

SS90™ HD

Reusable Truck Mounted Attenuator



The SS90^{HD} is a heavy duty, reusable truck mounted attenuator (TMA) available for use on stationary or moving shadow/support vehicles. This TMA has passed all mandatory and optional testing and is NCHRP Report 350 Test Level 3 compliant. Additionally, the SS90^{HD} has passed the UK TD 49, 110 km/h (68 mph) test. The unit is comprised of two light-weight aluminum cartridges contained in a typically reusable galvanized support frame. The SS90^{HD} helps to absorb rear-end impacts at speeds up to 62 mph (100 km/h) when impacted according to NCHRP 350 crash test standards.

Features

- Galvanized, reusable steel frame and components. Black and yellow powder coated systems available upon request.

- Replaceable energy absorbing cartridges.
- High temperature rated, powerful hydraulic system quickly lowers and raises TMA for storage and transport.
- Accessible hydraulic pump and reservoir promotes easy inspection and maintenance.
- Custom lighting systems available in 12V, 24V, Incandescent or LED systems. Easy, cable routing and mounting locations ensure quick assembly.
- “Push-to-activate” function raises and lowers unit. An alert buzzer sounds when unit is not fully deployed or in vertical position. In-cab controls also available.
- Can withstand typical low-speed nuisance hits up to 6 mph (10 km/h).

Installation and Repair Advantages

- Simple attachment options mount to standard truck
- Mounting options include standard and tailgate mount
- Hand crank jacks and swivel casters allow for easy stable mounting, dismounting and moving for storage

Specifications

- 13'2" (3.98m) length from back of truck
- 93" (2.36m) wide
- 1996 lbs (906 kg)
- 12" (3055 mm) road clearance
- 16,090 lbs (7300 kg) minimum support vehicle weight

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Reusable Truck Mounted Attenuator

- ❶ High Performance Hydraulics
- ❷ Trigger Release Cables
- ❸ Galvanized Collapsible Frame
- ❹ Customizable Impact Face
- ❺ Replaceable Cartridges

