



# SLED™ Mini

## MASH Approved End Treatment

SLED Mini™ by TraFix Devices, is a MASH Approved End Treatment for lower speed zone applications (50km and 70km). The SLED Mini™ can be connected to several barrier systems in use in New Zealand; TraFix Water-Cable Barrier™ (MASH TL-1 & TL-2), Concrete Median Barrier (MASH TL-2) and the TraFix Water-Wall Barrier (NCHRP-350 TL-1).

The SLED Mini™ is designed to deform and rupture on impact, absorbing the energy of the impacting vehicle. The narrow width is ideal for limited shoulder space. It is free standing and can be installed quickly, reducing worker exposure time. It does not require foundation anchor bolts to be attached to the road.

- \* **Approved for use in New Zealand**
- \* **Designed for Lower Speed Zones**
- \* **Narrow & Compact for Limited Space**
- \* **Complete System is Free Standing**
- \* **See M23 Appendix C for more details**



### Features & Benefits

- Quick and easy setup minimizes installation and worker exposure time
- No foundation anchoring required. Complete system is free standing
- Narrow width is ideal for limited shoulder space and lower speed applications
- Compact design eliminates vaulting of the impacting vehicle
- Containment Impact SLED (CIS) minimizes debris field
- MASH approved for TraFix Water-Cable Barrier (TL-1 & TL-2) & Concrete (TL-2)
- SLED™ Mini is a non-directive, gating crash cushion





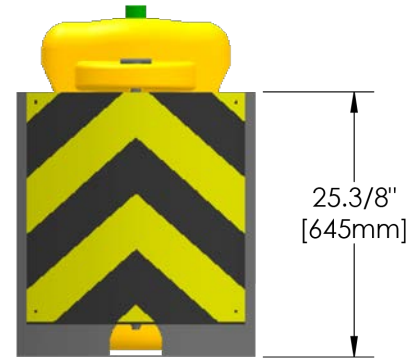
# Product Specifications

## SLED Mini - Containment Impact SLED (CIS)

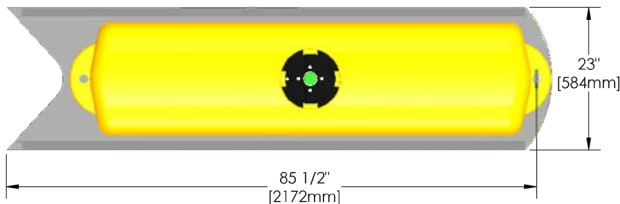
The CIS includes a Yellow Module and Steel Frame. The Yellow Module must be filled with water when in use.



Yellow Module Height



Front View: CIS Frame Height



Top down View: CIS Frame Length & Width



## Technical Information

<b>Dimensions - CIS Steel Frame Only</b>	Width: 584 mm Height: 645 mm Length: 2172 mm
<b>Dimensions - Yellow Module Only</b>	Width: 457 mm Height: 812 mm Length: 1854 mm pin to pin
<b>Weight - CIS Steel Frame Only</b>	70 kg
<b>Weight - Yellow Module Only</b>	Empty: 47 kg Full: 500 kg
<b>Water Fill Capacity (Volume)</b>	466 Litres
<b>Water Fill Hole Diameter</b>	203mm
<b>Operating Conditions</b>	TL-1: Maximum 50kph TL-2: Maximum 70kph

## Approved Barrier Systems

<b>Approved Barrier Systems (Connected to)</b>	TraFFix Water-Cable Barrier (MASH TL-1 & TL-2)
	Concrete Barrier (MASH TL-2)
	Water-Wall Barrier (NCHRP-350 TL-1)
<b>Length of Need (LON)</b>	TraFFix Water-Cable Barrier: Mini SLED plus 10 TraFFix Water-Cable Barrier Units
	Concrete Barrier: Tested with 16 metres. TraFFix recommends LON follows barrier manufacturers requirements. Some barrier manufacturers specify their own LON.
	TraFFix Water-Wall Barrier: Mini-SLED plus 10 Water-Wall Barrier Units