



# RAPTOR

## Crash Cushion System for Poles and Trees in Municipal and Rural Areas

### HIGHLY COMPACT NCHRP 350 TL-1 SOLUTION TO SHIELD POLES AND TREES LOCATED ON THE ROADSIDE

The RAPTOR System is designed to reduce the severity of errant vehicle impacts with a utility pole or tree. The RAPTOR System uses weather resistant energy absorbing material surrounded by a UV stabilized polyethylene shell to shield poles and trees located on the roadside. It can be installed at many sites that do not have the space needed for a traditional impact attenuator and does not require a foundation. The RAPTOR 300 & 600 Systems meet NCHRP 350 TL-1 criteria as non-redirective impact attenuators.



### FREQUENTLY ASKED QUESTIONS

#### HOW LONG DOES IT TAKE TO INSTALL A RAPTOR SYSTEM?

An experienced two man crew can install the Raptor System in less than 30 minutes.

#### IS DELINEATION AVAILABLE FOR THE RAPTOR SYSTEM?

The RAPTOR System is not supplied with delineation but can be easily added to comply with local traffic control standards.

#### WHAT TYPE OF HAZARD WILL THE RAPTOR SYSTEM PROTECT?

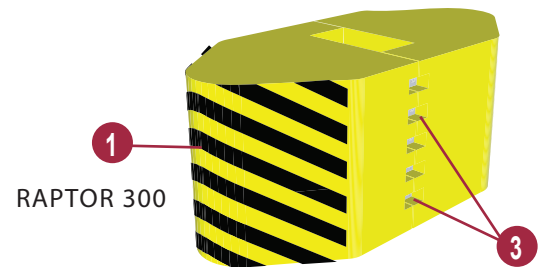
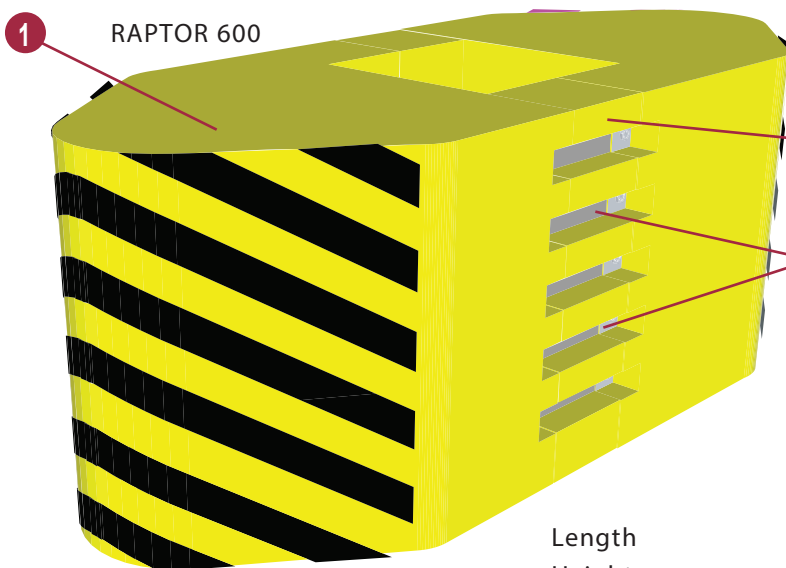
The Raptor System will protect most posts or trees. Two Raptor Systems are available, the smaller 300 System will protect poles or trees with a diameter of 12" (300 mm) and the larger 600 system will protect poles or trees with a diameter of 24" (600 mm).

### FEATURES

- Easily expandable to fit multiple width hazards
- Meets NCHRP 350 TL-1 test criteria
- Reduces the severity of vehicle impacts into trees or utility poles
- Little to no debris scatter
- 12" (300 mm) & 24" (600 mm) sizes available based on hazard diameter
- Easily installed
- Fully recyclable



## RAPTOR™ 300 and 600 Systems



- 1 ENERGY ABSORBING SHELL
- 2 RAPTOR 600 SPACER
- 3 STEEL CONNECTORS

### PHYSICAL SPECIFICATIONS

	RAPTOR 300	RAPTOR 600
Length	97" (2460 mm)	109" (2760 mm)
Height	41" (1050 mm)	41" (1050 mm)
Width	45" (1150 mm)	45" (1150 mm)
Void Size	12 x 23" (300 x 590 mm)	24 x 23" (600 x 590 mm)
Weight	480 lb. (220 Kg)	532lb. (244Kg )