

PRODUCT FEATURES

Drop and Stop Vehicle Mitigation Solution

PHYSICAL FEATURES

- Fabricated of high strength steel made in the United States
- Non-electronic, non-hydraulic design
- No maintenance contracts
- Modular design with flexible configuration for lane closures, lane mergers, long perimeter protection when connected to Arrestor Cables
- Non-lethal vehicle control solution
- Measurements of 2' (60 cm) wide, 4' (120 cm) long, 3' (90 cm) high (per unit)
- Jagged front and back edges with spikes on horizontal plate for gripping on or before impact
- Wide rear kick plate 10" (25.4 cm) long to reinforce stopping of the vehicle on impact
- Fixed in place ramp at 13 degrees with vertical plate positioned on the horizontal plate
- Attachment points for either 3' (90 cm) Arrestor Cables or 8' (243 cm) Arrestor Cables
- Reusable after impact
- Tow bar is 5'4" (162 cm) long with a 20" (50 cm) square handle with a locking pin used in the receiving cradle combined with connecting the leverage chain onto the receiving mount at the base of the ramp
- Unit weight of 700lbs (362 kilos)
- Structural steel ASTM A500 plates
- Bolts conform to the ASTM specifications for A325 or A490 high strength bolts
- All welding is AWS certified
- May be galvanized or painted
- Way Finding frames for directional signage meeting national highway standards
- Directional signs provide for events, safety and security

TESTING

- Ballistic rated for armor piercing NATO rounds up to .50 cal. ball rounds
- Unanchored stopping power
- Units may be bolted in a row of 4 to stop vehicles traveling at 40 MPH (64 KPH) within 7' (213 cm of impact)
- Un-bolted units stop a vehicle traveling at 30 MPH (48 KPH) within 14' (426 cm)

DEPLOYMENT

- Suitable for on aggregate roadways and hard surfaces
- One person portable and rapidly deployable within minutes
- Removable wheels for stationary position or locked in the up position once set in place
- Fast installation pivots on wheels with the Archer Hauler or Tow Bar connectors
- No heavy equipment needed to deploy
- Easy transportation in sets of 4, 6, 8, 12 and 16 units where an Archer Hauler and Tow Bar can be transported by a standard pickup truck where there is no need for special trucks to move the barriers to their location
- Certification training by MERIDIAN safety specialists
- Vehicle Safety Mitigation Plans designed for individual for events and deployments
- After Action Reports provided after each event
- Annual Community Safety Compliance programs to ensure certifications standards remain compliant

CERTIFICATIONS

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| • SAFETY Act "Designated" and "Certified" | • ASTM |
| • PAS 68 | • IWA-14 |
| • Factories ISO | |