

REACT 350[®] SYSTEM

A COMPLETE LINE
OF SELF
RESTORING
CRASH CUSHIONS



OVERVIEW

The REACT 350 System features "smart plastic" cylinders made of high molecular weight, high-density polyethylene (HMW/HDPE) plastic. When impacted within the design capacity specified in NCHRP 350, they typically regain over 90% of their shape and capacity without the need to reset the system, allowing the system to take multiple design impacts without maintenance or repair to the system. The REACT 350 System includes a range of units for design speeds from 70 km/h (45mph) to 100 km/h (62mph) and hazards of 910 mm (36"). REACT 350 Wide Systems are also available to protect hazards up to 3m (10')

SATISFIES NCHRP 350, TEST LEVELS 1,2 & 3

The REACT 350 System satisfy NCHRP 350 Test Levels 1,2 & 3 criteria (based on number of cylinders) as redirective, non-gating crash cushions. They are designed to attenuate head-on impacts and redirect side angle impacts.

FEATURES AND BENEFITS

- Able to withstand multiple design impacts without resetting or repair
- Self-restoring and reusable after most impacts
- Pre-assembled at factory for easy installation only minor assembly required at the site
- Minimal maintenance and refurbishment spare parts typically not required
- Low life cycle cost



The REACT 350 System will regain 90% of its original shape after a design impact without maintenance or repair of major components



ENERGY ABSORPTION
SYSTEMS, INC.

SAVING LIVES BY DESIGN[®]

www.energyabsorption.com

REACT 350[®] SYSTEM

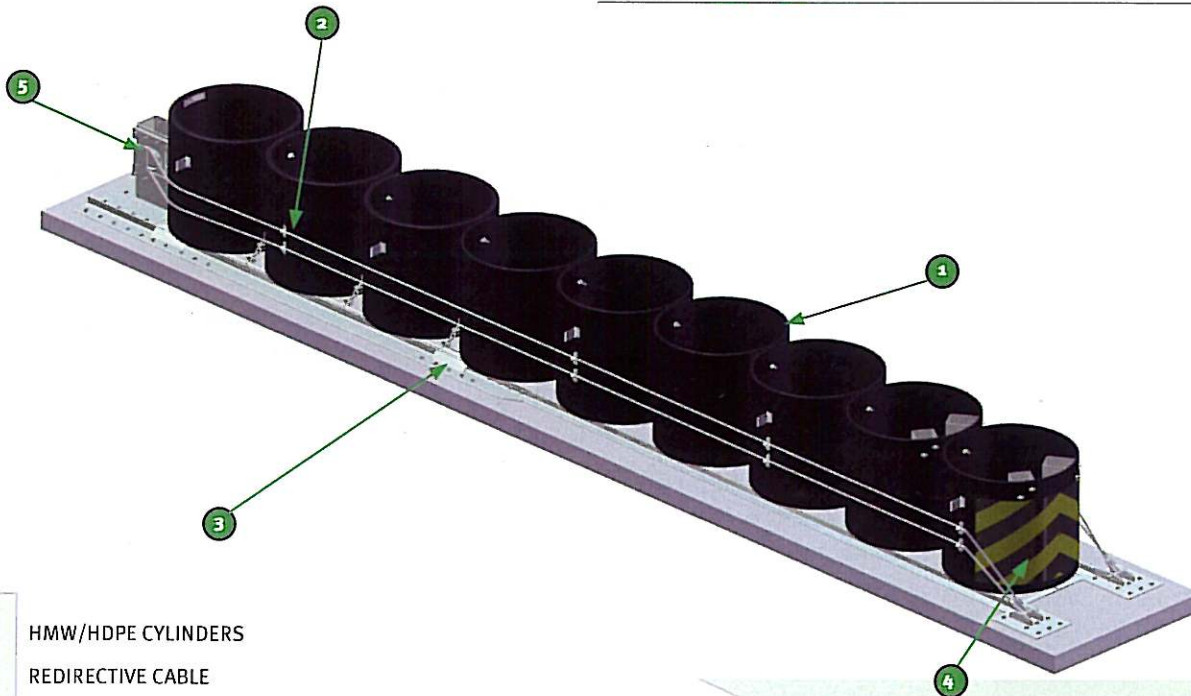
MINIMAL MAINTENANCE AND REFURBISHMENT

The REACT 350 Systems are available with a self-contained backup or a concrete-mounted backup system. The concrete-mounted backup system allows the unit to be attached directly to an existing or new concrete backup at the site. The "smart plastic" cylinders are arranged in different configurations to achieve the required design speed capacity and system width for a specific site.

The REACT 350 SYSTEM has been tested and proven to withstand multiple 100 km/h (62mph) impacts without resetting or repair.

SPECIFICATIONS

Minimum Width at Backup	610.0 mm	(2')
Maximum Width at Backup	3048.0 mm	(10')
Weight (Typical 6-bay unit)	1020. kg	(2255lb.)
Length (typical 6-bay unit)	6.4m	(21')



- 1 HMW/HDPE CYLINDERS
- 2 REDIRECTIVE CABLE
- 3 SIMPLE ANCHORING
- 4 DIRECTIONAL, REFLECTIVE NOSE
- 5 BACKUP

DISTRIBUTED BY:

Contractors Barricade Service
P.O. Box 913
Porter, TX 77365

Phone: (281) 360-6098
Fax: (281) 360-6091
Email: cbs.tx@msn.com

Quixote
Transportation Safety

www.quixtrans.com

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



**ENERGY ABSORPTION
SYSTEMS, INC.**

General Specifications for the REACT 350 Systems 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 System for details.