

Trailer Mounted Attenuators



VORTEQ®



TRINITY
HIGHWAY

Ahead of the Curve™

VORTEQ®

The Vorteq® is a trailer mounted attenuator for use on stationary or moving shadow support vehicles with a minimum weight of 10,000 lbs (4,518 kg). The trailer 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).



OPEN FRAME DESIGN

Features

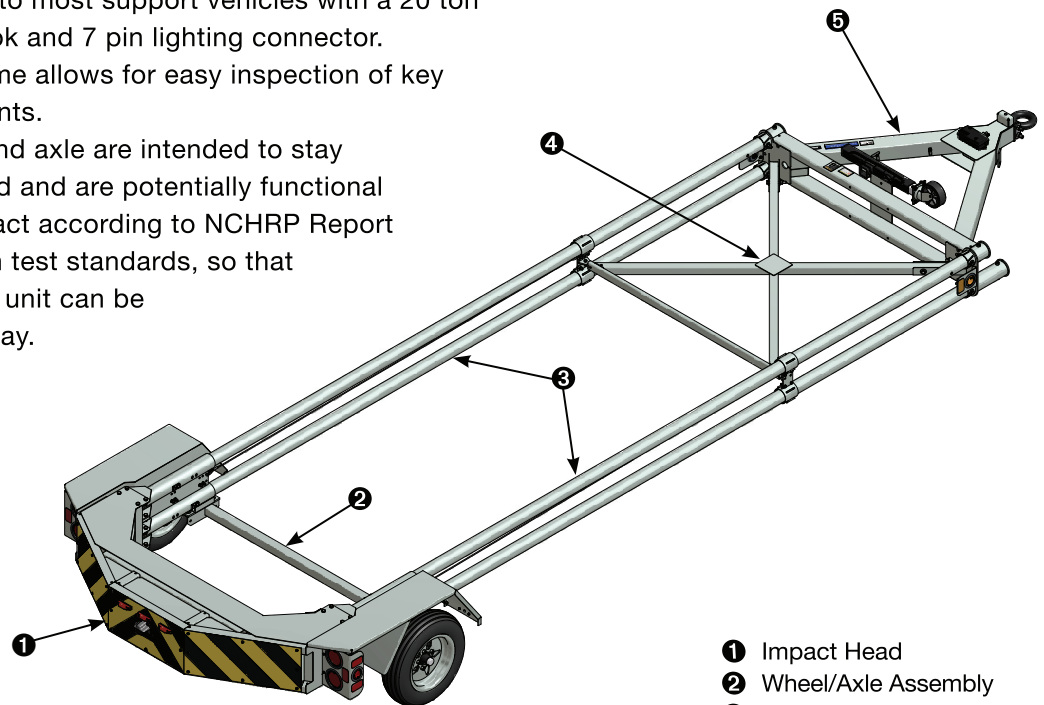
- Integrated anti-rotation capabilities.
- Open frame design facilitates quick and easy inspection or maintenance.
- Reduced debris scatter.
- Optional arrow board mounting systems.

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 intended to stay connected and are potentially functional after impact according to NCHRP Report 350 crash test standards, so that damaged unit can 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 Impact Head
- ② Wheel/Axle Assembly
- ③ Tube-In-Tube Frame Rails
- ④ X-Brace
- ⑤ Tongue Assembly

An original  ENERGY ABSORPTION SYSTEMS, INC. product.

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