



# Volvo FH Aero (2025 MY) 4x2 Tractor Unit



SAFE DRIVING



80%

CRASH AVOIDANCE



89%

POST CRASH SAFETY



80%



## Volvo FH Aero (2025 MY)

4x2 Tractor Unit

## SPECIFICATIONS

TESTED MODEL	4x2 Tractor Unit
ENGINE	Diesel 500 hp kW
CHASSIS	Medium Height (931 mm)   Wheelbase (3800 mm)
TRAILER USED FOR TESTING	3 Axle Curtainsider
TEST WEIGHT	28,430 kg
RATING ONLY VALID WHEN FITTED WITH	Intelligent Speed Assist – Forward Collision Warning with Emergency Brake – Side Collision Avoidance Support – Volvo Dynamic Steering
APPLICABLE VARIANTS	4x2 Tractor Unit Available as EV

## VERDICT



The Volvo FH is an excellent safe choice for a vehicle in the Fleet sector. The direct vision is good, helped by the availability of a camera monitoring system and its aero inclined front. Combined with very good assistance systems, some of which are optional, this produces a very good Safe Driving score. It achieves a very good score in collision avoidance, with every system Euro NCAP access being available including automated braking to protect cyclists where trucks turn across their path. As a Highway truck its good direct vision combined with very good AEB for vulnerable road users also earns the Volvo FH our CitySafe award alongside its 5 stars. It is an excellent choice for long haul operations that require occasional city deliveries, provided all the options are selected.

## SAFETY PERFORMANCE







 SAFE DRIVING

80%



**OCCUPANT MONITORING** **25.0 / 25 PTS**

Seat Belt Usage		15.0 / 15 PTS
Driver Monitoring		10.0 / 10 PTS

**VISION** **30.7 / 50 PTS**

Direct Vision	Volume: 10.9 m <sup>3</sup>		21.2 / 35 PTS
Indirect Vision			9.5 / 15 PTS
Class II mirror			
Class IV mirror			
Class V mirror			
Class VI mirror	—		
Innovation			

**VEHICLE ASSISTANCE** **24.3 / 25 PTS**

Speed Assistance		14.4 / 15 PTS
Adaptive Cruise Control		9.9 / 10 PTS

GOOD
  ADEQUATE
  MARGINAL
  WEAK
  POOR
  FITTED
  NOT AVAILABLE

**COMMENTS**






The Volvo FH has a very good Safe Driving performance. It is a tall truck which limits vision but this is mitigated by good window design, the optional use of camera monitor systems to replace conventional class II/IV mirrors and the aerodynamic shaping at the front of the cab, taking advantage of the ‘elongated cab’ concept now embedded in European Regulations, allowing extra length to be used for safety and environmental benefit. This ensures pedestrians stand further away from the drivers eye point than they otherwise would. An optional class V camera monitor system is available, which brings up a view of the nearside blind spot on a secondary monitor, whenever the direction indicators are activated. This improves the vision at the front corner but duplicating the conventional mirror risks an increase in driver workload. Seat belt reminders are fitted to all seats, encouraging belt use. The attention assist system exceeds minimum legal requirements without excessive false alerts. A close following distance warning is available and the use of the ACC reduces the risk of front into rear collisions.

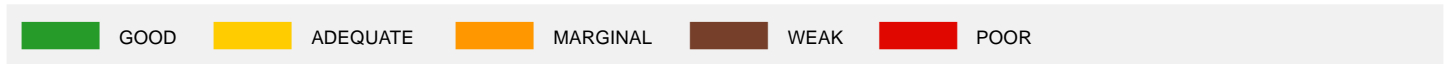
## SAFETY PERFORMANCE



CRASH AVOIDANCE

89%

FRONTAL COLLISIONS		56.3 / 60 PTS
Car		34.7 / 35 PTS
Pedestrian & Cyclist		21.6 / 25 PTS
LANE DEPARTURE COLLISIONS		23.4 / 25 PTS
Lane Departure		13.4 / 15 PTS
Car		10.0 / 10 PTS
LOW SPEED MANOEUVRING COLLISIONS		9.0 / 15 PTS
Turn Across the Path of a Cyclist		9.0 / 15 PTS



**COMMENTS**

The Volvo FH is equipped with class leading collision avoidance technology. It is equipped with an AEB system that avoids front to rear collisions with vehicles ahead in nearly every circumstance that Euro NCAP assess. It is also very good at avoiding frontal collisions with pedestrians and cyclists. Volvo has also become the second brand to offer a system that automatically brakes to protect cyclists if the truck turns to the nearside, across their path. A potential game changer in a very emotive and high profile crash type. An optional lane support system is available, which performs exceptionally well, fulfilling nearly all of Euro NCAP's requirements.

## SAFETY PERFORMANCE

### POST CRASH SAFETY

80%

RESCUE INFORMATION			80.0 / 90 PTS
Rescue Sheet & Guide	 Rescue Sheet		80.0 / 80 PTS
External Labelling			0.0 / 10 PTS
POST CRASH INTERVENTION			0.0 / 5 PTS
Advanced e-Call			0.0 / 5 PTS
VEHICLE EXTRICATION			0.0 / 5 PTS
Occupant Extrication			0.0 / 5 PTS



## FITMENT OF SAFETY FEATURES

### SAFE DRIVING

Seat Belt Reminder Driver	●
Seat Belt Reminder Passenger	●
Seat Belt Reminder Centre Passenger	—
Attention Assist Direct Monitoring	✘
Attention Assist Indirect Monitoring	●
e-Mirrors Class II & Class IV	○
Speed Assistance	●
Adaptive Cruise Control	●
Lower Door Window	✘

### CRASH AVOIDANCE

AEB	●
Pedestrian & Cyclist AEB	●
Lane Keep Assist	○
Cyclist Nearside Turn	○
Emergency Lane Keeping	○

### POST CRASH SAFETY

Rescue Sheet & Guide	●
External Labelling	✘
Advanced e-Call	✘
Occupant Extrication	✘

●	STANDARD FITMENT	○	OPTIONAL FITMENT	✘	NOT AVAILABLE	—	NOT APPLICABLE
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