

# VULCAN™ BARRIER

## PORTABLE STEEL LONGITUDINAL BARRIER



### OVERVIEW

The Vulcan Barrier from Energy Absorption Systems is a portable steel longitudinal barrier that meets NCHRP 350 TL-3 test requirements as a longitudinal redirecting barrier. It is available in effective lengths of four meters, eight meters and twelve meters. Vulcan Barrier uses a vertical steel pivot pin to interlink each module allowing the system to follow curves of up to six degrees per four meter segment.

The Vulcan Barrier can be deployed as a free standing system and is designed to be used with a variety of end terminal options, such as the Triton CET System or QuadGuard® CZ System. Optional casters can be installed to simplify deployment and movement. The lightweight and stackable design allows up to 160 meters to be transported on one truck, offering a huge transport savings when compared to traditional concrete barriers.

The Vulcan Barrier can also be used as a simple median gate to allow traffic to be diverted for any reason.

### FEATURES AND BENEFITS

- ▶ Meets NCHRP 350 TL-3 test requirements as a longitudinal redirecting barrier.
- ▶ Lightweight stackable design reduces transport costs when compared to traditional concrete barrier.
- ▶ Can be used as its own median gate.
- ▶ Four, eight or twelve meter sections available.
- ▶ Variety of end terminal options available.

Easily interconnected to additional barrier segments and Triton® Water Filled Barrier.



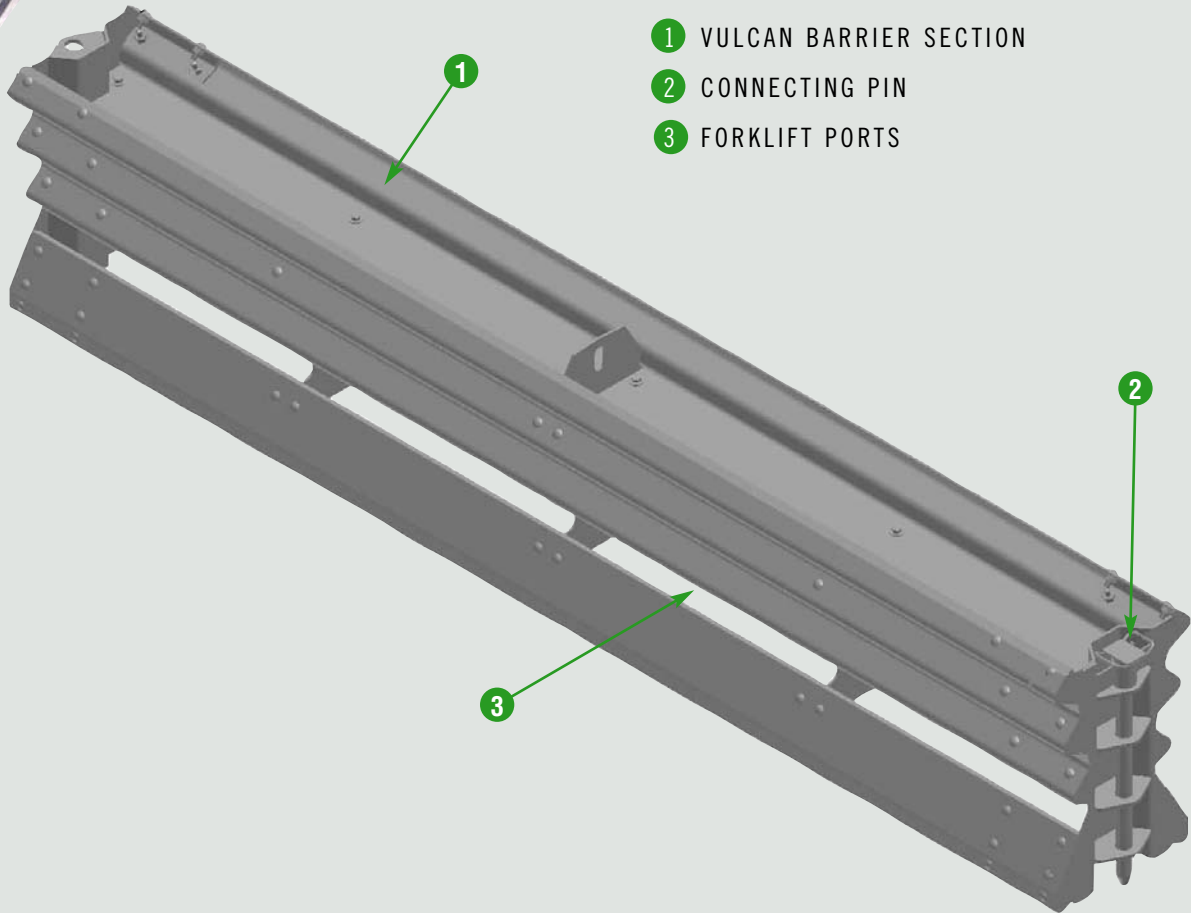
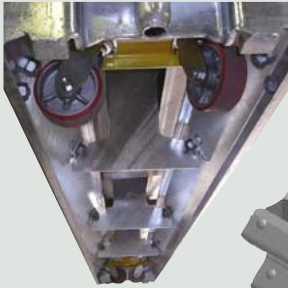
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## EASY INSTALLATION & REMOVAL



A Vulcan Barrier installation is constructed from a series of individual barrier sections. The ends of each section are easily pinned together. The pin securely joins the sections for maximum impact performance. The sections can swivel at the pin for easy positioning around work areas. The inwardly sloping ribbed side walls of the Vulcan Barrier interact with an impacting vehicle in a way that resists penetration, vaulting, and underriding. Sections are also stackable to reduce shipping and storage space. The Vulcan Barrier can be easily maneuvered using either a forklift or the optional integrated casters and jack.



- 1 VULCAN BARRIER SECTION
- 2 CONNECTING PIN
- 3 FORKLIFT PORTS

## SPECIFICATIONS

Recommended Maximum Taper Angle	70 km/h (43mph) 9:1 (6°)
	100 km/h (62mph) 13:1 (4°)
Installed Length	4.1 m (13.5 ft.)
System Height	813 mm (32 in.)
System Width	546 mm (21.5 in.)
Weight Per Module	395 kg (871 lb.)



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**ENERGY ABSORPTION**  
SYSTEMS, INC.

35 East Wacker Drive • Chicago, IL 60601  
Tel: (312) 467-6750 • Fax: (312) 467-9625  
[www.energyabsorption.com](http://www.energyabsorption.com)

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General specifications for the Vulcan Barrier 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.