

# ESC

## Electronic Stability Control

### Function of ESC

Electronic Stability Control (ESC) reduces the risk of losing control or rollover crashes. In trailers, it's known as Roll Stability Control, which stabilises the vehicle during instability.

### How ESC works

ESC uses sensors like wheel speed and accelerometers to detect roll risks. For trailers, it applies brakes to maintain stability. In trucks and prime movers, additional inputs like steering angle and engine data allow throttle reduction to prevent rollovers without braking.

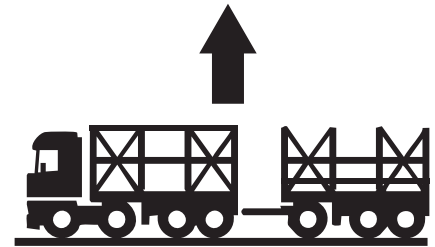
### Why should I want it?

- Save truck drivers' lives
- Reduce road wear to rear-view mirrors

### When it matters most:



On winding roads



When your Centre-of-Gravity is high



With moving loads



When the corner tightens unexpectedly



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