

Smart Crash Cushion

Crash Cushions are vital safety devices incorporated at the ends of barriers and offer contractors a non-gating and fully redirective crash attenuation option for high-speed barrier sites. The SMART Cushion stands out with superior design elements. With its innovative hydraulic porting, the attenuator ensures that the correct level of resistance is used to stop the vehicle before it reaches the end of the cushion's usable length.



Smart Crash Cushion

Designed for durability and safety.
Quick and easy to install.



FEATURES

- **Hydraulic porting:** Ensures the proper resistance to effectively stop vehicles before reaching the end of the cushion’s usable length.
- **Durability and reset ability:** Allowing resets to be performed in less than 30 minutes.
- **Minimised repair needs:** Rarely requires repairs after side impacts, significantly reducing mobilisation and labour costs, as these incidents account for 30% – 40% of roadway incidents.
- **Efficient resetting process:** After an impact, the cushion requires a dual-stage pull-out with the replacement of only two 1/4” shear bolts, facilitating quick resets.
- **Low spare parts inventory:** Requires minimal inventory of spare parts due to the durability of the new side panels and the straightforward frontal impact reset process.
- **Lowest exit angle:** It also has an extremely low angle of exit on side impacts (<1°) to keep vehicles from rebounding back into traffic and causing secondary accidents. This is the lowest angle of exit for any re-directive attenuator on the market.

SPECIFICATIONS

CONTAINMENT LEVELS

MASH TL3	Designed for a 2270 kg pick-up truck at 100km/h
MASH TL2	Designed for a 2270 kg pick-up truck at 70km/h

SYSTEM SPECIFICATIONS

System Length	6.93m (TL3) 4.33m (TL2)
System Height	830mm (TL3 and TL2)
System Width	877mm (TL3 and TL2)
Max Hazard Width	762mm (TL3 and TL2)
System Mass	1135kg (TL3) 770kg (TL2)

CONSTRUCTION AND INSTALLATION

System Finish	Hot dip galvanised for durability
Ground Surface	Suitable for concrete or asphalt
Number of Anchor	25 off M20 for concrete 53 off M20 for asphalt

For more information and specialist advice contact your Account Manager or local branch hub on 134040.

