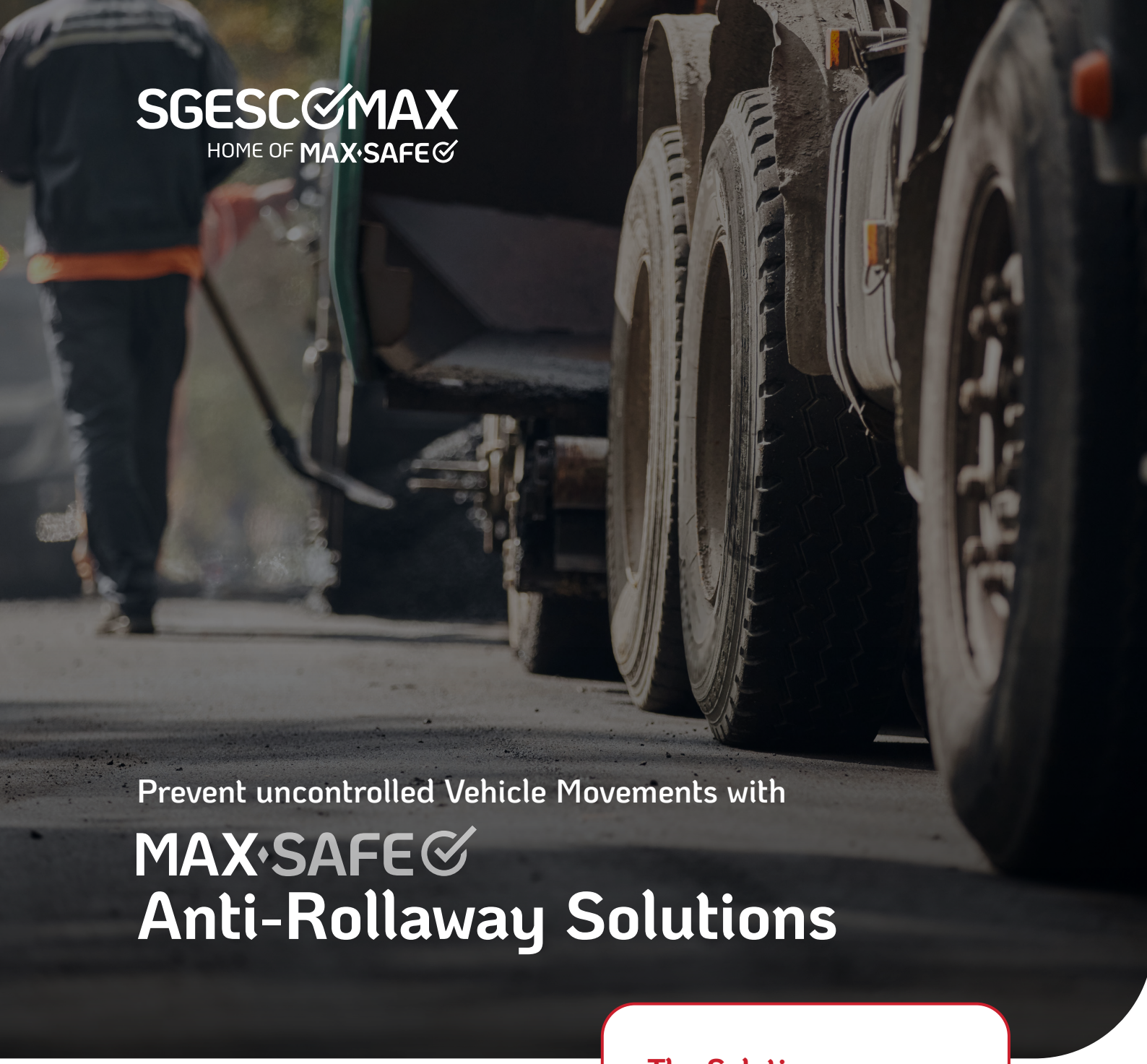


SGESCOMAX
HOME OF MAX·SAFE

Prevent uncontrolled Vehicle Movements with

MAX·SAFE Anti-Rollaway Solutions

The Danger

Heavy vehicle rollaways are a significant safety and business risk.

They happen when a driver exits a vehicle without properly applying the park brake.

Because of time pressures, distraction, tiredness, or unexpected factors this happens all too frequently.

Rollaway vehicles:

- Kill or injure drivers, work colleagues, and VRUs
- Cause extensive vehicle and property damage
- Result in major delays and investigations
- Incur costly repairs, legal liabilities and insurance premiums
- Damage a company's reputation and business earnings

The Solution

MAX-SAFE Anti-Rollaway Brake System™ addresses this critical safety concern by ensuring vehicles remain stationary when parked, providing peace of mind and enhancing overall safety. This system is designed to mitigate risks, protect assets, and safeguard lives, making it an essential addition to any vehicle fleet.

This solution:

- Activates if driver leaves cab without applying park brake
- Actively applies park brake to prevent rollaways (forwards or backwards)
- Enables active braking to prevent other risks

Benefits

- Continuous monitoring of multiple conditions
- Automatically brakes vehicle when rollaway or idle creep risk detected
- Visual and audible alerts to warn of danger*
- Safety of personnel around vehicle and on EWPs
- Protects vehicles, equipment and property
- Insurance against driver oversight / human error
- Easy to install and operate
- Intelligent logic, system integrity and reliability
- Australian NHVR and USA FMSVSS121 compliant solution
- Can be the active brake for other VRU risk solutions

In our experience you pay for what you get and it's a really good system. You want maximum safety? This is it. Holistically, when you see the kits, the installation and how it works in action, no driver intervention, nothing for them to remember, safety of the vehicle and safety of people, it's well worth it."

Wayne Muiznieks
Connetics

How it works

The **MAX-SAFE Anti-Rollaway Brake System™** is designed with simplicity and efficiency in mind, providing a robust solution to a common problem. The solution provides early pre-warnings of potential danger to the driver and any people near the vehicle.

1

Monitor

A state-of-the-art microprocessor continuously monitors multiple inputs to determine the possibility of the vehicle rolling away. Inputs include the position of the park brake lever, state of the driver's door & seat, and vehicle speed.

2

Warn

The system includes visual, audible, and external warnings to alert the driver and people nearby of potential danger. An initial warning is given if the door is opened, with the system sounding an external tonal alarm and internal buzzer, either screen messages or flashing LEDs[1].

3

Act

If the driver leaves the cabin without fully applying the park brake, the system activates immediately to prevent the vehicle from rolling away, creating a safe environment and activating warnings in the process. This all happens within milliseconds.

4

Diagnose

The solution has in-built self-diagnostics, constantly checking multiple parameters to ensure the system's integrity and alerting if any faults are detected.

[1]Depending on model of system installed.

Highlighting the Issue: Rollaway Incident Statistics

To underscore the critical need for advanced anti-rollaway solutions, here are some key statics on heavy vehicle rollaway incidents in Australia alone:

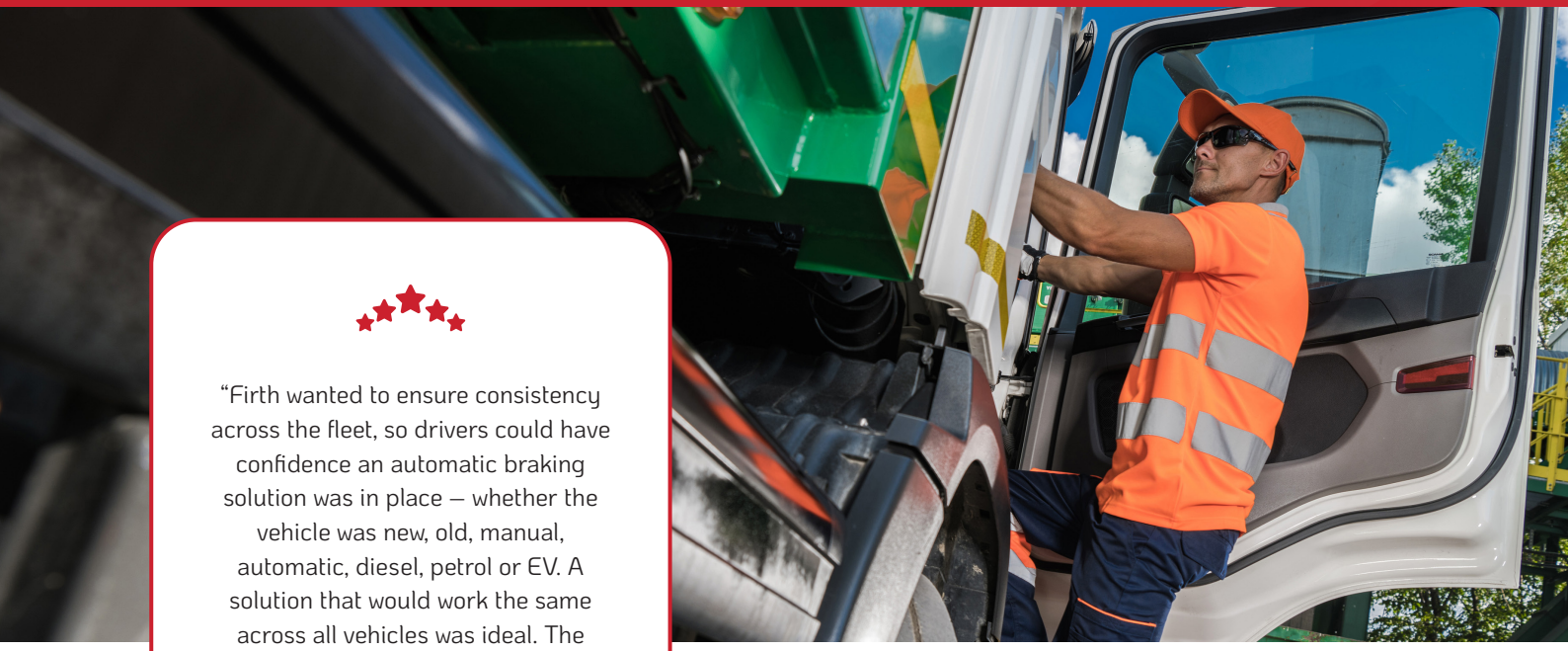
Over the 10-year period from 2003 to 2012, incidents that occurred while loading or unloading a vehicle accounted for **15% of truck-related fatalities (120 out of 787 deaths)** in Australia.

Of those 120 fatalities during loading/unloading, **44 deaths (37%) were caused by the vehicle moving unintentionally**, such as the truck driver being hit by their own vehicle, or a pedestrian being struck by the truck.

The failure to apply truck parking brakes properly is cited as a **major cause of these rollaway incidents** leading to injuries and fatalities.

In 2021, SafeWork Australia identified **"ensuring vehicles are braked appropriately"** as one of their **top 7 recommendations for reducing heavy vehicle fatalities** related to rollaways.

These statistics highlight that rollaway incidents account for a significant portion of the fatalities that occur during loading/unloading activities with heavy vehicles.



"Firth wanted to ensure consistency across the fleet, so drivers could have confidence an automatic braking solution was in place – whether the vehicle was new, old, manual, automatic, diesel, petrol or EV. A solution that would work the same across all vehicles was ideal. The MAX-SAFE Anti-Rollaway solution, while not the cheapest solution on the market, is the best."

André Van Pletzen
Fletcher Building Concrete Division

Proven Solution

The **MAX-SAFE Anti-Rollaway Brake System™** is a proven solution, launched in 2000 and used today on over 25,000 heavy vehicles across Australia and New Zealand to prevent vehicle rollaways. It works on both mechanical and pneumatic brake systems.

"We have found SGESCO-MAX products to be an innovative solution for our fleet vehicles and effective in achieving zero incidents in trucks reversing or accidentally rolling away."

Tony Rawson
Suez Recycling & Recovery, ANZ

"We wanted a solution to make crane-lifting procedures safer. Having a good safety braking system would enhance safety. If you want a good anti-rollaway system for all round safety, this is it."

Wayne Muiznieks
Connetics

+61 7 3715 3715

info@sgesco.com.au

www.sgesco.com.au

17 Rodwell St, Archerfield Q 4108
PO Box 998, Archerfield Q 4108

Monday to Friday, 7.30am to 4.30pm

MAX-SAFE Support Assistance

Follow us on LinkedIn

WATCH ME

LEARN MORE

Scan the barcode to watch the videos on our website.

MAX-SAFE ANTI-ROLLAWAY BRAKE SOLUTIONS

PREVENTING PERSONAL INJURY & PROPERTY DAMAGE

SGESCO MAX
HOME OF MAX-SAFE

The following are registered trademarks of STARTER & GENERATOR EXCHANGE SERVICE PTY LTD ("SGESCO-MAX"):

- MAX-SAFE Maximum Safety®
- MAX-SAFE Reverse Watch®

The following are trademarks of STARTER & GENERATOR EXCHANGE SERVICE PTY LTD ("SGESCO-MAX"):

- MAX-SAFE Anti-Rollaway Brake System™
- MAX-SAFE Seatbelt Warning System™
- MAX-SAFE Protect 360AI™

This brochure is current as of October 2025.
Part No. MS MS022