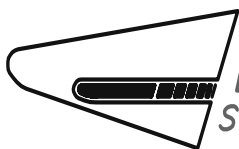


REACT 350[®] (36)



**ENERGY ABSORPTION
SYSTEMS, INC.**

SCI16a

SHEET NO.

DATE:

1 of 2

4/19/05

INTENDED USE

The REACT 350[®] (36) is a highly efficient, redirective, non-gating, reusable crash cushion. This system is capable of shielding hazards up to 3' [914 mm] wide. It consists of a series of "smart plastic" cylinders attached to a steel base track. The term "smart plastic" refers to the memory characteristics of the cylinders. After a design impact as described in NCHRP 350, the system has the ability to recover a major portion of its shape, position and energy absorbing capability.

The REACT 350[®] (36) utilizes various cylinder wall thicknesses to accommodate both light cars and heavier, high-center-of-gravity vehicles. Its modular design allows the system length to be tailored to the specific design speed of the site.

Two backup options are available to further meet specific requirements of each location. A self contained backup is available, or the system can be mounted to a new or existing concrete backup. In some locations, either backup type may be applicable.

- | | | |
|-----------------------------------|----------------|-------------------------|
| • Non-gating | Length: | Varies |
| • Redirecting | Width: | 35.8" [910 mm] |
| • Non-pocketing | Design Speeds: | Up to 70 mph [112 km/h] |
| • Bidirectional or unidirectional | | |
| • High reusability | | |

APPROVALS: http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc-26a.pdf

Contact Information

Corporate Offices:
35 East Wacker Dr., 11th Floor
Chicago, IL 60601-2076
Telephone: (312) 467-6750
FAX: (312) 467-1356
<http://www.energyabsorption.com/>

REACT 350[®] (36)

#SC116a

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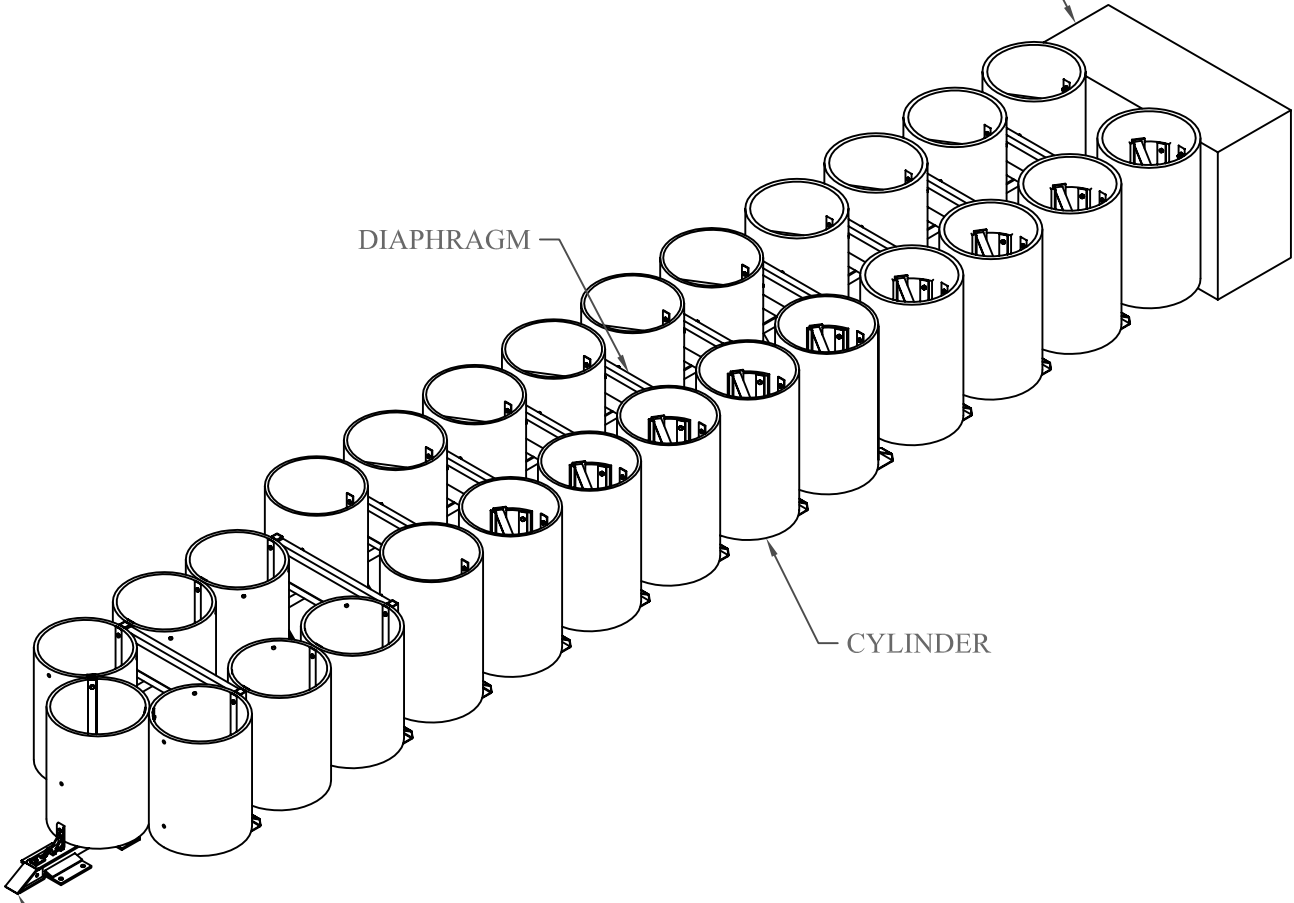


CONCRETE BACKUP SHOWN
(CONCRETE OR STEEL AVAILABLE)

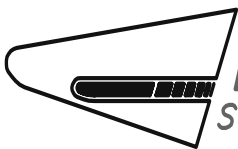
DIAPHRAGM

CYLINDER

MONORAIL



REACT 350[®] (60/96/120) WIDE



**ENERGY ABSORPTION
SYSTEMS, INC.**

SCI16b

SHEET NO.

DATE:

1 of 2

4/12/05

INTENDED USE

The REACT 350[®] (60/96/120) is capable of shielding hazards up to 120" [3078mm] wide. It consists of "smart plastic"* cylinders in rows attached to a monorail via diaphragms. After a design impact as described in NCHRP 350**, the System has the ability to recover a major portion of its shape, position and energy absorbing capability. The REACT 350[®] (60/96/120) utilizes various cylinder wall thicknesses to accommodate both light cars and heavier, high-center-of-gravity vehicles. The System can be mounted to a new or existing concrete backup. It can also be mounted in front of the hazard with a steel backup. Transitions may be required depending on the site conditions.

* The term "smart plastic" refers to the memory characteristics of the cylinders.

** NCHRP Report 350 National Cooperative Highway Research Program Report 350

The REACT 350[®] (60/96/120) are capable of passing the NCHRP 350 TL-3 tests with both the light car and pickup truck at speeds up to 62 mph [100 km/h] at angles up to 20 degrees.

- | | | |
|-----------------------------------|---------------------|-------------------|
| • Non-Gating | Length: | Varies |
| • Redirective | Width: | 60 in [1524 mm] |
| • Non-Pocketing | | 96 in [2438 mm] |
| • Bidirectional or Unidirectional | | 120 in [3048 mm] |
| • High Reusability | Design speeds up to | 70 mph [112 km/h] |

APPROVALS: http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc-50.pdf
http://safety.fhwa.dot.gov/roadway_dept/road_hardware/barriers/pdf/cc73a.pdf

Contact Information

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Chicago, IL 60601-2076
Telephone: (312) 467-6750
FAX: (312) 467-1356
<http://www.energyabsorption.com/>

REACT 350[®] (60/96/120) WIDE

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