WE INNOVATE EVERY DAY.

e-one.com

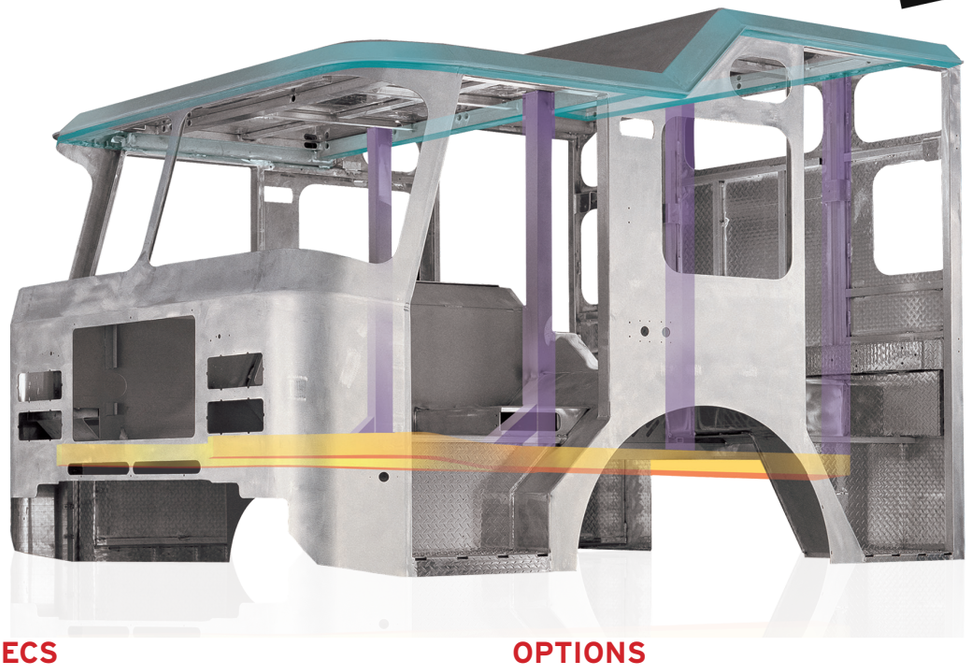
CYCLONE CHASSIS

SPECIFICATIONS

TESTED IN THE LAB. PROVEN IN THE FIELD.

Each E-ONE cab is designed and built with a structural cage design to provide maximum protection and comfort for firefighters. Structural extrusions including sub-frames, a full flange wishbone frame rail, center uprights, and crossbeam extrusions are engineered for optimum performance. Horizontal and vertical supports handle severe vertical loads which can occur in accidents. The perimeter skin material is made of 3/16" aluminum-alloy sheet for added strength, including doors.

Whether it's a 10.25" c-channel frame pumper or the exclusive integral torque box frame, the Cyclone II offers one of the best handling chassis in the industry. The Cyclone is available in five cab lengths - 44.5", 58", 67.5", 74" or 80" - and three vista roof heights - 12" 16" or 20".



QUICK SPECS

- 330-600 Cummins® HP engines
- Allison® EVS 3000 or 4000 transmission
- Meritor® axles with up to 22,800 front and 62,000 rear GVW rating
- Up to 640 AMP (dual) or 430 AMP (single) altenator
- 45 degree cramp angle
- S-CAM brakes with ABS standard
- Taper leaf spring front suspension standard; multi-leaf rear suspension
- Seating for up to 10

FEATURES

- Built-in roll cage cab design
- Cab roof supports more than five times the NFPA/SAE requirements
- Cab sub-frame locked together in front by C-channel extrusion and reinforced by multiple cross members below rear cab floor
- All-welded construction. No adhesives. No formed panels. No fiberglass nose.
- Constructed with four-sided seamless extrusions interlocked and welded to 3/16" aluminum plating on the floors, rear walls, side walls, doors, door skins and roof
- C-channel frame 10.25" x 3.5" .375" with 110,000 psi heat treated steel and 16.61 cubic inch section modules deliver 1,827,045 inch pounds resistance to bending moment to offer a lifetime warranty that includes cross members

OPTIONS

- Engines: Cummins ISL370 HP, ISL400 HP, ISL450 HP, ISX12 450 HP, ISX12 500 HP, ISX15 550 HP, ISX15 600 HP
- Full length or barrier style doors
- G4 ™ Electronic Stability Control
- Airbags
- 17" front and rear disc brakes
- Interior, exterior, or dual access medical cabinets
- Severe duty interior
- 44.5", 58", 67.5", 74" or 80" cab lengths
- 12", 16", or 20" vista roof heights
- Other unique cab options: split raised roof for aerials, low travel height aerial cab, and enclosed top-mount
- Various bumper styles including polished stainless steel and severe-duty painted steel C-channel
- Front drive axle
- Air ride suspension
- Independent Front Suspension (IFS) for improved ride