



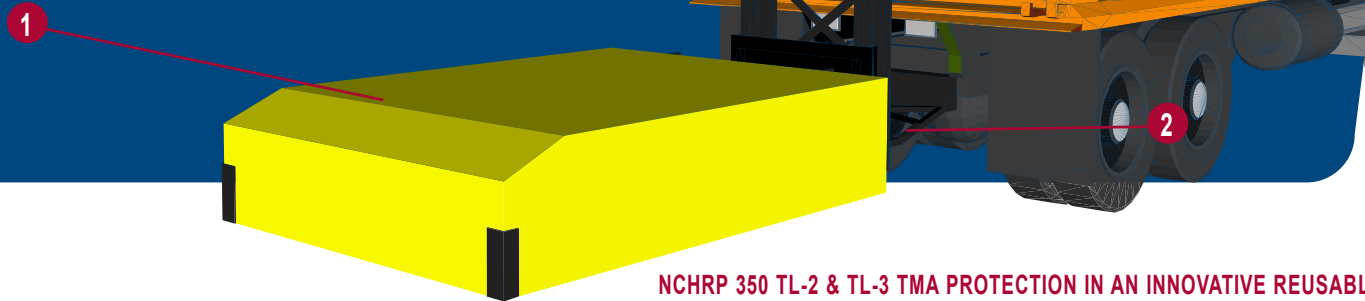
U-MAD[®] TMA Truck Mounted Attenuator

- Low Cost Reusable TMA
- Cartridge Interchangeable with U-MAD Trailer
- Meets NCHRP 350 TL-2 & TL-3 with Arrow / Message Board Installed



U-MAD[®] Truck Mounted Attenuator

- 1 INTERCHANGEABLE CARTRIDGE
- 2 BACKUP ASSEMBLY
- 3 TRUCK MOUNTING SYSTEM



NCHRP 350 TL-2 & TL-3 TMA PROTECTION IN AN INNOVATIVE REUSABLE DESIGN

U-MAD Truck Mounted Attenuators (TMAs) offer outstanding performance, excellent life cycle costs and quick, simple refurbishment. The U-MAD TMA is available as a TL-2, TL-3 or 80 for use in work zones with speed capacities from 44-62 mph [70-100 km/h]. The U-MAD TMA provides a wide range of protection for workers, motorists and equipment. The U-MAD TMA has passed the rigorous NCHRP 350 TL-2 and TL-3 criteria for both mandatory and optional tests with an arrow/message board installed.

FEATURES

- Only the cartridge needs to be replaced after a design impact
- Passes all mandatory and optional NCHRP 350 TL-2 and TL-3 tests with an arrow/message board installed.
- Engineered to keep the impacting vehicle and support vehicle in the travel lane even after angle impacts
- Cartridges are Interchangeable with the U-MAD Trailer TMA, reducing inventory costs
- Light weight system
- Many flexible mounting options
- Optional cab-mounted controllers

PHYSICAL SPECIFICATIONS

TL-3 Length	4.19 m [13'-8"]
Width	229 cm [90"]
Weight	590 kg [1300 lb.]
Height in Storage Position	381 cm [12'-6"]
Test Performance Level	NCHRP 350 TL-2, TL-3



FREQUENTLY ASKED QUESTIONS

WHAT IS REUSABLE AFTER A DESIGN IMPACT?

After a typical design impact only the cartridge needs to be replaced.

HOW HARD IS IT TO CHANGE A CARTRIDGE ON THE U-MAD TMA?

The replacement procedure is very simple. All that is required is removing and replacing a cartridge, two bolts and a cylinder pin.

DOES THE U-MAD TMA MEET NCHRP 350 TL-3 OPTIONAL TESTS?

Yes, the U-MAD TMA meets all required test criteria for mandatory and optional tests under NCHRP report 350 TL-3.

HOW DOES THE U-MAD TMA ATTACH TO A TRUCK?

The U-MAD TMA utilizes many different engineered systems for quick attachment to a host vehicle. Contact your local distributor for more information on truck attachment options.



The U-MAD TMA offers a variety of quick mounting options to make deployment and removal safe and easy.

General details for the U-MAD TMA are subject to change without notice to reflect improvements and upgrades. Additional information is available from Barrier Systems, Inc.

DISTRIBUTED BY:

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