



# Scorpion® SIMPLY THE BEST

**BEST SAFETY RECORD  
BEST SUPPORT  
BEST TMA'S**

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# THE FACTS

 **Scorpion® &  
Scorpion II®**

**SAVING LIVES WORLDWIDE FOR OVER 20 YEARS**

We have recently seen marketing material from a manufacturer in the Netherlands, (will be referred to as the Dutch Product), that is disseminating information on our product which is not factual and misleading.

This misinformation has prompted us to provide users, distributors, and road authorities with **THE FACTS** regarding our Scorpion & Scorpion II Truck Mounted Attenuator.



FIRST MASH ELIGIBLE TMA  
(CC-132, 6.15.17)  
FIRST MASH ELIGIBLE TA  
(CC-138, 9.15.17)



# ACTUAL DIMENSIONS

## LENGTH



13.83 FT

**SHORTEST LENGTH**

EASIER TO DRIVE

LESS INCIDENTAL IMPACTS



21.55 FT

SCORPION 13.83 FT

DUTCH 21.55 FT

\* Length measured from back of the truck when deployed

## WIDTH



7.56 FT

**WIDEST IN THE INDUSTRY**

FULL WIDTH PROTECTION

REDIRECTS IMPACTING VEHICLE



7.96 FT

## HEIGHT



12.92 FT

**LOWEST IN THE INDUSTRY**

DRIVES COMFORTABLY

REDUCES DRAG

INCREASES FUEL ECONOMY



10.5 FT

\* Height measured from ground when stored

## GROUND CLEARANCE



DUTCH

Shallow angle of departure and over 21' in length can bottom out and be damaged when driving over bumps and uneven surfaces



SCORPION

**AMPLE SPACE FROM THE GROUND**

RARELY BOTTOMS OUT

NO JOCKEY WHEELS

## RELIABILITY

Keep it Simple ... with the Scorpion

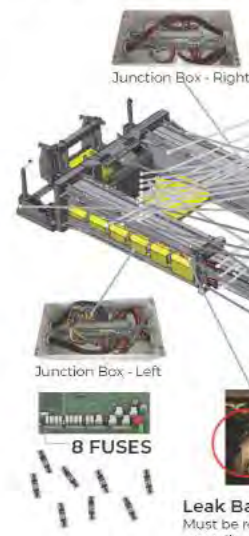
### COMPLEX

DUTCH

|    |                                                  |     |
|----|--------------------------------------------------|-----|
| 2  | SERVICE REQ / YEAR                               | 0.5 |
| 16 | SENSORS                                          | 0   |
| 8  | FUSES                                            | 1   |
| 2  | GEAR MOTORS & RACKS                              | 0   |
| 4  | ELECTRICAL                                       | 1   |
| 1  | PC BOARDS                                        | 0   |
| 6  | ACTUATORS                                        | 0   |
| 39 | TOTAL COMPONENTS TO TROUBLESHOOT, MAINTAIN, ETC. | 2.5 |

### SCORPION SIMPLE

1 FUSE



Leak Bag for the PC Board  
Must be replaced every 12 months, according to manufacturers recommendation

NOTE: THESE ARE JUST THE ONES WE HAVE SEEN AND KNOW OF, THERE COULD BE MORE

## POST IMPACT REPAIR

Modular and easy to repair



The above was repaired and returned to service in 2 hours.

HIGHWAY ENGINEERING AUSTRALIA — AUGUST 2016  
"Scorpion® TMA's not only deliver outstanding work site protection for workers and motorists alike, they have also been designed to overcome the cost and inconvenience of having to replace the entire unit even after only a minor or medium level impact... The key to their performance capabilities - both in minor and severe impacts - lies within their unique modular design."

## INFINITE WEIGHT

SCORPION SAFELY MET THE TOUGHER TESTING REGIMEN OUTLINED BY MASH STANDARDS AND DEMONSTRATED THAT IT ABSORBS THE FULL IMPACT IN THE MOST EXTREME CIRCUMSTANCES WITHOUT THE BENEFIT OF HOST VEHICLE ROLL AHEAD.

SCORPION TMA ABSORBS 100% OF THE IMPACT WITHOUT THE AID OF THE HOST VEHICLE

SCORPION MASH TEST 3-52



Bolted down per MASH 3.4.2.3,

MASH 4.2.3 &

MASH 2016

Appendix

Section A2.2.3



ROLL AHEAD: 0 FEET

| TMA HOST VEHICLE WEIGHT RANGES | MINIMUM:    | MAXIMUM:    |
|--------------------------------|-------------|-------------|
| SCORPION                       | 16,000 lbs. | unlimited   |
| SCORPION II                    | 15,000 lbs. | unlimited   |
| DUTCH                          | 16,010 lbs. | 22,120 lbs. |

THIS INFINITE WEIGHT CERTIFICATION ALLOWS SCORPION II TMA TO BE MOUNTED ON THE LARGEST VARIETY OF TRUCKS, FROM 15,000 LBS MINIMUM WITH NO MAXIMUM WEIGHT LIMIT.

DUTCH MASH TEST 3-52



ROLL AHEAD: 11.33 FEET

## DEBRIS FIELD

20 years of impacts have demonstrated and proven that when impacted, the Scorpion's modular design and curved side aluminum tubes contain the debris collected between the host vehicle and impacting vehicle, making for a safer post impact crash scene for workers and first responders and is also easier to transport back to the shop for repairing.

DUTCH UNCONTAINED



SCORPION CONTAINED

