

VORTEQ®

Trailer Mounted Attenuator



The Vorteq® is a trailer mounted attenuator for use on stationary, moving shadow or support vehicles with a minimum weight of 10,000 lbs (4,518 kg). The trailer truck mounted attenuator has passed all mandatory and optional testing and is NCHRP Report 350 Test Level 3 compliant. It also meets the UK requirements for Lorry Mounted Crash Cushion at the highest velocity level of 110 km/h (TD 49/07). The trailer unit is comprised of a light-weight tube-in-tube frame rail and a wheel/axle assembly. The Vorteq® helps to absorb rear-end impacts at speeds up to 62 mph (100 km/h).

Features

- Integrated anti-rotation capabilities.
- Open frame design facilitates quick and easy inspection/maintenance.
- Reduced debris scatter.
- Optional arrow board mounting systems.

Mounting and Repair Advantages

- Easy mounting and removal.
- Attaches to most support vehicles with a 20 ton pintle hook and 7 pin lighting connector.
- Open frame allows for easy inspection of key components.
- Wheels and axle are designed to stay connected and functional after impact, thus allow damaged unit to be driven away.

Specifications

- 22'11.75" (7.00 m) Long
- 93" (236 cm) Wide
- 2'4" (70.6 cm) High
- 300 lbs (136 kg) Tongue weight
- 1,334 lbs (605 kg) Unit weight
- 10,000 lbs (4,518 kg) Support vehicle minimum weight



1-800-527-6050
www.highwayguardrail.com

1-888-323-6374
www.energyabsorption.com

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- ❶ Impact Head
- ❷ Wheel/Axle Assembly
- ❸ Tube-In-Tube Frame Rails
- ❹ X-Brace
- ❺ Tongue Assembly

