

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 9,920 lbs (4,500 kg). It is tested to NCHRP Report 350 Test Level 3. Additionally, it is further tested to the UK TD 49 (110 km/h) standard. The unit is comprised of a lightweight tube-in-tube frame rail and a wheel/axle assembly. The VORTEQ® is designed to help absorb rear-end impacts at speeds up to 62 mph (100 km/h) when impacted within NCHRP Report 350 crash test standards.



Features

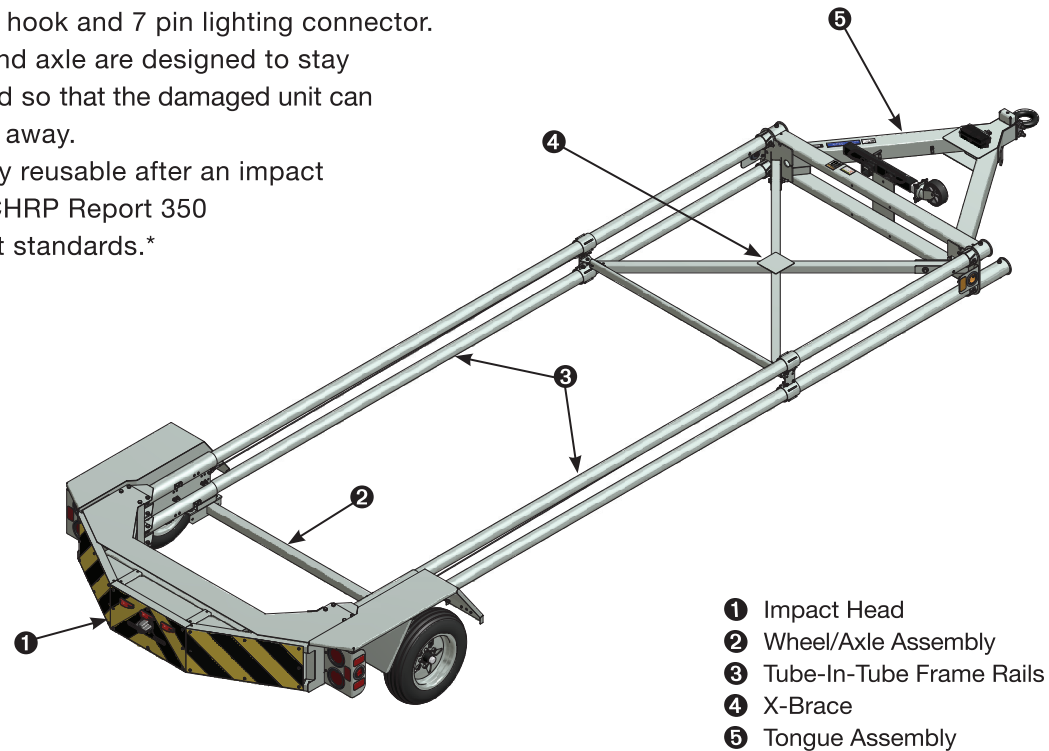
- Integrated anti-rotation capabilities.
- Open frame design helps facilitate inspection, maintenance, or repair.
- Contained debris field after an impact within NCHRP Report 350 crash test standards.
- Arrow board mounting systems available.

Assembly and Maintenance

- Attaches to most support vehicles with a 20 ton pintle hook and 7 pin lighting connector.
- Wheels and axle are designed to stay connected so that the damaged unit can be driven away.
- Potentially reusable after an impact within NCHRP Report 350 crash test standards.*

Specifications

- 23' 2" (7.06 m) Long
- 92" (234 cm) Wide
- 28" (71 cm) High
- 300 lbs. (136 kg) Tongue Weight
- 1,300 lbs. (590 kg) Unit Weight (Nominal)
- 9,920 lbs. (4,500 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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TRANSPO
INDUSTRIES, INC.
www.transpo.com

20 Jones Street • New Rochelle, NY 10801-6098
(914) 636-1000 • Fax (914) 636-1282 • info@transpo.com

4-19
www.trinityhighway.com
1.888.323.6374

