



SCANIA



SCANIA SAFETY

# SAFETY TAILORED FOR TOUGHNESS

Operating in the harshest environments, your vehicle must always deliver uncompromising safety – to protect your people and keep your operations going for longer. And where the safety in even the smallest component, contributes to continued and uninterrupted success on a big scale.

Scania’s Heavy Tipper and XT range is designed to meet the highest safety standards, ensuring the well-being of both operators and the environment. Safety is a top priority at Scania, and this commitment is reflected in every aspect of our vehicles, services and products.

At Scania, safety is always a top priority – we deliver full compliance with the mining industry’s toughest on-road and off-road safety standards: All Scania cabs comply with European legislation ECE R29 and the demanding Swedish cab strength test VVFS 2003:29. Every component and feature is designed to enhance driver ergonomics and intuitive handling, and to provide built-in safety for demanding operations.

And that’s why our products are tailored for toughness.

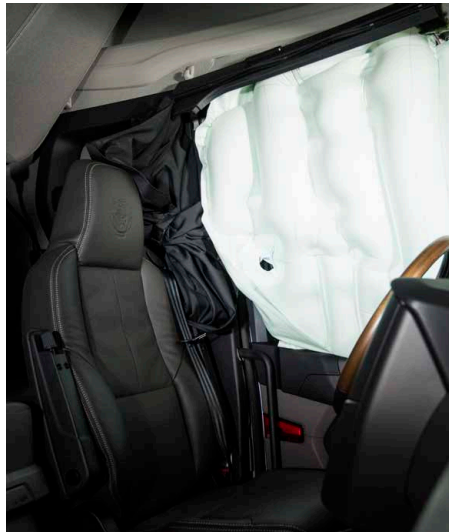
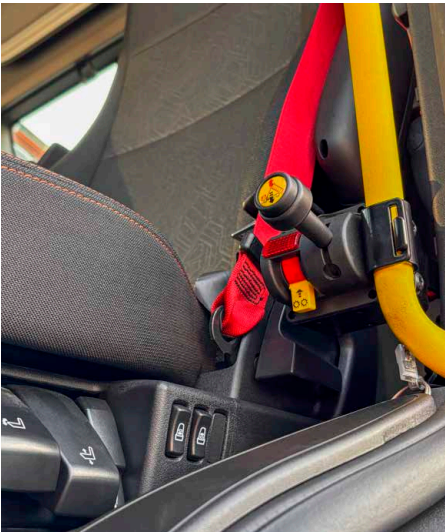
Benefits

- Optimised work environment for long shifts.
- Minimising risks in hazardous environments.
- Enhanced control for heavy loads and rough terrain.
- Maximising awareness and attention.





# SAFE IN DEMANDING CONDITIONS



## Driver comfort and ergonomics

**Ergonomics**  
Scania's cabs are designed for comfort and efficiency in demanding conditions, ensuring comfort and safety for all drivers. Key features include adjustable driver's seat and steering wheels, improved visibility, and easy access to controls. Scania's modular

system allows for tailor-made solutions, ensuring that each cab meets the specific needs of its driver.

**Accessible safety features**  
Our red seat belts are designed to enhance visibility and to act as a reminder to buckle up. Scania Heavy Tipper is also equipped with yellow footsteps and grab rails, to provide high visibility and ensure easy and safe entering and exiting of the vehicle.

**Side curtain airbag**  
Scania's side curtain airbag is targeting one of the most serious types of accidents: rollover incidents, and provides additional protection when deployed.



## Structural safety and accident protection



**Roll over protection structure (ROPS)**  
A safety feature designed to protect drivers in the event of a rollover accident. It consists of structural components that reduces the risk of a restrained driver being crushed if the vehicle overturns.



**Falling object protection structure (FOPS)**  
A safety feature designed to protect operators from falling objects. Scania offers certified solutions that can be mounted on the frame or integrated into the body.



**Tipping Safety**  
Scania offers an add-on system that helps the driver to identify tipping risks when unloading the vehicle on uneven ground.



## Braking systems

**Auxiliary exhaust braking system**  
The new generation tippers are equipped with an improved and safer auxiliary exhaust braking system which helps the driver to better control the vehicle, especially beneficial on steep descents.

**Enhanced brake components**  
The 6x4, 8x4 and 10x4 truck configurations include new front and rear axles, stronger gearbox, and increased brake performance. This ensures improved safety when handling heavy loads in extreme working conditions.

## Visibility and monitoring

Scania offers tailored solutions for mining vehicles, to ensure maximised awareness and control in tough environments. Integrating advanced camera systems and mirrors, such as the Scania 360 Digital Area View, with all-round vision with blind spot and split-screen monitoring, ensures safer manoeuvring in challenging conditions.

## Safety enhancing services

**Scania Zone**  
Scania Zone is an optional add-on in Scania's Fleet Management suite that allows customers to link a policy, such as maximum speed, to a predefined geo-fence zone. When a vehicle enters this zone, it automatically complies with the rule. In mining applications, Scania Zone can be particularly beneficial. By setting specific operational parameters within mining zones, it ensures that vehicles adhere to safety and operational guidelines, enhancing both safety and efficiency.

**Driver Training**  
Scania's driver training for mining applications is designed to enhance the skills of both new and experienced drivers, ensuring they can operate vehicles safely and efficiently in challenging mining environments. The training focuses on key aspects such as fuel efficiency, road safety and sustainability, which are crucial for mining operations. By leveraging advanced coaching and training methodologies, Scania aims to reduce downtime and operating costs while improving overall driving performance.