

V O L V O



# VOLVO FM CREW CAB

FIRE AND RESCUE

Volvo Trucks. Driving Progress



VOLVO FM CREW CAB

# Safety through innovation.

With world-class safety levels, leading cabin ergonomics and state of the art technology throughout, the New Volvo Crew Cab is designed with the operational firefighter in mind.

Developed based on real world feedback from firefighters, and with a human centric approach, Volvo trucks offer new standards in performance, ergonomics and driver safety. Plus, they are designed according to the requirements of EN1846:3 firefighting and rescue service vehicles.

Volvo Trucks are proud that our products help to improve the safety and wellbeing of emergency services personnel. We're also proud of the support we provide to our customers through the largest dealer network in Australia and New Zealand.

Volvo Trucks. When lives are on the line, safety comes first.

# Features.

## **Evolutionary driver interface.**

- Fully digital and dynamic instrument displays.
- Access to the right information in all possible situations.
- Integrate the specific needs of your operations with your truck.
- Flexible operational logic - makes it easier for you to keep your hands on the steering wheel and your eyes on the road when driving or responding.

## **Spacious cab that is fit for purpose.**

- Market leading interior space.
- Rear Crew area designed for operational efficiency.
- Easy to clean trim materials.

## **Excellent visibility.**

- Generous window areas and a low door line.
- Slim "A" pillar design minimises blind spots.
- New slimline mirror design.

## **Entry and exit optimised.**

- Failsafe crew cabin step design.
- Enhanced lighting for added operational safety.
- Ergonomic grab handle positioning and optimised cab step surface area.
- Optimised interior roof grab handles with integrated LED lighting (Red lighting for night-time operations)

## **Performance and handling.**

- Powerful engines D11 - D13 - 380>540hp.
- EURO VI.
- Fully Automatic Transmission.
- Axle configurations: 4x2, 4x4.
- PTO options.

## **Bodybuilder packaging.**

- Bodybuilder friendly Crew cab designed to offer an easy to build on platform.
- Reduce second stage manufacture lead times.
- A truly fit for purpose crew cab chassis built on feedback from bodybuilders

## **Features.**

- No chassis components behind cab rear wall, outside frame.
- Cable harness preparation from factory for rear crew cab.
- Bodybuilder tubes – Routing from BBM under dashboard to Rear part of Crew cab.
- Factory markings on covers to indicate fixing points for seats etc.

## **New Volvo Iron Mark.**

- For an iconic look.

## **Improved aerodynamics.**

- Rounder shapes to save fuel and reduce cabin noise.

## **Passenger corner camera.**

- Covers areas close to the truck.

## **Crew cab air conditioning.**





FM

# Certification and safety.

## **Cab certification**

All Volvo cabs meet the ECE R29.03 Cab Safety Standard. For the ultimate protection, Volvo cabs feature an injury-preventive design using energy Absorbing materials.

Key cab safety features:

- Certified ECE R29.03 Occupant Protection in cabs of commercial vehicles i.e. Cab safety
- Fulfils EN1846:3 firefighting and rescue service vehicles
- Certified Rear Crew Seat Configurations acc. to ECE R14
- Bostrom SCBA seats
- Volvo Bench or seats

## **Driver support systems.**

### **Volvo Dynamic Steering**

Volvo Dynamic Steering (VDS) is an active steering system that produces a torque overlay of up to 25 Nm. The steering is progressive and gives more power to the steering when needed. This means improved directional stability when responding plus a reduction of driver wear and tear injuries thanks to lower maneuvering forces on scene (Light steering at low vehicle speeds).

Not available with 4x4.

### **Optimised emergency services**

#### **ESP/ESC settings**

Volvo understands that emergency vehicles operate under challenging road conditions and with dynamic payloads. Settings are therefore optimised to ensure performance is maintained without compromising safety.

### **Headway support system**

Headway support systems support the driver in keeping a safe distance from the vehicle ahead, and they alert the driver of a potential collision. The collision warning consists of a red LED light reflected onto the windscreen and an acoustic signal from the speaker.

### **Lane change support**

The lane changing support radar system monitors the blind spot area on the passenger's side and alerts the driver during lane changes if there is any risk of a side collision.

# Mission focused ergonomics.

The fit for purpose cab offers an exceptional level of comfort. This includes an ideal driving position, anatomically designed seats, low noise levels, high-capacity climate control system and a world-class safety level.

## **Failsafe cab entry step design.**

Deployable step doesn't block the lower foothold when in the up position - mitigating fall risk.

## **Revolutionary digital instrument display.**

A fully dynamic display that presents information based on the driving situation. That means you get the right information at the right time.

## **Nine-inch side display.**

Control media, cameras and truck functions.

## **Improved gear lever design.**

Integrated and with improved ergonomics.

## **More storage space.**

## **Adjustable steering wheel with neck tilt.**

Find the perfect driving position.

## **Steering wheel controls.**

That can be adapted/modified for body functions.

## **Low door line.**

Improves driver and crew visibility.

## **Performance seating.**

Easy to decontaminate, durable and comfortable.





# Firefighter wellbeing.

Firefighter wellbeing is paramount. That's why the Volvo Trucks crew cab has been designed in consultation with industry partners to create the optimal environment for you and your crew.

In the cabin, Volvo has reduced exposure to potentially harmful airborne contaminants by using materials that minimise gas emissions from the interior fittings and reduce the risk of contact allergies.

Enhanced ergonomics and a spacious, well-lit cabin ensure crew arrive on the scene focused on the task at hand. Anti-slip illuminated steps with optional fold down lower step and its corresponding power grip safety orange grab handles are clearly marked and carefully designed to facilitate safe access and egress when arriving at the scene of an emergency.

**Easy to clean.**

Durable surfaces that are easy to clean.

**Safer access and egress.**

Improved step design, larger diameter grab rails.

**Enhanced interior lighting package.**

Integrated White lights with Red Map light.

**Low door line.**

Improves driver and crew visibility.

# Service and Support.

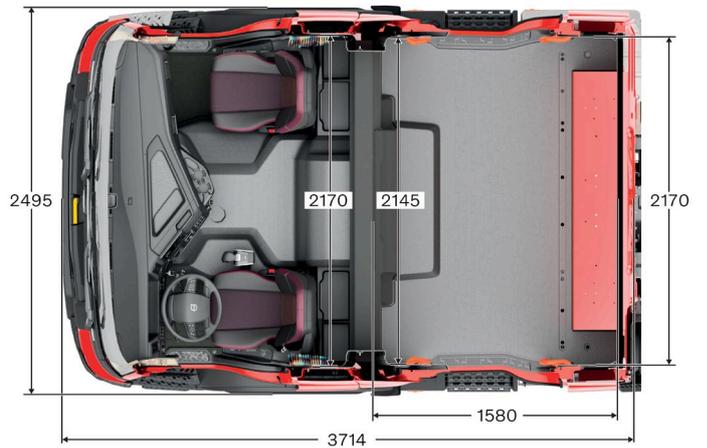
When you purchase a Volvo Truck, you are not just completing a transaction, you become part of the Volvo family. With Australia and New Zealand's largest dealer network, Volvo Trucks is committed to supporting you anytime, anywhere.

We genuinely understand the needs of our partners in the emergency services, and we know what it takes to succeed. We're committed to providing the very best in safety, quality and reliability for the life of your vehicle, plus comprehensive support when you need it most.

Volvo telematics and onboard vehicle diagnostics systems work intelligently, offering complete fleet visibility, real time performance snapshots and asset health monitoring. Preventative maintenance planning and scheduled servicing is provided using the latest in connected systems.

And for complete peace of mind, your Volvo FM or FMX crew cab can be paired with a Gold Service Contract, guaranteeing maximum uptime.

# Crew cab specifications.





# Powertrain Euro VI

## Engines Euro VI

11 LITRE	Max power	Max torque
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 1404–1700 r/min	2100 Nm at 905–1400 r/min
D13K460 (338 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 (397kW) Available on FMX	540 hp at 1460–1800 r/min	2600 Nm at 1000–1460 r/min

## Gearboxes Euro VI

### 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

### 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)
AT2612F	Direct	2600	100

*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.*

Learn more and build your new truck at

[www.volvotrucks.com.au/en-au/trucks/information/emergency-services](http://www.volvotrucks.com.au/en-au/trucks/information/emergency-services)

VOLVO



FM

V O L V O

[volvotrucks.com.au](http://volvotrucks.com.au)