

# QUADGUARD<sup>®</sup> CZ SYSTEM

## PORTABLE NON-GATING REDIRECTIVE CRASH CUSHION FOR WORK ZONES



### OVERVIEW

The innovative QuadGuard CZ System has been improved with the addition of modular plate bases to reduce anchorage and speed installation. The QuadGuard CZ System meets all of today's strict crash cushion performance criteria. The QuadGuard CZ System provides the same lifesaving efficiency and features of the permanent QuadGuard System, in a compact, portable system that is easier than ever to install.

During head-on impacts, the QuadGuard Systems telescope rearward and crush the cartridges to absorb the energy of impact. When impacted from the side at angles up to 20°, the QuadGuard Systems safely redirect the errant vehicle back toward its original travel path without allowing gating.

### FEATURES AND BENEFITS

- ▶ NCHRP 350 TL-3 performance requires only 30 anchors
- ▶ Compact, modular design can accommodate speeds from 70 km/h (45 mph) to 115 km/h (71 mph)
- ▶ 80% reusability after most design impacts
- ▶ Lifting points allow easy repositioning as a complete unit
- ▶ Easy to access anchor holes allow for fast installation
- ▶ Available in 610, 762 & 910 mm (24, 30 & 36 in.) widths to protect a wide array of hazards



Modular plate base reduces anchorage and speeds installation

Built-in lifting points allow the system to be moved as a complete unit



**ENERGY ABSORPTION**  
SYSTEMS, INC.



**SAVING LIVES BY DESIGN**

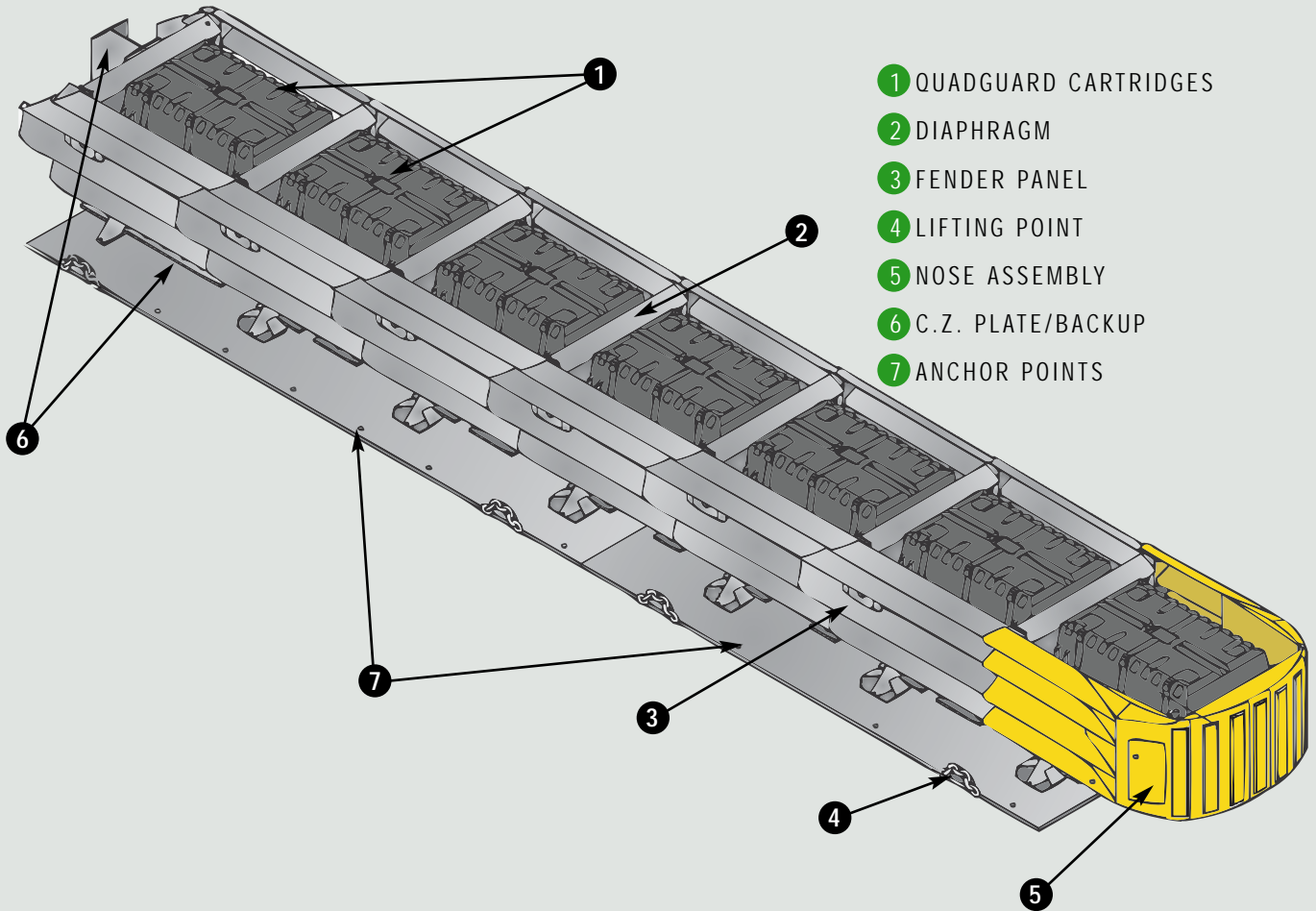
## QUICK & EASY INSTALLATION & REMOVAL



- ▶ Only 30 anchor bolts needed for TL-3 six bay unit
- ▶ Easy access to anchor holes
- ▶ Entire system can be moved as a single unit using lifting points

## SPECIFICATIONS

Minimum Width at Backup	610.0 mm	(2')
Maximum Width at Backup	915 mm	(3')
Weight (typical 6-bay unit)	1594.0 kg	(3512 lb.)
Length (typical 6-bay unit)	6.4 m	(21')



- 1 QUADGUARD CARTRIDGES
- 2 DIAPHRAGM
- 3 FENDER PANEL
- 4 LIFTING POINT
- 5 NOSE ASSEMBLY
- 6 C.Z. PLATE/BACKUP
- 7 ANCHOR POINTS

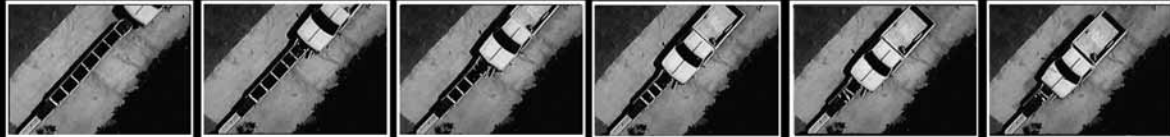


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## SAVING LIVES BY DESIGN



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General specifications for the QuadGuard System are subject to change without notice to reflect improvements and upgrades. Additional information is available in the Product Manual for this system. Contact Energy Absorption Systems for details.