Scorpion II® BLOCKER
Truck & Towable Attenuators

TESTED TO 62MPH/100KPH

MASH ✓
Manual for Assessing Safety Hardware
TESTED, PASSED AND ELIGIBLE

PROTECT YOUR WORKERS + YOUR EQUIPMENT:
MASH APPROVED TL-3 TRUCK MOUNTED ATTENUATOR

Over 2,000 documented hits involving Scorpions and thousands of lives saved around the world. Scorpion's design has over twenty years of proven life saving performance on highways around the globe.

- Protect your first responders with the safest, most reliable truck mounted attenuator available today
- Tested and Eligible with a minimum host truck vehicle weight of only 15,000 lbs. (6,804 kg)
- Available with optional Dr. Airbrake® automatic braking system, instantly locks brakes of host vehicle upon impact

01 FULL WIDTH IMPACT PROTECTION

Safely protects and redirects the impacting vehicle away from the "coffin corner" area at the rear of the truck

02 MODULAR DESIGN

When impacted, the Scorpion II crushes in progressive stages, which results in lower repair costs and easy parts replacement

03 ENERGY ABSORBING CUSHIONS

Aluminum honeycomb core, enclosed by aluminum powder coated modules provides maximum durability & longevity

SCORPION II® BLOCKER TL-3 TMA SPECIFICATION

The Truck Mounted Attenuator (TMA) is a mobile crash cushion attached to the rear of a support vehicle's frame. The TMA may be used on moving shadow trucks, stationary block vehicles, or advanced warning vehicles upstream of a moving or stationary operation. The TMA shall be tested, passed and eligible to MASH TL-3 (62.5 mph / 100 kph). The TMA can be used on support vehicles with a min. actual/curb weight of 15,000 lbs (6,804 kg) with no upper weight limit (infinite weight). Lighting consists of LED brake, directional, signal and running lights for enhancement of advanced warning to drivers. The TL-3 TMA has an overall dimension of 12.94 ft. (3.9 m) x 8.0 ft (2.4 m) x 2.0 ft (0.6 m) and has a ground clearance of 12 in ± 1 in (305 mm ± 25.4 mm) when deployed in the horizontal operating position. The Scorpion II TMA consists of three (3) main components: Strut, Cartridge, and backup/diaphragm frames. The Strut and Cartridge are the energy attenuation components. The Strut is positioned nearest to the support vehicle and the Cartridge is positioned furthest away from the support vehicle. The Cartridge is typically the first component impacted by an errant vehicle. The Strut consists of four (4) outboard convex aluminum tubes (two on each side) forming an aluminum structural weldment. The aluminum structural weldments bolt to a structural steel diaphragm/backup frame. The TMA can be rotated in a double 90° fold position over the support vehicles bed with a stored height of less than 12'5" (3.8 m). An optional hydraulic powered vertical lift can be utilized with the TMA to deploy a display panel when the TMA is lowered into the use position. The vertical lift is powered by the same on-board hydraulic system that rotates the TMA into the stored and use position. The vertical lift is sequenced to raise and lower a panel for displaying advanced messages, directional indicators, or other notifications.

TRUCK MOUNTED TL-3 SPECS

LENGTH:	12.9 ft. / 3.9 m
WIDTH:	8.0 ft. / 2.4 m
HEIGHT:	2.0 ft. / 0.6 m
GROUND CLEARANCE:	12 in. ± 1 in / 305 mm ± 25.4 mm

TOWABLE TL-3 SPECS

LENGTH:	17.8 ft. / 5.4 m
WIDTH:	8.0 ft. / 2.4 m
HEIGHT:	4.3 ft. / 1.3 m
GROUND CLEARANCE:	12 in. ± 1 in / 305 mm ± 25.4 mm

04 SHORTEST OVERALL LENGTH

Only 13 ft. (4 m) in use position when compared to other competitors units that are over 19 ft. (5.8 m) long when fully deployed - minimizes incidental impacts which reduces repair costs

05 INFINITE WEIGHT ELIGIBLE

Can be used on a host vehicle from 15,000 lbs. (6,804 kg) with no upper weight limit

06 OPEN CARTRIDGE DESIGN

Reduced wind resistance increases fuel efficiency in storage and transport mode, even when traveling at highway speeds

07 CURVED ALUMINUM TUBE FRAME

Exceptionally strong, provides protection against nuisance impacts with re-directional capacity along the entire length of the TMA