www.rtl.co.nz 0800 785 744 sales@rtl.co.nz

Scorpion II C-90 TMA

One of New Zealand's most widely used MASH TL-3 TMAs

The Scorpion II C-90 is a proven MASH TL-3 TMA, accepted under NZTA M23 Appendix C for use on both TL-2 and TL-3 roads. The C-90 features modular construction and has no upper TMA truck weight restriction. With RTL's local parts stock and dedicated service & support helping to reduce repair costs and downtime, it's easy to see why the C-90 has become one of New Zealand's most widely used MASH TL-3 TMAs.

*** NZTA Accepted TL-3** *** No Upper Truck Weight Limit** *** Modular Construction**

TrafFix Devices Inc. MASH
Manual for Assessing Safety Hardware
TESTED, PASSED AND ELIGIBLE

Features & Benefits

Modular Parts & Repair
Individual damaged components can be replaced rather than the complete attenuator. Supported by RTL's local parts stock and Service team, this helps reduce repair costs, minimise downtime and get the TMA back on the road sooner.

No Maximum Truck Weight Restriction
With a minimum truck weight of 6,804kg and no upper TMA weight restriction, the C-90 provides much greater flexibility when choosing a truck for your TMA.

Progressive Energy Absorption
Energy-absorbing modules crush progressively during an impact to decelerate the impacting vehicle and help protect road workers and road users.

Full-Width Impact Protection
The curved aluminium tube design provides impact protection across the width of the TMA and helps redirect impacting vehicles away from the rear corners of the truck.

Single-Movement Operation
The C-90 moves between its vertical stored and deployed positions in a single movement, providing straightforward operation for TMA crews.

Building or Upgrading a TMA Truck?

Building a new TMA truck or replacing an existing attenuator? RTL can assist with new installations, Blade to Scorpion conversions and upgrades from older NCHRP-350 units to current MASH Scorpion models. Talk to the RTL team about the right Scorpion setup for your truck and operation. Call 0800 785 744 or email sales@rtl.co.nz

Scorpion II C-90: Protecting crews and road users with proven performance.

V1.7 September 2026

Stock code: ECTL3100C90

Dimensions & Weights

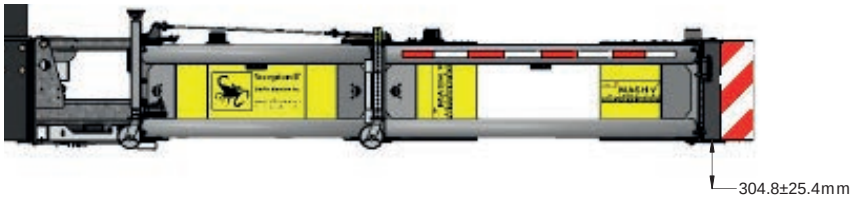
Length of TMA	3829mm
Length from truck end	4480mm
Width	2438mm
Height	4295mm
Minimum truck weight (Tare)	6804kg
Maximum truck weight (Tare)	No Limit

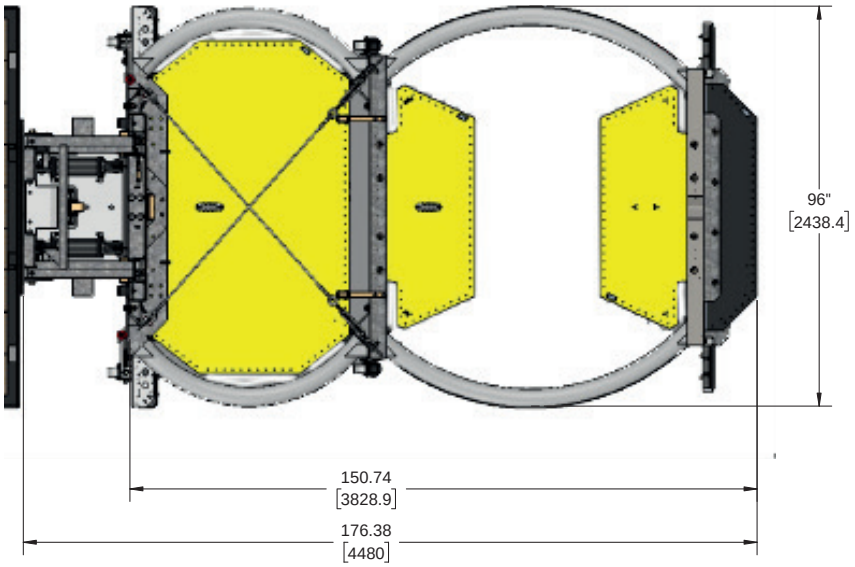
Annual & Post-Impact Inspections

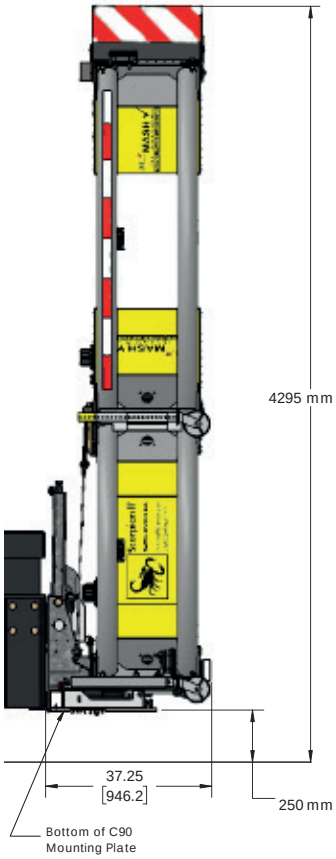
Keep your Scorpion TMA inspection current with an annual inspection by the RTL service team.

Post-impact inspections are also available when required. Find out more about TMA Inspections

Drawings







Installation, Maintenance & Servicing

For further technical and installation information, refer to the Scorpion II C-90 Installation Manual on our website.

TMAs require regular maintenance. RTL recommends daily checks, monthly greasing, annual TMA inspections, and pivot pin replacement every two years. Note: High-Use C-90 TMAs must follow the Accelerated Maintenance Schedule and have pivot pins replaced every 18 months.

Book Online: www.rtl.co.nz/book-a-service or for more information, visit www.rtl.co.nz or contact the RTL team.

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This TMA is designed as a crash attenuator only. It must not be used as a mobile barrier or for any other purpose outside of crash attenuation and should only be deployed at speeds up to 50 km/h. Any use outside these conditions will void the warranty.