

**BLADE-TTMA is a Trailer Truck Mounted Attenuator (TTMA). This is an energy absorbing trailer attached to the rear of a truck, also known as an attenuator Truck or Lorry mounted crash cushion or utility vehicle.**



**TECHNICAL SPECIFICATIONS**

- Full scale crash tested and approved according the MASH 2016 TL-3 (3-50 | 3-51 | 3-52 | 3-53 | and the optional 3-54)
- Standard operation from truck with (15M) wired cabin controller
- A 175 Amps plug is mounted, to power the entire machine from the vehicle 12Vdc or 24Vdc
- 4 electric actuators, 4 electric gearbox motor and LED driving lights
- Fully automated retractable version
- Galvanized steel structure
- The aluminium crash cushion can be painted in any desired RAL color(s)
- Delivered including test certifications and CE marking
- EMC compliant
- Amazing test results!!!

**UNBELIEVABLE TEST RESULTS**

A TTMA is designed to provide a controlled stop of a vehicle impacting the rear of the truck. TTMA's have been used since the mid-1970's to reduce the severity of impacts between errant motorists and slow moving or stopped shadow vehicles used to protect highway maintenance workers.

**DESCRIPTION OF THE TTMA-SYSTEM**

Let's explain how this patented invention works. The BLADE-TTMA shall consist of the following basic components:

- *Two steel galvanized CUT and BEND mechanisms*
- *Two aluminium energy absorbing Tube sections and H-beams*
- *A steel Support Structure to hold on and attach the BLADE-TTMA*
- *Standard LED trailer lighting system*
- *A steel axle and two wheels*

When the system is attached to the rear of a truck, the frame assembly shall be capable of collapsing when impacted by an errant vehicle. The complete Verdegro BLADE-TTMA is designed to make attachment or detachment from the truck simple and fast using the jockey wheel.

Table of contents and dimensions

Transport height with AB	2575 mm / 8,5 ft
Installation length	6340 mm / 20,8 ft
Width	2300 mm / 7,6 ft
Hood to road	315 mm / 12 inch
Weight complete installation	Approx. 1179 kg / 2600 lbs

Note: all these dimensions are approximately, no rights can be derived.

## MASH TESTED, PASSED, FHWA ELIGIBLE AND DOT APPROVED

### Options:

- Arrow board frame electric raised
- Chevrons/Reflective foil

