



ADVANCING SAFETY





A NEW LEVEL OF SAFETY

G4™, E-ONE's exclusive electronic stability control system, ensures you make it to the scene quickly and safely, even when you're behind the wheel of the heaviest of vehicles. G4 utilizes sensors on each wheel to constantly monitor driving conditions. When critical lateral acceleration is detected or if the tires begin to slip, the system intervenes. Available on all custom chassis, G4 adjusts power and braking using roll stability control, anti-lock brakes and automatic traction control. The result: more stability during evasive maneuvers and more confidence behind the wheel.

SAFETY IS NEVER SECONDARY

You are in the business of ensuring safety – from the safety of those who call on you to that of the crew that supports you. At E-ONE, we understand that and we work hard to give you the backup you need. We've put our experience to use in developing some of the most advanced safety systems on the market, but we continue to develop the next generation of safety features. Because when it comes to protecting lives, safety is what drives us.





READY FOR THE UNTHINKABLE



When the unthinkable happens, it's best to be prepared. With that in mind, E-ONE teamed with LifeGuard Technologies, a division of IMMI, the leading provider of advanced safety systems for fire apparatus. Working together, we integrated a state-of-the-art rollover protection system into our proven chassis design. When a rollover event is inevitable, roll sensors activate the system, tightening the seat belts to secure firefighters in their seats and deploying side airbags to cushion the heads and necks of firefighters riding at each front and rear outboard location.

And to better hold crewmembers in place, we've also developed a unique tether system that secures the ABTS seat backs to the rigid cab structure. By being connected to a sturdier structure the seats experience less deflection, increasing occupant safety.



BE THE OVERPROTECTIVE TYPE

E-ONE's CrewGuard™ occupant detection system gives the driver the ability to know which occupant is buckled up and who needs to fasten their belt. Meeting NFPA sequencing requirements, CrewGuard uses an audible warning and easy-to-read visual display to help the operator ensure crew safety.



TESTED FROM EVERY ANGLE

To protect you from the unexpected, E-ONE vigorously examines the strength of our cab designs through a series of third-party crash tests. For these evaluations, E-ONE works with the Center for Advanced Product Evaluation (CAPE). Part of IMMI, CAPE employs state-of-the-art test centers to conduct intensive evaluations, examining cabs to certify they meet strict E-ONE requirements for crashworthiness.



Cab designs are tested and must first pass a series of demanding tests such as a side-impact pre-load, a quasi-static roof strength and a frontal impact. Not only do our cabs pass, but they exceed SAE and ECE requirements. Why do we put our cab designs through such intense trials? Because when it comes to safety, we believe "good enough" is never good enough.





PUTTING CONTROL TO THE TEST



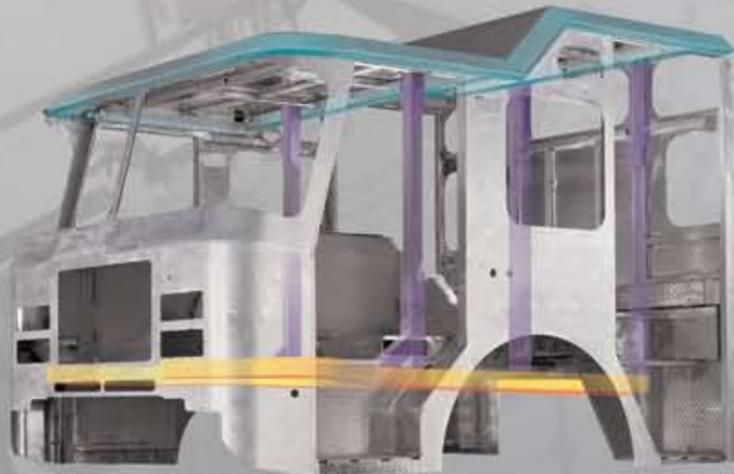
Our extruded aluminum aerial construction allows us to produce an aerial with an exceptionally low center of gravity. Combine this construction technique with our integral torque box and it results in some of the best handling vehicles in the industry.

E-ONE aerial designs are validated by tilt-table testing and E-ONE is one of the few manufacturers to have an onsite tilt table. Although not an NFPA requirement, we conduct this test for two very important reasons: to ensure stability and to instill confidence.

TAKE A LOOK AT ALL-AROUND PROTECTION

We understand unobstructed sightlines can be invaluable when heading to a scene. With an expansive 3,728 square inches of unobstructed front windshield and wipers that clear the sightline to the easy-to-see cab-corner mirrors, the Quest provides impressive visibility where it counts. We also take this eyes-on-the-road approach to the interior with accessible controls and strategically placed gauges.

You'll find our dedication to complete protection in the designs of our cabs as well. Every E-ONE cab is built with a structural cage design, featuring heavy-duty perimeter roof extrusions supported by twin vertical columns. The result is a cab that proves its strength when it's most important.



UNMATCHED STABILITY STARTS HERE



Through advanced engineering and innovative design, we produce aerials that boast a structural safety factor of 2.5 to 1. This incredible performance is one of the main reasons we are the only manufacturer never to have had an aerial structural failure. It's just one more way we bring safety to the scene.





*When lives are in the balance and seconds count,
we must question everything.*

For a Dealer nearest you contact us at e-one.com or call 352.237.1122

A Subsidiary of Federal Signal Corporation | ©2008 E-ONE, Inc.

804-11-101