



HGV Autonomous Braking Safety System “Reverse Smart”

In the realm of health and safety, prioritising its significance has become a paramount concern for organizations, regardless of their scale or industry.

A pivotal addition to safety measures is our Radar Auto Braking.

The Doctor Airbrake **Reverse Smart** system represents an indispensable asset. It stands as a necessity across various sectors and industries, proving highly suitable for any business operating heavy goods vehicles (HGVs). Whether it's road sweepers, refuse vehicles, tarmac rollers, plant vehicles, or standard trucks and trailers, this system offers invaluable benefits.

At its core, the system integrates radar auto braking technology, fundamentally transforming safety outcomes. By detecting objects within its configurable danger zone, the system promptly alerts the driver with an audible warning, and should the driver fail to respond, the Reverse Smart Safety system, as a final protective measure, automatically applies the brakes bringing the vehicle to a halt for 3 seconds, safeguarding all those in the Danger area. This proactive action not only averts frequent repairs to rear light clusters, bumpers, and doors but also has life-saving capabilities.

Specifically, this auto braking feature ensures a reliable stoppage, surpassing the limitations of merely applying the park brake. This proves especially crucial in sectors where drivers contend with multiple responsibilities while reversing or manoeuvring, such as overseeing crew movement or ensuring pedestrian and road user safety.

Moreover, the system's adaptability extends to forward motion, activating below a predetermined and adjustable speed threshold. For instance, in scenarios like road sweeping, where drivers need to monitor the kerb line while being conscious of their surroundings, this feature proves immensely beneficial.

- **Collision Avoidance**
- **Improved Safety for Vulnerable Road Users**
- **Enhanced Driver Assistance**
- **Reduced Rear-end Collisions**
- **Minimized Repair Costs**
- **Preservation of Fleet Reputation**
- **Life saving capabilities**
- **Enhanced Operational Efficiency**
- **Positive Environmental Impact**
- **Compliance with Safety Regulations**
- **Insurance Premium Reduction**

Considering these merits, it is strongly advocated that certain industries, including waste management with bin lorries, road sweeping, road rolling, and tar spraying, make radar auto braking technology a mandatory inclusion in their vehicle fleets. Local authorities are urged to consider and prioritize this advancement for their vehicle fleets, ensuring a safer operational environment for all.

If you would like to contact us to discuss in more detail on any of the above, you can do so by phone on [01785 714447](tel:01785714447) or you can email sales@air-brake.com



Dr Air Brake & DAB FleetCare