



# What **3** things prove that our system is the safest in Europe?

## 1 Crash Test Results from MIRA - one of the world's leading Crash Test Institutes.

Brodex have recently carried out a series of rigorous crash tests at the internationally respected Mira research establishment in Nuneaton. Famous for testing everything from road vehicles to Formula 1 cars.

They are recognised as a leading independent testing, consultancy and certification organisation. Through the integration of innovative design and simulation techniques, validated in over 30 major test facilities, MIRA test results are believed to be the most accurate and widely-used across Europe.

The test involved a 30mph dead-stop collision of a van-mounted system. MIRA used a HyGe reverse accelerator facility at the required speed of 31-34 mph, a velocity recommended in the European Frontal Crash Directive 96/79/EC (Appendix 1, section 4)

The official report, which can be viewed in its entirety here [www.brodexbms.co.uk](http://www.brodexbms.co.uk) states quite clearly that the occupant would not have incurred injury from the Brodex Pure Water System in a head on collision.



See our website [brodexbms.co.uk](http://brodexbms.co.uk) to watch the crash test video

## 2 "Tanksafe" - Steel Mounting Bracket

Our "Tanksafe" steel mounting bracket is secured to and through the floor of your vehicle to the chassis for absolute safety.

The tank remained firmly mounted during the head-on collision (see video).



We also ensure that heavier accessories, such as hose reels are securely fastened to the floor.



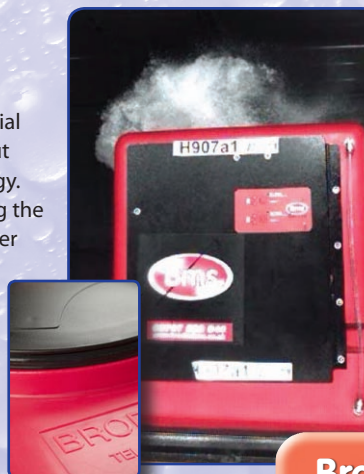
Crash test performed by world renowned MO Defence crash test experts

## 3 Safety is factored in to our product design and manufacture.

The video of the crash test clearly shows these safety design features. The material of our high-impact polypropylene tanks is chosen, not only for its toughness, but also for its flexibility. On impact the tank walls give, absorbing some of the energy. The movement of the water increases the pressure inside the tank, then - finding the point of least resistance - pushes off the specially-designed lid, allowing the water upwards and protecting the vehicle occupants. So you may get a little wet... but it's better than a half-tonne tank hitting you in the back!

To view the full crash test report see our website [www.brodexbms.co.uk](http://www.brodexbms.co.uk)

The efforts we have made to ensure your safety will provide you with complete peace of mind, so that both you and your employees will be safe in the unfortunate event of an accident. Plus, it will limit your liability should an employee make a claim against you.



**100% PEACE OF MIND**

Brodex offer the longest Guarantees in the industry

To find out more call us today on **0800 161 3212**  
or watch the crash test on our website [www.brodexbms.co.uk](http://www.brodexbms.co.uk)

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