

# The BOSS

An ultra-lightweight Hostile Vehicle Mitigation system, The BOSS is made up of components weighing no more than 8kg each and totalling less than 70kg for a three-metre tested array, allowing installation by a single operative in just a few minutes.



The name stands for Barrier On Strong Spikes, and The BOSS comprises a robust mat with the eponymous strong spikes pointing outwards, designed to bring vehicles to a controlled stop. Unlike police stinger devices, which puncture the tyres, The BOSS works by inhibiting the vehicle's wheels and axle, utilising the spikes to capture the wheels and prevent them from turning. The BOSS not only brings the vehicle to a controlled stop but does so without causing debris which could scatter to cause injuries, the spikes are covered by 3D printed cases to protect pedestrians from injury while passing by.

Each complete three-metre tested array consists of six strips with revolutionary stopping technology, two brandable tent covers, eight simple locking mechanisms, and three coupling plates. The 8kg components fit together to create a system with a total weight of less than 70kg and three storage compartments are also provided with the system for easy transportation.

## Testing & Certification

The BOSS is designed to prevent vehicles up to 7.5t travelling at speeds of up to 48kph (30mph) from entering the protected area while reducing impact to the vehicle occupants. It has been awarded an ISO 22343-1: V/7200[N3C]/48/90:24.0 certification for Hostile Vehicle Mitigation (HVM) systems.

## Features & Benefits

- ✓ Compact and lightweight
- ✓ Rapid deployment
- ✓ Easy reconfiguration
- ✓ Pedestrian permeable
- ✓ Installation by a single operative in minutes



## Technical Specifications

- Width:** 3m (tested array)
- Height:** 1036mm (100mm without tents)
- Depth:** 1165mm
- Weight:** 70kg (3m tested array)

# Innovative solutions for a safer future

We believe that safety should be a high priority for everyone who works on our roads, and everyone who uses them. You can rely on us for:

- **Market-leading solutions**
- **Technical knowledge**
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