

TTMA-100

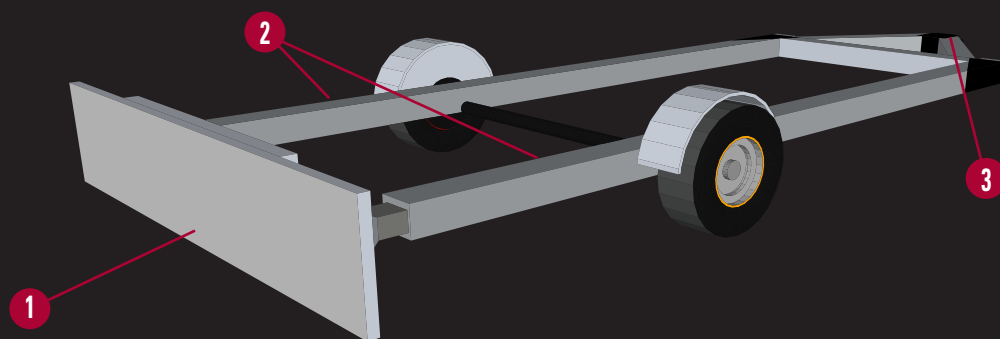
Trailer Truck Mounted Attenuator

- Low Cost Trailer TMA
- Lightweight Design
- Meets NCHRP 350 Criteria



TTMA-100 TRAILER TRUCK MOUNTED ATTENUATOR

1. Impact Head
2. Energy Absorbing Rails
3. Tongue Assembly



FEATURES

- Tube bursting technology utilizes the trailer frame as the energy absorber thus simplifying the design and reducing cost.
- Meets all required and optional NCHRP 350 TL-3 test criteria with the support vehicle blocked during the light car head on impact to eliminate all forward movement (worse case scenario).
- Provides continuous protection at all times and speeds; no need to raise TMA to vertical position for transport; no overhead clearance issues.
- Can be used with any support vehicle of 4535 kg (10,000 lb) GVW or more equipped with a standard 8 ton pintle hook.
- Fully galvanized construction
- Can be attached directly to snow-plowing, and some sanding and salting equipment.
- Can be equipped with arrow board or variable message sign panels (optional).
- Field replacement components for low-cost in-field repair of nuisance hits.
- Tongue weight of only 90 kg (200 lb) does not significantly reduce the load carrying capacity of the support vehicle.

TL-3 TRAILER PROTECTION IN AN AFFORDABLE DESIGN

The innovative, flexible and affordable trailer TTMA-100 trailer truck mounted attenuator, is the first approved hitch-mounted TL-3 TMA that can be used with almost any vehicle in a fleet from 4535 kg (10,000 lb) to unlimited GVW.

Utilizing a standard 8-ton pintle hitch, the 658 kg (1450 lb) TTMA-100 can be attached to the towing vehicle in a few minutes with absolutely no modification. The TTMA-100 offers the most affordable and flexible TMA safety on the market today.

PHYSICAL SPECIFICATIONS

Classification	TTMA
Length	7.2 m (23' 6")
Width	244 cm (96")
Height	790 mm (31")
Weight	658 kg (1450 lb)
Test Level	NCHRP 350 TL - 3



Can the TTMA-100 withstand nuisance impacts?

Yes, the TTMA-100 can withstand an impact up to 8 km/h (5 mph) by a vehicle weighing up to 2000 kg (4450 lb) without impeding crash performance.

Does the TTMA-100 meet NCHRP 350 TL-3 optional test criteria?

Yes, the TTMA-100 meets all required test criteria for mandatory and optional tests under NCHRP Report 350 TL-3.

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Does the TTMA-100 meet the NCHRP 350 infinite weight test?

Yes, the TTMA-100 Meets the NCHRP 350 infinite weight test (2000 kg (4450 pound) Pickup Truck impacting at 100 km/h (62.5 mph) with the host vehicle up against a concrete wall to simulate the heaviest possible work vehicle in a construction zone.



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General details for the TTMA-100 TMA are subject to change without notice to reflect improvements and upgrades.

Additional information is available from Barrier Systems, Inc. © Lindsay Transportation Solutions

PT # TTMA04-051512