

QuadGuard[®] High Speed (HS)

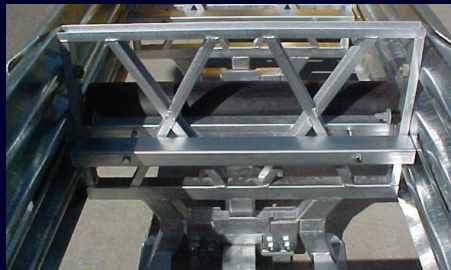
CRASH CUSHIONS



QuadGuard® High Speed (HS)

The QuadGuard® High Speed (HS) system is a redirective, non-gating crash cushion that consists of three space frames, six standard diaphragms, 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.

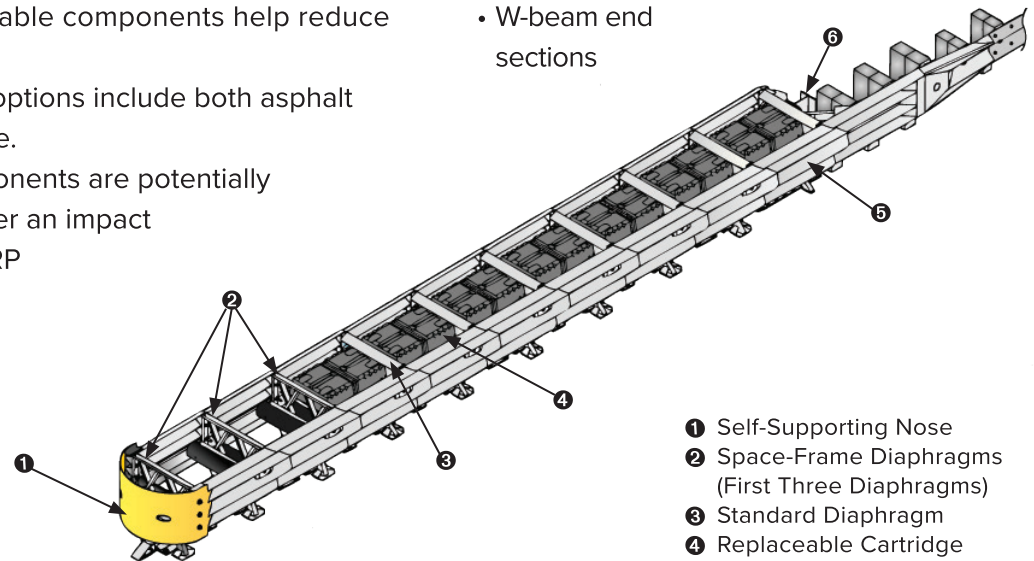


FEATURES

- 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.*



- 1 Self-Supporting Nose
- 2 Space-Frame Diaphragms (First Three Diaphragms)
- 3 Standard Diaphragm
- 4 Replaceable Cartridge
- 5 Quad-Beam Panel
- 6 Backup

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

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)
- Thrie-beam end sections
- W-beam end sections

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