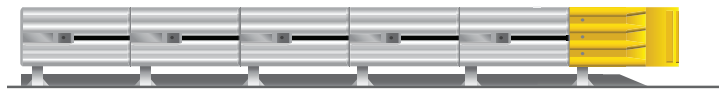


Crash Cushions



QuadGuard[®]



TRINITY

HIGHWAY

Ahead of the Curve[™]

QuadGuard®

The QuadGuard® consists of crushable, energy-absorbing cartridges surrounded by a framework of steel Quad-Beam™ panels. The system is NCHRP 350 Test Level 1, Test Level 2 and Test Level 3 compliant as a redirective, non-gating crash cushion. The QuadGuard can be used to shield fixed objects of 2' to 10'-6" wide (610 mm to 3,200 mm) while using less than 22' in length.

Higher speed QuadGuard units are available.



SELF-SUPPORTING NOSE

Features

- Replaceable energy-absorbing cartridges.
- Self-supporting plastic nose.
- High strength Quad-Beam™ panels.
- Needs no anchoring chains or tension cables.
- Custom connections available.
- Compact, modular design (one to twelve bays) accommodates speeds from 25 mph (40 km/h) to 75 mph (120 km/h).
- Systems available for various lengths, widths and speeds.

Back-Up Structure and Attachments

- Simplified backups - Tension strut or concrete
- Bridge pier(s) and parapet(s)
- Square block(s)
- Temporary & permanent concrete barrier(s)
- W-beam
- Thrie-beam

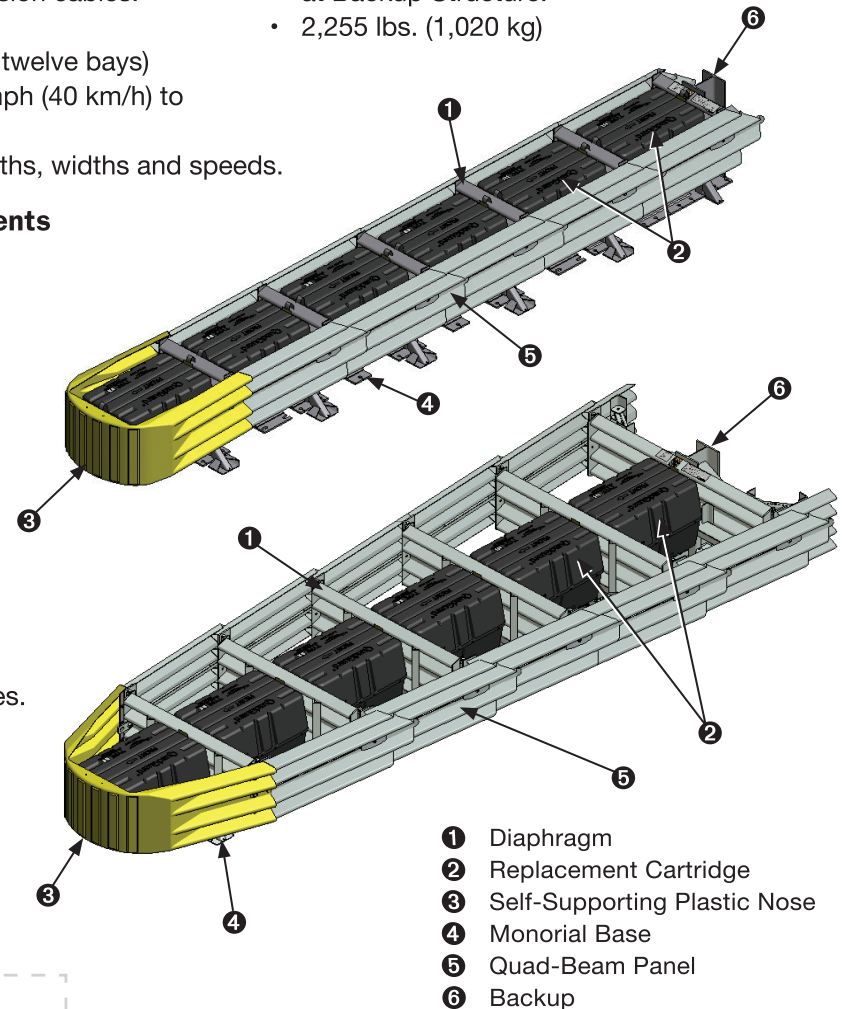
Assembly and Maintenance

- Damaged cartridges contain debris and are easily replaceable.
- Monorail base eliminates need for anchoring chains/tension cables.
- QuadGuard may be reusable after design impacts.
- Anchorage options include: asphalt, concrete, soil-drive pile.

Specifications

Typical Six-bay Unit (Custom Widths Available):

- 21' Long (6.4 m)
- 2' (610 mm) min., 126" (3.2 m) Max. Width at Backup Structure.
- 2,255 lbs. (1,020 kg)



An original  ENERGY ABSORPTION SYSTEMS, INC. product.

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