



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



SHORTEST LENGTH

EASIER TO DRIVE

LESS INCIDENTAL IMPACTS



21.55 FT



* Length measured from back of the truck when deployed

WIDTH



WIDEST IN THE INDUSTRY

FULL WIDTH PROTECTION

REDIRECTS IMPACTING VEHICLE



7.96 FT

HEIGHT



LOWEST IN THE INDUSTRY

DRIVES COMFORTABLY

REDUCES DRAG

INCREASES FUEL ECONOMY

12.92 FT



10.5 FT

* Height measured from ground when stored

GROUND CLEARANCE



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



AMPLE SPACE FROM THE GROUND

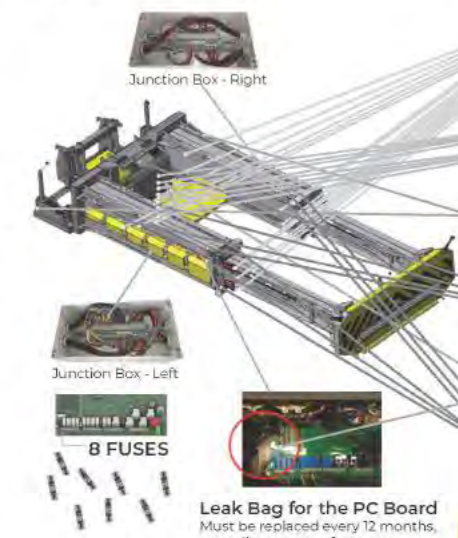
RARELY BOTTOMS OUT

NO JOCKEY WHEELS

RELIABILITY

Keep it Simple ... with the Scorpion

COMPLEX



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

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



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

