

The BLADE-TTMA is a high-performance, energy-absorbing trailer mounted at the rear of a truck, also known as a truck-mounted attenuator, lorry-mounted crash cushion, or utility vehicle attenuator.

BLADE - TTMA



TECHNICAL SPECIFICATIONS

- Fully crash tested and approved according to MASH 2016 TL-3 (3-50 | 3-51 | 3-52 | 3-53 | and the optional 3-54)
- Standard operation from the truck using a wired in-cab controller
- Equipped with 175 A or 350 A plug supplying full system power from the vehicle's 12 Vdc or 24 Vdc electrical system
- Four electric actuators, four electric gearbox motors and LED driving lights
- Fully automated and retractable for easy operation
- Galvanised steel structure
- The aluminium crash cushion can be painted in any desired RAL colour(s)
- Delivered with official crash test certifications and CE marking / EMC compliant
- Geo fencing by Mobilityplanner (optional): visibility in Waze, Flitsmeister, Apple Maps, Here

REMARKABLE TEST PERFORMANCE

A Trailer Truck Mounted Attenuator (TTMA) is designed to safely control and reduce the impact of vehicles striking the rear of a truck. TTMA's have been used since the mid-1970s to protect highway maintenance crews.

HOW THE BLADE-TTMA WORKS

The patented BLADE-TTMA is engineered for maximum safety and efficiency. It consists of the following core components:

- Two galvanised steel CUT and BEND mechanisms
- Two aluminium energy-absorbing tube sections and H-beams
- A steel support structure for secure attachment to the truck
- Standard LED trailer lighting system
- A steel axle with two wheels

Once attached to the rear of a truck, the frame assembly is designed to collapse in a controlled manner when impacted by a vehicle. The complete BLADE-TTMA system allows fast and effortless attachment or removal, thanks to the built-in jockey wheel.

PATENTED DESIGN

This design is protected by patents in Europe (EP3414397), the United States (US9739328), China (201780012010-9), and Hong Kong (1259882).

BLADE-TTMA (MASH 2016 TL-3 100K)

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 in
Weight complete installation	Approx. 1179 kg / 2600 lbs

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



EXTRA OPTIONS:

- Electrically raised arrow board frame
- Chevrons / Reflective foil

BLADE-TTMA MASH 2016

