QuadGuard® High Speed (HS)

TRINITY HIGHWAY
Ahead of the Curve®
QuadGuard® High Speed (HS)

The QuadGuard® High Speed (HS) system is a directive, non-gating crash cushion that consists of three space frames, six standard diaphragm, and crushable energy absorbing cartridges, all surrounded by a framework of steel Quad-Beam™ panels. The system is tested to NCHRP Report 350 Test Level 3. The QuadGuard® HS can be used to shield fixed objects 24", 30", and 36" wide.

The QuadGuard® HS, as a member of the QuadGuard® family of crash cushions, consists of many of the same components as the QuadGuard.

Features
• Flex-belt nose.
• Replaceable energy absorbing cartridges.
• Lightweight space-frame diaphragms in the first three bays.
• High strength Quad-Beam™ panels.
• Does not use anchoring chains or tension cables.
• Custom connections available.
• Compact, modular design tested to 70 mph (113 km/h).

Assembly and Maintenance
• Interchangeable components help reduce repair costs.
• Anchorage options include both asphalt and concrete.
• Major components are potentially reusable after an impact within NCHRP Report 350 crash test standards.*

Back-Up Structure and Attachments
• Simplified backups – Tension strut or concrete
• Bridge pier(s) and parapet(s)
• Concrete gores
• Temporary and permanent concrete barrier(s)
• Three-beam end sections
• W-beam end sections

Specifications
Nine-Bay Unit
(Available in widths of 24", 30" & 36")
• 3,700 lbs. (1,678 kg)
• Length: 30' (9,144 mm)
• Shields fixed objects up to 36" in Width

An original product.

Distributed by:
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*After an impact, the product must be inspected and evaluated per the direction of the specifying roadway authority. The ultimate decision on reusability rests with the specifying roadway authority and/or state DOT.