

TraFFix Scorpion 10,000 Truck Mounted Attenuator

Performance and Safety Features:

- Approved By FHWA – for use on the National Highway System (NHS);
- Crash Tested and Certified – to NCHRP Report 350 TL-2 and TL-3 requirements; the only TMA to have been subjected to and pass both TL-3 optional off-set impacts (Tests 3-52 & 3-53);
- Additional Crash Test – TMA has been subjected to and passed a rear corner, worst case, "real world" type impact using TL-3 testing criteria (TraFFix Test 3-54);
- Curved Aluminum Tube Frame – is exceptionally strong, provides re-directional capacity along entire length of TMA, and resists damage from coincidental contacts (self-inflicted wounds);
- Full Lane Width Protection – is sufficiently wide to prevent potential vehicle pocketing at the non-cushion, truck support region (the "coffin corner" area at rear of truck);
- Open Cartridge Design – TMA has very low wind resistance when transporting, with no buffeting at high speed, and allows rearward visibility when raised;
- Scorpion TMAs are Modular – system crushes in progressive stages, designed for lower repair costs and easy parts replacement;
- Energy Absorbing Cushions – are aluminum honeycomb in environmentally sealed aluminum containers, and are powder coated with durable polyester powder coat for maximum longevity;
- Aluminum Cartridge and Strut – are lightweight and resist corrosion; weighs only 1,627 lbs.;
- Steel, Heavy Duty Under-Ride Support System (Backup) – provides a stable and secure mounting platform;
- Strut 90° Tilt – allows for minimum truck overhang or extension, and minimum transport height (10' 6");
- Cartridge & Strut 90° Tilt(s) – are hydraulic for smooth operation and power up/power down in stages;
- Hydraulic Lockouts & Support Bracket – prevent unit from swaying or rocking when transporting;
- Hydraulic Tilt Velocity Fuses – prevents TMA from lowering/falling should lines ever rupture or break;
- Hydraulic Controls – can be mounted in either the truck cab or at rear of truck;
- Heavy Duty Electrical System – is pre-manufactured and pre-set, eliminates the guesswork & confusion;
- Warning Alarm – sounds when actuating TMA upward to storage or downward to deployed position;
- Four Storage Jacks – are built-in and allow system to be rolled/stored with cartridge in the vertical position;
- Diamond Grade Reflective Tape (per MUTCD) and Extensive Rear Lighting – helps warn oncoming vehicles.