

Hercules TL-3 Parallel

Crash Cushion, MASH 2016 TL-3 (US Federal Highway standard), Parallel

TECHNICAL FEATURES

Description

MASH 2016 TL-3 compliant, non-gating and fully redirective crash cushion tested with a 2270 kg pickup truck. Delivered pre-assembled, it installs with only 12 anchoring points on concrete or asphalt and is fully repairable after impact. Compatible with concrete and steel barriers, FHWA eligible for federal aid funds and connectable to the smart monitoring app.

MASH TL-3
Compliant

Non-Gating
No pass-through

Fully Redirective
Z-class

Repairable
Reusable

FHWA
Eligible

PRODUCT FEATURES	
Category	Crash Cushions, Redirective
Product type	MASH TL-3 crash cushion, parallel
Application	Permanent obstacle protection, MASH markets
Gating behaviour	Non-gating (vehicle is not allowed to pass through)
Redirection	Fully redirective
Barrier compatibility	Concrete and steel barriers
Installation surface	Concrete and asphalt
Repairability	Fully repairable after impact
Delivery condition	Pre-assembled
Smart integration	Connectable to the smart monitoring app

APPROVALS & TESTING	
Test standard	MASH 2016 (Manual for Assessing Safety Hardware)
Test level	TL-3 (Test Level 3)
Test vehicle	2270 kg pickup truck
Certification	MASH 2016 TL-3 compliant
Federal aid	FHWA eligible for Federal Aid Funds

DIMENSIONS	
Component	Value
Length	5900 mm
Anchoring points	12
Width, height, weight	See manufacturer datasheet

Hercules TL-3 Parallel requires 12 anchoring points compared with 42 to 53 for comparable MASH TL-3 cushions, which shortens installation and repair time. A TL-2 Parallel variant is available on request.



CRASH-TEST VIDEOS

TL-3 Parallel crash tests: vimeo.com/741816686/cd323f5e53
TL-2 Parallel crash tests: vimeo.com/741816539/85cfc6100