



Your partner for vehicle targets

Designed By Experts. For Experts







Semi-Truck Trailer Target

Suitable for the IIHS V2V 2.0 Test Protocol

MD-TR-TR

Designed for Front Crash Prevention (FCP) Testing

-  Realistic simulation of a dry Vanguard trailer for safer testing
-  Overhang design replicates a truck trailer for accurate Radar signature characteristics
-  Multi-sensor compatibility developed for LiDAR, Radar, and Camera-based sensors
-  Customisable options available e.g. Bespoke text, branded covers, or colour variations





MD-TR-TR

Foam & Inflatable Truck Trailer / Stationary Dry Van Trailer

Built for the IIHS Vehicle-to-Vehicle Front Crash Prevention (FCP) 2.0 Test Protocol



A combination of inflatable and foam components with high-tech fabrics and complex construction aimed at replicating the shape of a real semi-truck trailer whilst maintaining the correct radar signatures required for high-fidelity simulation.



Specifications

- Height: 3.96m / 13ft
Width: 2.59m / 8.5ft
- 3D depth perception from rear end enables radar to resolve structural features like axle position
- Made from Foam and Inflatable components for easy transportation, assembly and storage
- Open space beneath target simulates real trailer gap for accurate radar pass-through
- Application of high-tech metallic fabrics to simulate solid metal sections of a real semi-truck trailer

Applications

- FCP (Front Crash Prevention)
- AEB (Auto Emergency Braking)

