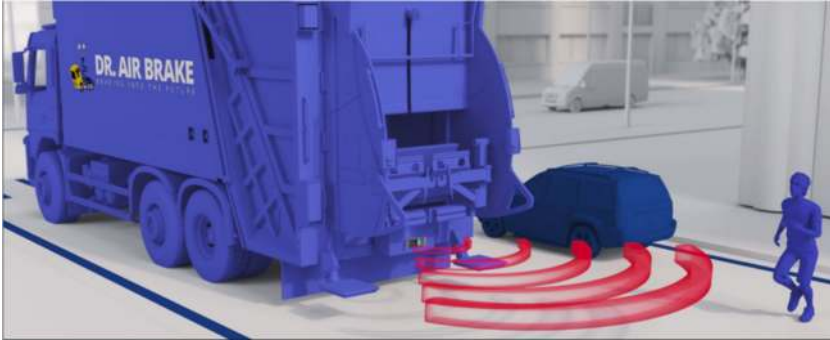


HGV Autonomous Braking System Why Risk It Stop IT !!



When it comes to health and safety, we all know that it's now one of the highest focus points that any organisation big or small must be aware of.

The **Doctor Air-Brake Reverse Smart** is one of those items that is a **Must Have**. There are certain sectors that this is highly suitable for but in general no business that runs HGV vehicles will not benefit from having one fitted. From Road Sweepers, Refuse vehicles, Tarmac Rollers, Plant

Vehicles to Just the normal truck and trailer, they all benefit. The system will save money on frequent repairs to rear light cluster, bumpers, doors etc as well and going one step further and **potentially saving lives!**

In layman's terms, this is an Autonomous Braking system, when it detects objects within its programmable danger zone, the system will warn the driver and when necessary, **STOP** the vehicle via its service brake without driver interaction. The vehicle is brought to a controlled stop successfully and is more reliable than just applying the park brake. Using the park brake for such instances can have detrimental effect on other systems including the gear box).

As mentioned above this really does suit certain industries where the driver is perhaps having to concentrate on many factors like his crew walking behind the vehicle while reversing and pedestrians and other road users etc. We can also fit the system to forward motion when the vehicle is below a certain and again programmable MPH/KPH, i.e., Road Sweeper where the driver must watch the kerb line whilst also being aware of what is in front of him.

Main benefits of this product are:

1. We pulse the Autobrake, so it's not a sudden jolt and more of a controlled stop. Drivers prefer this and it does not damage the drive train, so no warranty issues.
2. Because we write all software, we can tailor every installation to best suit vehicle application and customers wishes.
3. The product is VCA approved and we as a designer/manufacture are VCA audited to ensure conformity of production.
4. 30 years' experience in auto-braking on HGV's, with our TMA impact AIB mandated on every Truck mounted crash cushion vehicle in the UK & Ireland.
5. Our system uses a specially designed 77Ghz radar to optimise performance especially onsite operations.

Look at this video https://youtu.be/4UW_8ahgTHE

We strongly believe that this should be mandatory on vehicles like Bin Lorries, Road Sweepers, Road Rollers, Tar Sprayer etc. All local authorities should consider this now for their fleets.

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 or you can email sales@air-brake.com

