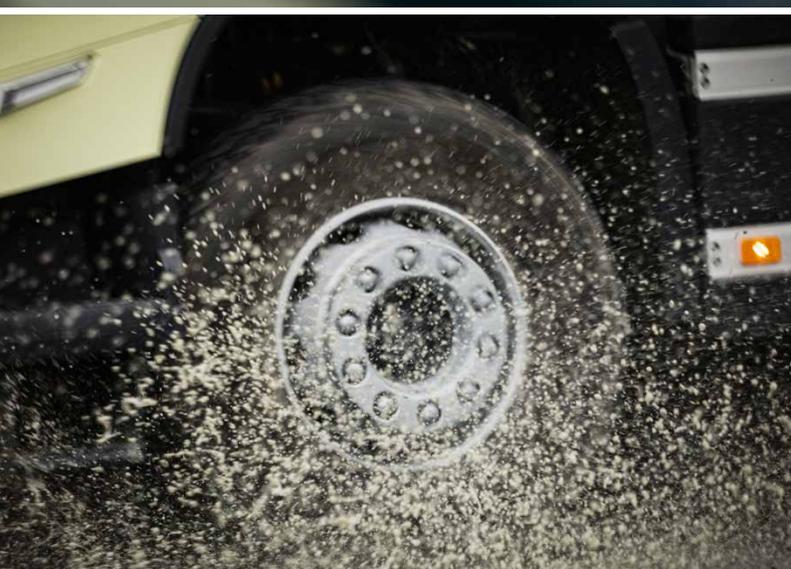
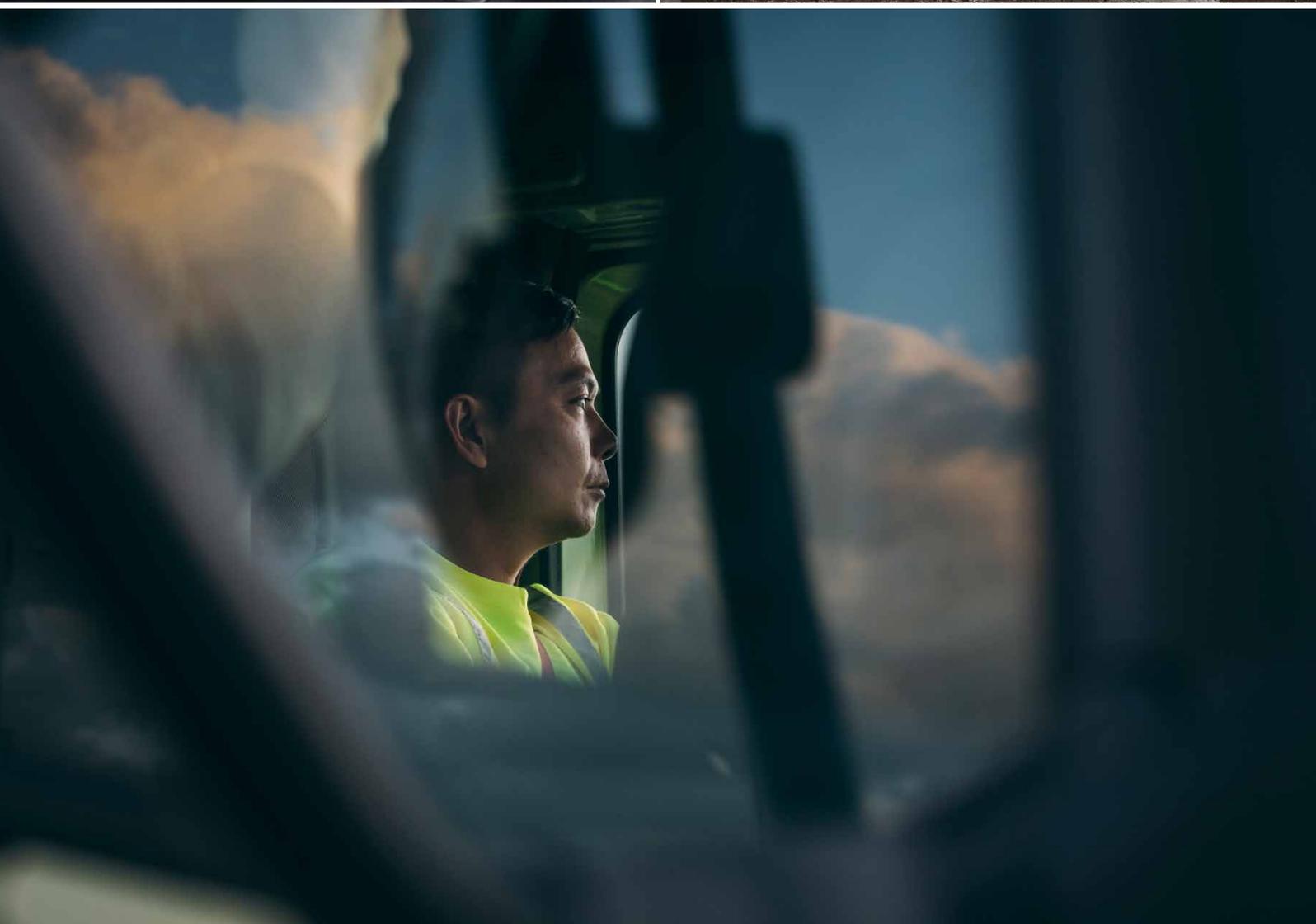
Don't compromise.

If you're about to tackle the most demanding conditions without breaking a sweat, you'll need the right tools for it. The Volvo FMX is a tough construction truck that's up for the challenge. Still, it's refined, comfortable and easy to use. So that you don't need to trade comfort for terrain capabilities.

A wide range of accessible cab options and a set-up of powertrain features for extreme mobility that few others will match. The possibility to power your fleet with either electricity or diesel. And a chassis concept ready to tailor your truck for high load capacity, off-road conditions, easy

manoeuvring – or whatever your operation requires. That's the Volvo FMX.

It's ideal when you need to drive in poor road or off-road conditions, carry massive loads or just need a powerful and efficient truck with a robust exterior. This truck is as tough as it looks.



Relax. You're in control.

It may be harsh on the outside, but inside the Volvo FMX cab you sit comfortably and well protected. With a great view. Here, you have control over everything you need to do your job efficiently and smoothly with the highest level of safety.

In position

The driver interface is a tool for professionals, so we designed it to be intuitive and help you concentrate on your work. Have a seat, and your hand naturally lands on the I-Shift gear lever. The neck tilt function gets the steering wheel in your favourite position.

Clear and dynamic

The instrument cluster is all digital and fully dynamic. It's adaptable for every situation, whether you're doing your daily check, climbing a steep incline with a heavy load or navigating to a point of delivery. The side display gives you access to media functions, communication tools and the apps you need. It's the command centre and you're in control. Most functions are managed using steering wheel controls. Intuitive, adaptable, and accessible. Exactly the way you expect it to be.

Make yourself comfortable

Your cab is more than a workspace, it's also a comfortable place for breaks and rest. The Volvo FMX cabs come in six different sizes, all with plenty of space for you and your gear – and even a crew if needed. And you can get it with up to two beds for resting or overnight stays when needed. If your truck is parked on a slope, you can adjust the bed to compensate to improve sleeping comfort further. And when you need to get your rest in broad daylight, just draw the blackout curtains.

Stay powered

Do you use a lot of onboard equipment for comfort, communication, and entertainment? With the dual battery system, you'll have all the power you need for both your comfort and your uptime.

ALL WORK AND NO PLAY



The Volvo FMX in numbers.

The Volvo FMX is a tough construction truck
that can be tailored for a wide range of needs.
There are numbers to prove it.

2

The Volvo FMX is available in two different versions – powered by either electricity or diesel fuel.



6

The Volvo FMX comes with a choice of six different cab sizes.

650

Get your Volvo cab delivered in the colour you like. Choose from over 650 different hues, tints and shades.

2010

The robust Volvo FMX was launched in 2010 – and it was an instant hit among construction and mining transport operators.

8

Choose between eight different diesel engines, ranging from 330 hp to 540 hp.

1

The I-Shift with terrain brake lets you drive in tough terrain at low speeds using one pedal drive.

9

The Volvo FMX crew cab can carry up to nine people, all safely seated.



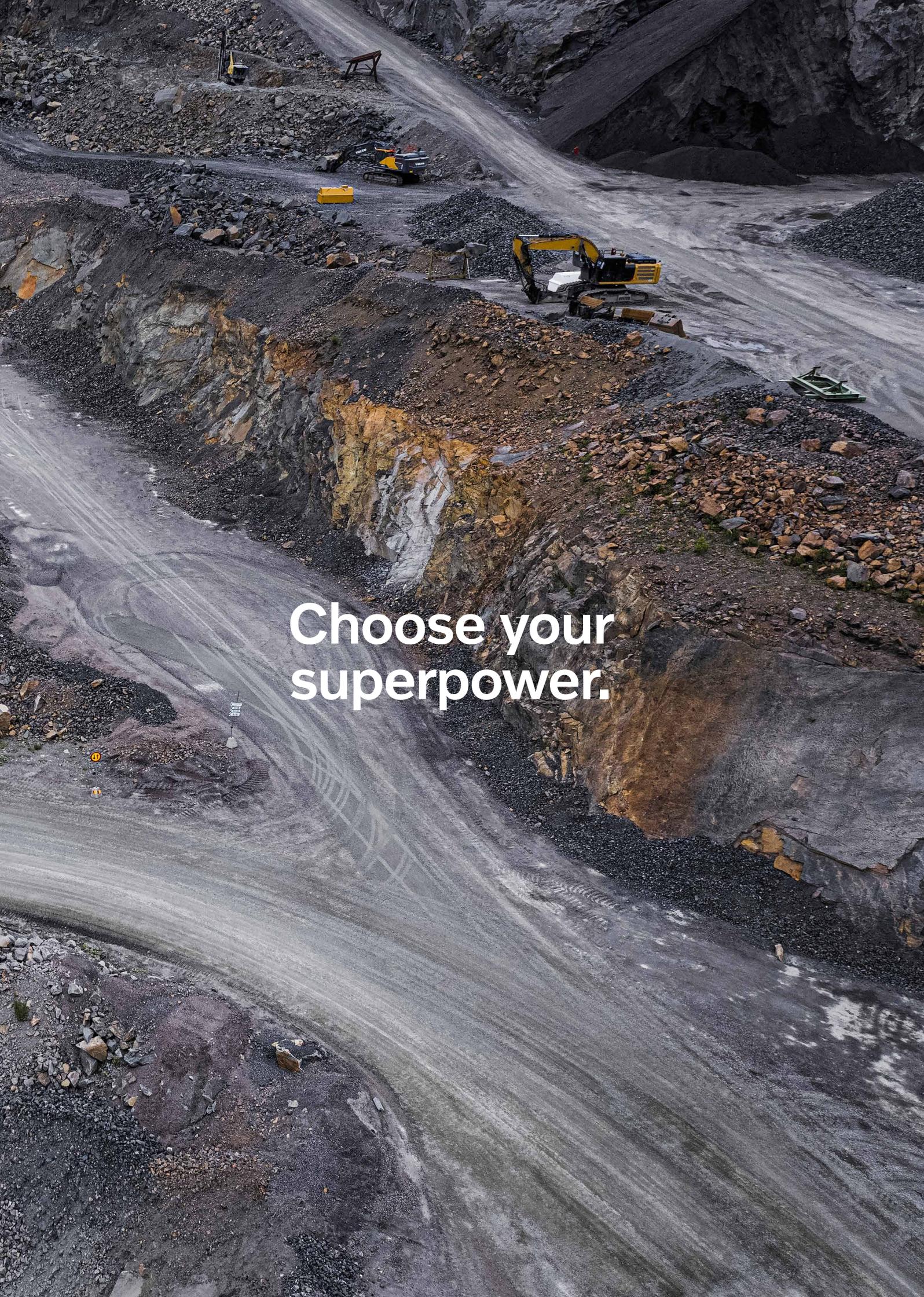
320

A fully charged Volvo FMX Electric offers an operating range of up to 320 km.

490

The Volvo FMX Electric offers up to 490 kW of continuous power.

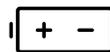




Choose your
superpower.



With the Volvo FMX, you get access to the right power for every situation – either electric or diesel. Whatever your choice of superpower, you can feel confident that you get the performance you need and make the most out of all the energy or fuel you put in.



Electric power

Zero exhaust emissions, low emissions zone compliance, quieter operation, excellent energy efficiency, and instant power delivery – the electric powertrains offer it all. Three electric motors delivering up to 490 kW (666 hp) of continuous power through the I-Shift means this powertrain manages up to 44 tonnes GCW with ease.

Range for your needs

We tailor your Volvo truck for your routes and assignments. The Volvo FMX Electric with fully charged batteries gets you up to 320 km*. However, the continuous development of batteries will enable an even longer range. Go to volvotrucks.com or contact your dealer for details.

* We say that the Volvo FMX Electric offers a range of up to 320 km. However, range depends on external conditions such as the weather and wind resistance, together with the total weight of the truck and the driver's performance.



Diesel power

Choose between four different 11-litre diesel engines and four different 13-litre diesel engines with outputs from 330 hp to 540 hp. They all offer a high torque at low revs and a high efficiency rate. The D11K is a great choice when you want to minimise weight and manage your assignments with a little less torque than the D13K. All our engines can be combined with a wide range of I-Shift transmissions and rear axles. This means we can tailor the Volvo FMX powertrain for your specific needs.

I-Shift in the right gear

The I-Shift is Volvo Trucks' range of automated transmissions for different needs. They all offer fuel-efficient and reliable operation and you're

always in the right gear. For uninterrupted power delivery, go for the I-Shift Dual Clutch. If you're pulling heavy loads and need to manoeuvre at low speed – the I-Shift with crawler gears might be your pick. When negotiating tough terrain, you'll appreciate the one pedal drive of the I-Shift with Terrain Brake and the Change Direction function. And with Active Grip Control, you get maximum traction when you need it.

I-See with I-Torque

I-See helps you save fuel by automatically optimising speed and gear changes for the topography of your specific routes – great if you cover longer distances. The I-Torque function further controls the available engine torque when climbing hills to save fuel.





ONE PEDAL DRIVING



A chassis tailored for hard work.

You can get your Volvo FMX loaded with features that let you do more in less time, with extreme durability. We tailor your truck to support the success of your business – using components and systems that are made to work for many years to come.

Suspension to match

No matter if you need a powerful and robust truck for transports on road or fill your bucket to the max in a mine – you can get your chassis with a suspension with optimised comfort and productivity. Purpose designed air suspension with high ground clearance and extended functionality, or sturdy parabolic suspension designed for tough use? You choose.

Volvo Dynamic Steering

Perfect stability and control at all speeds and any driving conditions, combined with reduced strain on your muscles. The Volvo Dynamic Steering offers it all – plus you get assistance to avoid skidding and unintentional lane changes. The best conditions for efficient and safe work.

At your level

The chassis comes in four different heights; with parabolic, leaf, or air suspension; and a range of combinations. These make for great possibilities to tailor your tool for your needs.

38 tonnes on the bogie

For high demands on load capacity, there's a heavy duty bogie for the Volvo FMX that manages loads up to 38 tonnes.

Axles for margins

The air suspended front axles on the Volvo FMX can take up to 10 tonnes of load each, for your load capacity or increased flexibility.

Tandem axle lift

Lift one of the tandem drive axles when you need to. It gives you the traction and load capacity of two axles when you need it – and the agility, fuel efficiency and tyre wear of one axle the rest of the time.

Up to five axles

Whether you need two, three, four or five axles on your truck – you can get it delivered directly from our factory. You'll get your truck quicker and you will get it with a complete vehicle type approval along with a full Volvo warranty and our aftermarket support.

The tough get going.

If your operation includes going where others can't, there's a wide range of features that lets your Volvo FMX move outside the realm of ordinary trucks. And do it with ease. Just get going.

Driven front axle

Don't let the terrain stop you – order your Volvo FMX with a driven front axle. Available in 4×4, 6×6, 8×6 or 10×6 configuration depending on how many axles you need to carry your load in tough conditions.

Automatic Traction Control

Thanks to the Automatic Traction Control, the driven front axle engages automatically if the rear wheels should start to lose traction. This reduces fuel consumption and wear on components, and it makes the truck easier to drive.

One pedal drive

Controlling both engine torque and wheel brakes with just one pedal gives you even better control when driving in poor conditions. The I-Shift enables both the Terrain Brake and Change Direction functions.

Terrain Brake

This one pedal drive function lets you drive at low speed in tough terrain and very precisely control both engine torque and braking power using only the accelerator. For example, you can stop your truck with a wheel on top of an obstacle without slipping off.

Change Direction

Drive forward, put I-Shift in reverse and the truck automatically brakes to standstill and then starts reversing without touching the brake pedal. Of course it works the other way around too.

Active Grip Control

Maximum traction and startability performance in all conditions is made possible by quickly adjusting the engine torque to reduce wheel spin.





Protecting others. For your safety.

Safety is at our very core – and the driving force behind the constant improvements we are making to our trucks and services. When designing driver support systems, we aim to comply with regulations with a broad margin – and design systems that are convenient to use and really help the driver.

Lane Keeping Assist

Enjoy the support of keeping your truck in the lane. Lane Keeping Assist uses the front camera to continuously detect lane markings and provides a gentle steering support towards the centre of the lane in case the truck should be on its way to unintentionally cross the line.

Adaptive Cruise Control

In heavy traffic, the radar-based system helps you keep a distance from the vehicle in front of you. The Adaptive Cruise Control can be activated at speeds above 4 km/h and once activated, it works all the way down to standstill. This makes the Adaptive Cruise Control a perfect tool even when the traffic runs slow.

Downhill cruise control

Are your routes hilly? The downhill cruise control engages the auxiliary brakes, like the engine brake and retarder, to keep the speed you've set on your cruise control.

Distance Alert

When driving at speeds over 60 km/h and not using the Adaptive Cruise Control, the Distance Alert is activated. As you approach another vehicle in front, a visual alert is displayed on the wind-screen, giving you a chance to slow down and maintain a distance.

Side Collision Avoidance Support

This system uses radars to detect vulnerable road users and other objects on the sides of your truck. The General Safety Regulation demands covering the passenger side – but Volvo Trucks' system covers both sides of your truck.

Electronic Stability Control

Volvo's Electronic Stability Control efficiently reduces the risk of skidding and rollovers. When the system detects a critical situation, it instantly kicks in, reducing engine power and applying brakes to each wheel of the truck and trailer individually.

Passenger corner camera

Uncover hidden angles and improve visibility. Positioned at the foot of the passenger side mirror, this camera is automatically triggered by the turning indicator and projected onto the driver's side display screen. Perfect in streets, highways and construction sites.

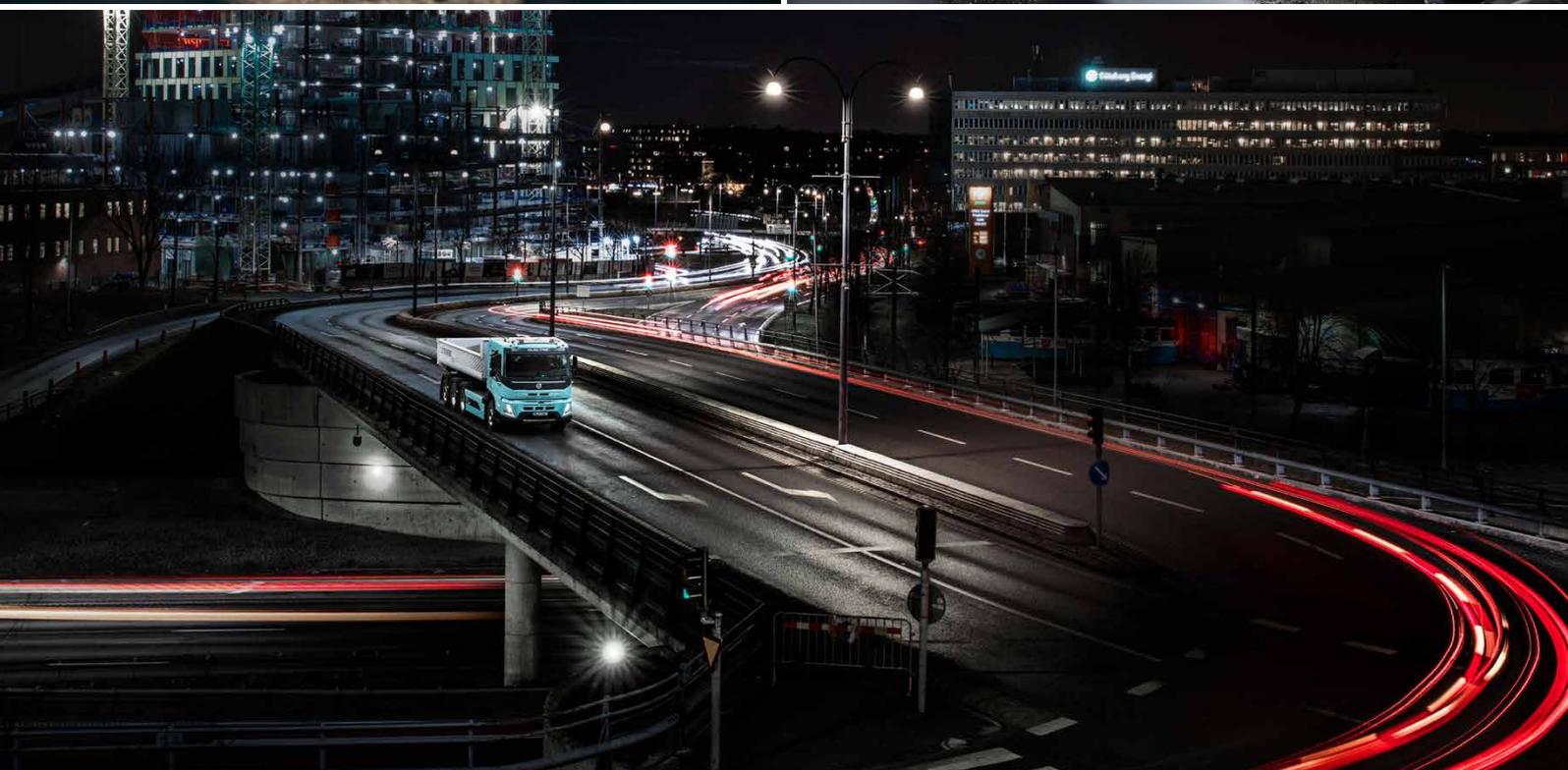
A high-angle photograph of a quarry. The scene is dominated by massive, rectangular blocks of light-colored stone, possibly granite or marble, stacked in neat rows. A yellow truck with a flatbed trailer is driving on a dirt road that winds through the quarry. The background shows a steep, rocky hillside with patches of green vegetation. The sky is overcast with grey clouds. The text "FLEXIBLE AND POWERFUL" is overlaid in white, bold, sans-serif font in the center of the image.

FLEXIBLE AND POWERFUL



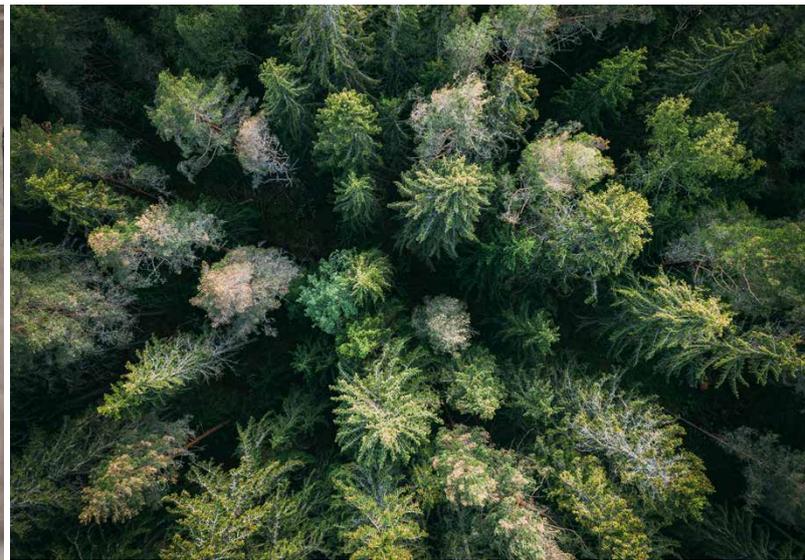
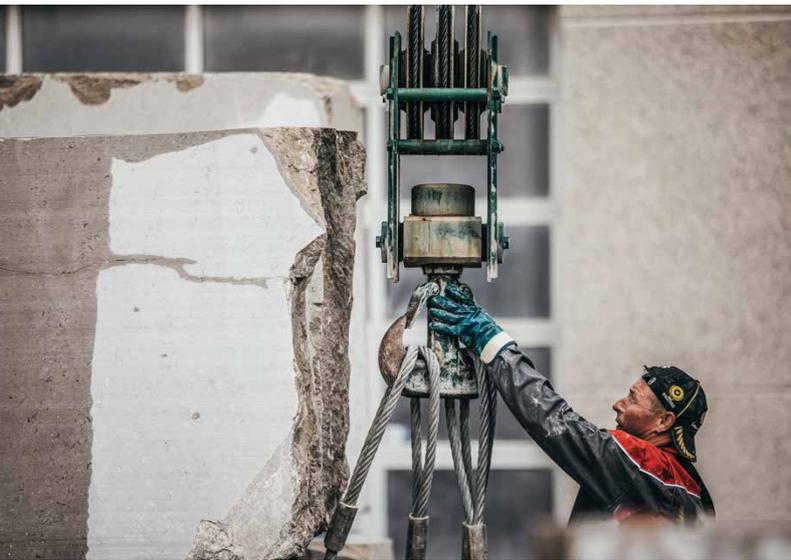
Get your boots dirty.

The Volvo FMX is as tough as it looks, and we can tailor it for a wide range of transport tasks that include challenges beyond the ordinary.



Demanding construction transports aside, our customers use the Volvo FMX for everything from bringing ore out of mines and timber out of forests, to agriculture transports. And we can

tailor it as a specialised tool for service and utility transports. So if you're in for some tough assignments, there's a Volvo FMX to match.





Supporting CO₂ targets.



Versatile and reliable trucks.



Support for your business.



Charging setup.



Volvo financing designed for your needs.



Range tailored for your transport.



High driver performance.



Secured deliveries.



Predictable total cost of ownership.



Service and maintenance.



Remote monitoring of your fleet.



Optimised route planning.

One point of contact. One complete package.

When you're building a solid and efficient transport operation, you need to cover a lot of bases. We take all of them into account when building your transport solution. Without exception.

We've considered every aspect of what it takes to run a transport operation, here are just a few examples of services that will make your life easier and improve your operation.

The **Volvo Gold Service Contract** includes preventative maintenance and repairs and covers the complete truck to minimise the risk of any unplanned stops.

The **Dynafleet** services take care of everything from route planning and energy use – to driver times, positioning and asset management.

With the **My Truck** app, you have remote access to your Volvo FMX.

Looking to buy, lease, rent or insure your transport solution? Through **Volvo Financial Services**, we provide tailored services in a one-stop shop fashion.

Driver Development helps your drivers utilise the full potential of your trucks. Learn more about our service offer at volvotrucks.com.



A photograph of a dark, layered rock formation, possibly a quarry or a natural rock face. The rock is dark grey to black, with distinct horizontal and vertical layers. The texture is rough and jagged. In the foreground, there is a shallow pool of water that reflects the rock face. The water is dark and still, creating a clear reflection of the rock layers. The overall scene is dark and moody, with a focus on the rugged texture of the rock.

TOUGH ON THE OUTSIDE

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 volvotrucks.com or at your Volvo Trucks Dealer.

Cabs



Low day cab



Day cab



Low sleeper cab



Sleeper cab



Globetrotter cab



Crew cab



Engines

ELECTRIC	Max power	Max torque
Volvo FMX Electric (490 kW)	490 kW (666 hp) continuous power	N.A.

DIESEL	Max power	Max torque
D11K330 (245 kW)	330 hp at 1700 r/min	1600 Nm at 877–1400 r/min
D11K380 (280 kW)	380 hp at 1700 r/min	1800 Nm at 938–1400 r/min
D11K430 (317 kW)	430 hp at 1700 r/min	2050 Nm at 1008–1400 r/min
D11K460 (339 kW)	460 hp at 1700 r/min	2200 Nm at 1050–1400 r/min
D13K420 (309 kW)	420 hp at 1404–1700 r/min	2100 Nm at 905–1400 r/min
D13K460 (345 kW)	460 hp at 1404–1700 r/min	2300 Nm at 945–1400 r/min
D13K500 (368 kW)	500 hp at 1404–1700 r/min	2500 Nm at 980–1400 r/min
D13K540 (397 kW)	540 hp at 1458–1700 r/min	2600 Nm at 1000–1400 r/min

Gearboxes

I-SHIFT

12-speed splitter and range gearbox with automated gearchanging system. The version with dual clutch (SPO2812) enables rapid, seamless and comfortable powershifting. The version with crawler gears enables slow driving with full control of power.

Type	Top gear	Engine torque (Nm)	GCW approval (tonnes)
AT2412G	Direct	2400	44
AT2612G	Direct	2600	100
ATO2612G	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

 4×2	 4×4	 6×2 pusher axle	 6×2 tag axle	 6×4	 6×6	 8×4 pusher axle
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Rigid axle configurations

 4×2	 4×4	 6×2 tag axle	 6×4	 6×6	 8×2 dual front axles	 8×2 tridem
 8×4 dual front axles	 8×4 tridem pusher axle	 8×4 tridem tag axle	 8×6 dual front axles	 10×4 dual front axles, tag axle	 10×6 dual front axles, tag axle	

● = Drive axle.

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



Flashing LED warning light



Additional footstep – entry

ACCESSORIES

Your truck. Your way.

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

Everything from a crash tested coffee maker to anti fuel theft devices and I-Shift software upgrades are available through our dealer network. Contact your Volvo Trucks dealer to have it your way.



Document storage on engine tunnel



Rubber mats on floor

7 reasons to choose the Volvo FMX.

Powerful and robust, yet sophisticated and flexible. On or off the road. The Volvo FMX can be tailored for a wide range of challenges that others can't handle. Regardless, here's our top 7 list of why you should consider the Volvo FMX.

- 1** The robust exterior.
- 2** Functions for extreme mobility in poor conditions.
- 3** The comfortable and accessible cabs.
- 4** A wide range of powertrain options.
- 5** The flexible chassis concept.
- 6** The level of active and passive safety built in.
- 7** Support and ease of driving with Volvo Dynamic Steering.



It runs in the family.

The evolution continues across our range of trucks.
Find out more at your local dealer or at [volvotrucks.com](https://www.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 an unparalleled level of comfort on the road.

Cabs: Five sizes.
Energy alternatives: Diesel, Biodiesel, HVO.



VOLVO FH A custom-made truck that improves your business through excellent uptime and optimised fuel economy. Outstanding driving environment and comfort for drivers who spend their lives on the road.

Cabs: Five sizes.
Energy alternatives: Electric, LNG, Diesel, Biodiesel, HVO.



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

Cabs: Six sizes.
Energy alternatives: Electric, LNG, Diesel, Biodiesel, HVO.



VOLVO FMX A robust and smart truck that ensures the highest level of uptime and productivity even in the most challenging environments. Offers comfortable driving and great visibility.

Cabs: Six sizes.
Energy alternatives: Electric, Diesel, Biodiesel, HVO.



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

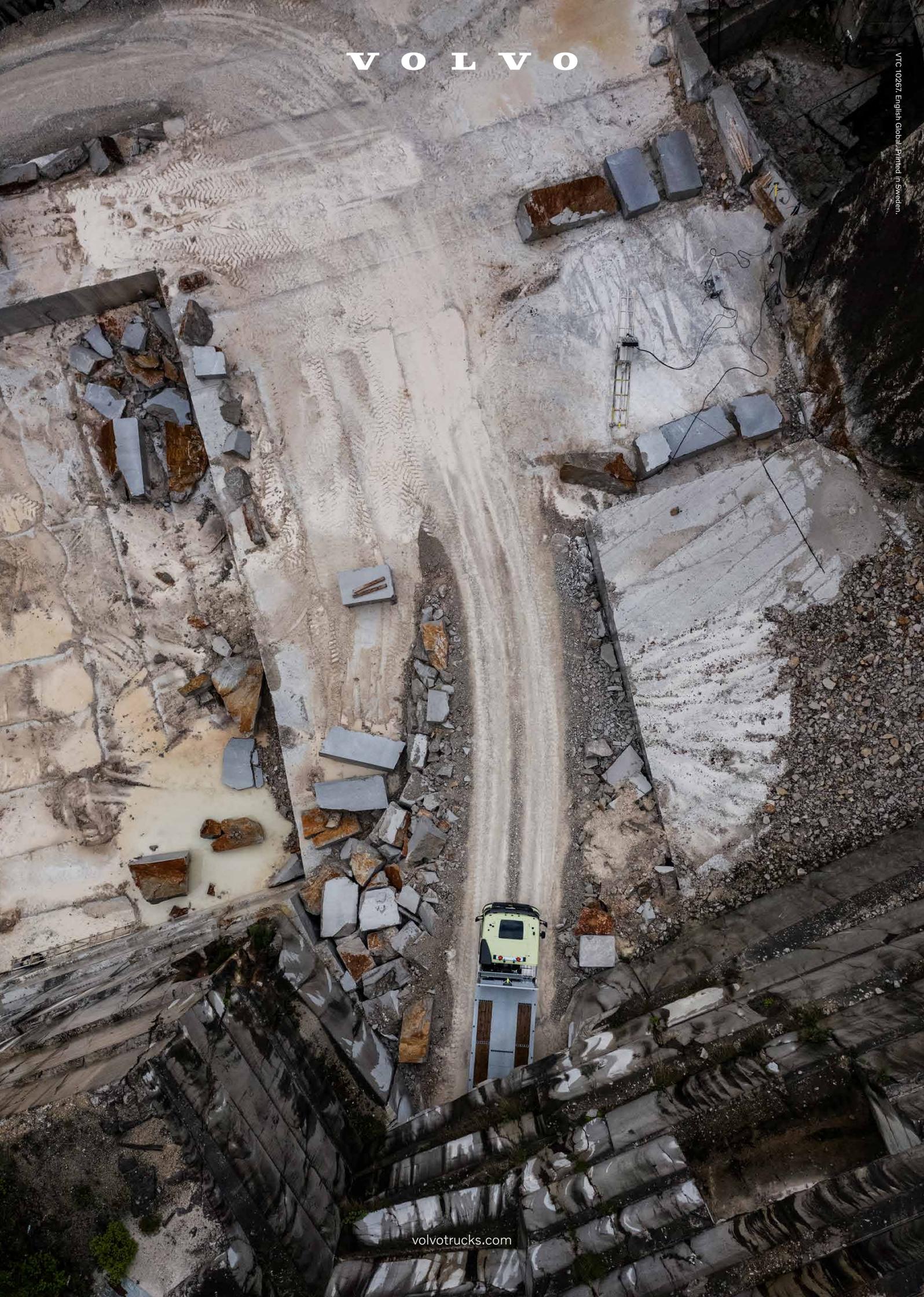
Cabs: Four sizes.
Fuel alternatives: Electric, CNG, Diesel, Biodiesel, HVO.



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.

Cabs: Three sizes.
Energy alternatives: Electric, Diesel, Biodiesel, HVO.

V O L V O



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