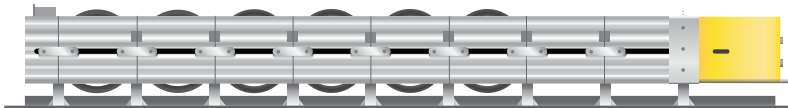




# QuadGuard® Elite



**TRINITY**  
**HIGHWAY**

*Ahead of the Curve™*



# QuadGuard® Elite

The QuadGuard® Elite offers the added value of potentially reusable cylinders for applications with above average impact frequency. The system is NCHRP 350 Test Level 2 and Test Level 3 compliant as a redirective, non-gating crash cushion. The QuadGuard Elite's cylinders are made of High Density Polyethylene (HDPE), a material that can typically withstand multiple impacts before requiring replacement.

QuadGuard Elite, as a member of the QuadGuard family of crash cushions, utilizes many of the same components as the QuadGuard.

## 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)
- Thrie-beam
- W-beam

# PERFORMANCE AND VALUE

## Features

- Potentially reusable High Density Polyethylene (HDPE) cylinders provide low life cycle costs.
- Flex-belt nose.
- High strength Quad-Beam™ panels.
- Needs no anchoring chains or tension cables.
- Compact, modular design accommodates speeds from 25 mph (40 km/h) to 70 mph (113 km/h).
- Custom connections available.
- Systems available for various lengths, widths and speeds.

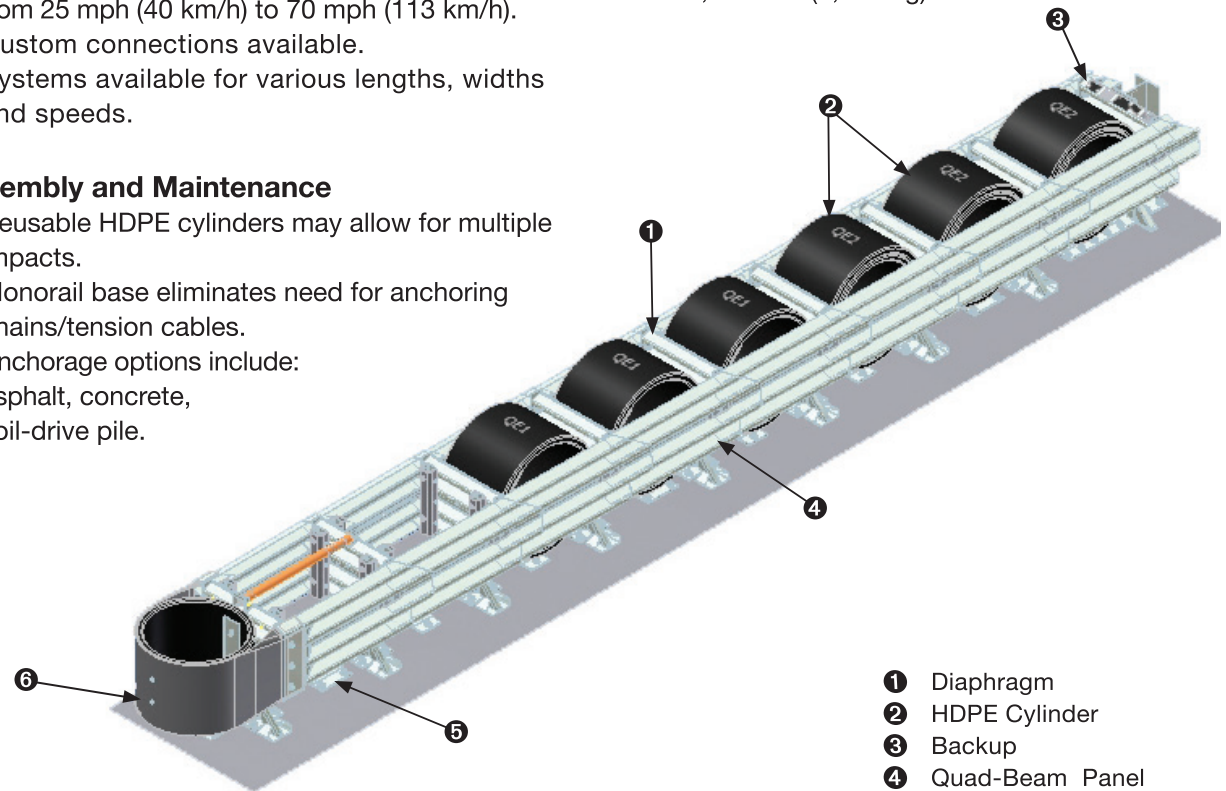
## Assembly and Maintenance

- Reusable HDPE cylinders may allow for multiple impacts.
- Monorail base eliminates need for anchoring chains/tension cables.
- Anchorage options include: asphalt, concrete, soil-drive pile.

## Specifications

Typical Eight-bay Unit (Available in Widths of 24", 30", 36", 69", 90" or Custom Widths):

- 26.75' Long (8 m)
- 24" (610 mm) Min., 90" (2.29 m) Max. Width at Backup Structure.
- 4,900 lbs. (2,223 kg)



- 1 Diaphragm
- 2 HDPE Cylinder
- 3 Backup
- 4 Quad-Beam Panel
- 5 Monorail Base
- 6 Flex-Belt Nose

An original  ENERGY ABSORPTION SYSTEMS, INC. product.

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