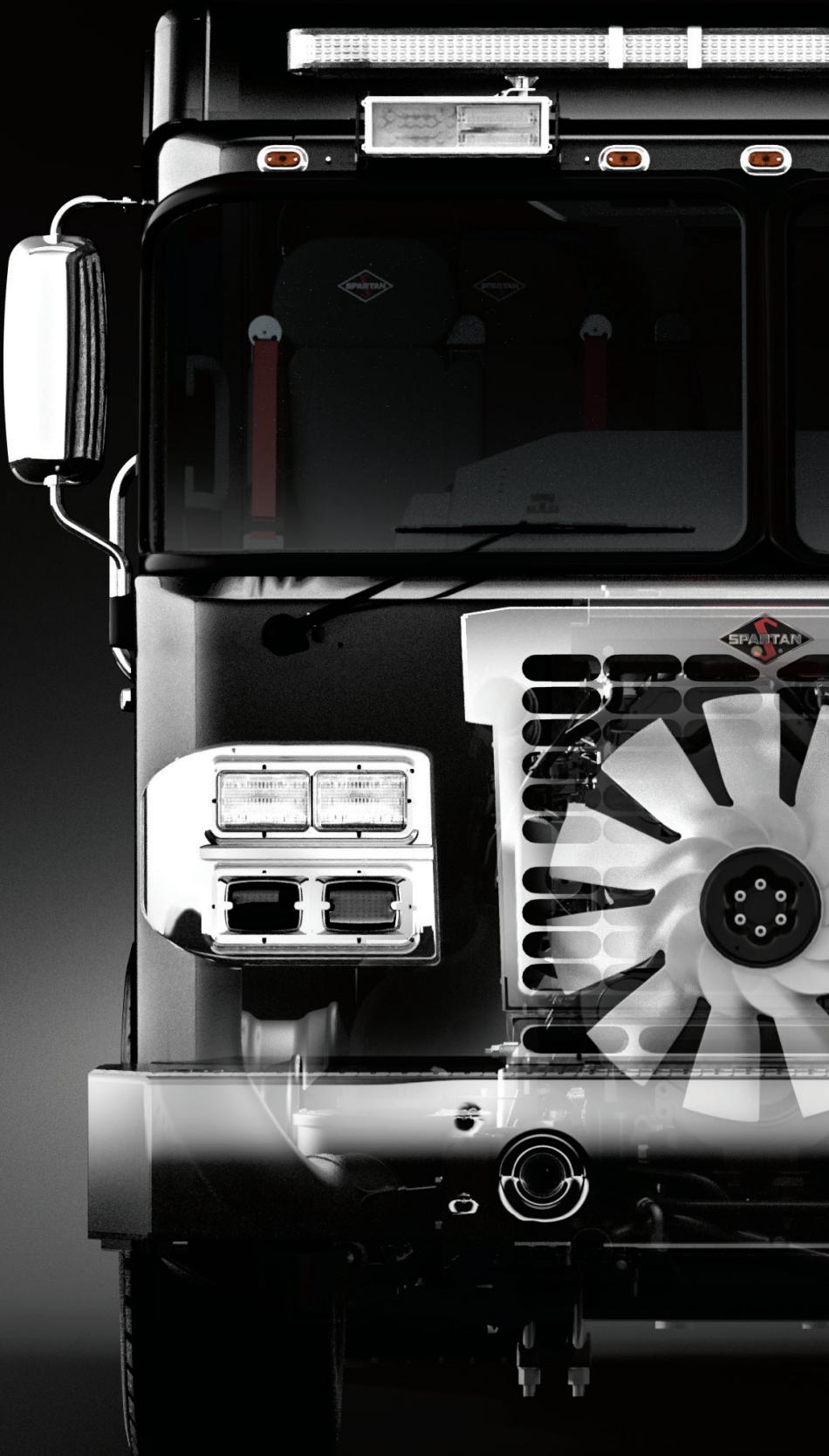




CAB + CHASSIS

**SAFETY
BUILT ON
A SOLID
FOUNDATION.**



**DRIVEN TO
RESPOND.**



Every response rides on a foundation of strength.

Responses are challenging. Much is at stake. Trucks are traveling fast, making tight turns, loaded with heavy equipment and carrying the department's most valuable asset: the crew. With so much riding on every response, make sure it sits on a premier foundation. Spartan Emergency Response has been a driving force in the manufacturing of custom cab chassis since 1975. Many factors go into a successful apparatus. With Spartan, you know you'll start building that success from the road up.

Our chassis begin with a strong foundation, using custom production methods and materials that build the most highly engineered frame in the industry. And while our chassis can handle heavy-duty applications, it can also maneuver swiftly, with one of the tightest turn radii on the market. Our cabs are built to keep the crews comfortable and safe with high rooflines, flat floors, Advanced Climate Control systems, and the industry's first advanced safety system.



**IT'S A FORTRESS
ON WHEELS.**







Spartan Advanced Protection System®

If the crew doesn't arrive on the scene safely, even more lives hang in the balance. At Spartan, we face reality head on with cabs that feature the most advanced safety provisions available in the market today.

The Spartan Advanced Protection System® (APS) is the #1 safety system in the industry. Designed and purpose-built for firefighters, it combines forward-thinking apparatus safety, developed around the needs of the first responder. This market-leading system includes:

- Eight airbag positions, the most offered by any OEM, including knee and side curtain airbags. These give your apparatus the highest available impact and anti-ejection protection on the market.
- Innovative seat belt systems and outboard sensors that enable an intelligent restraint control, dramatically reducing restraint system injuries.
- Ergonomic driver controls that help ensure safe and easy operation of the vehicle, because the drive to a rescue should never require its own rescue.
- Third party testing to ensure cab safety from every perspective. We test for roof crush, front impact, roll stability control, airbags, seat mounting and seat belt restraint system validation.
- Added hip room and tunnel height provide more space for both driver and officer.

Safe and Spacious Cabs.

At Spartan, we've designed with firefighters in mind by offering the most spacious and ergonomic cabs in the industry.

Flat floors, low step heights, and taller, wider cab doors allow firefighters to get in and out quickly at the scene. The Spartan raised roof extends over the driver and officer, making it easier to maneuver within the cab. We've even optimized the engine tunnel to increase leg and hip room for the front seats, while giving more floor space to the rear crew. Our cabs can comfortably seat up to 10 crew members.

Designed to be quieter and more comfortable, we've maximized every square inch of our cabs without increasing the 99" width.



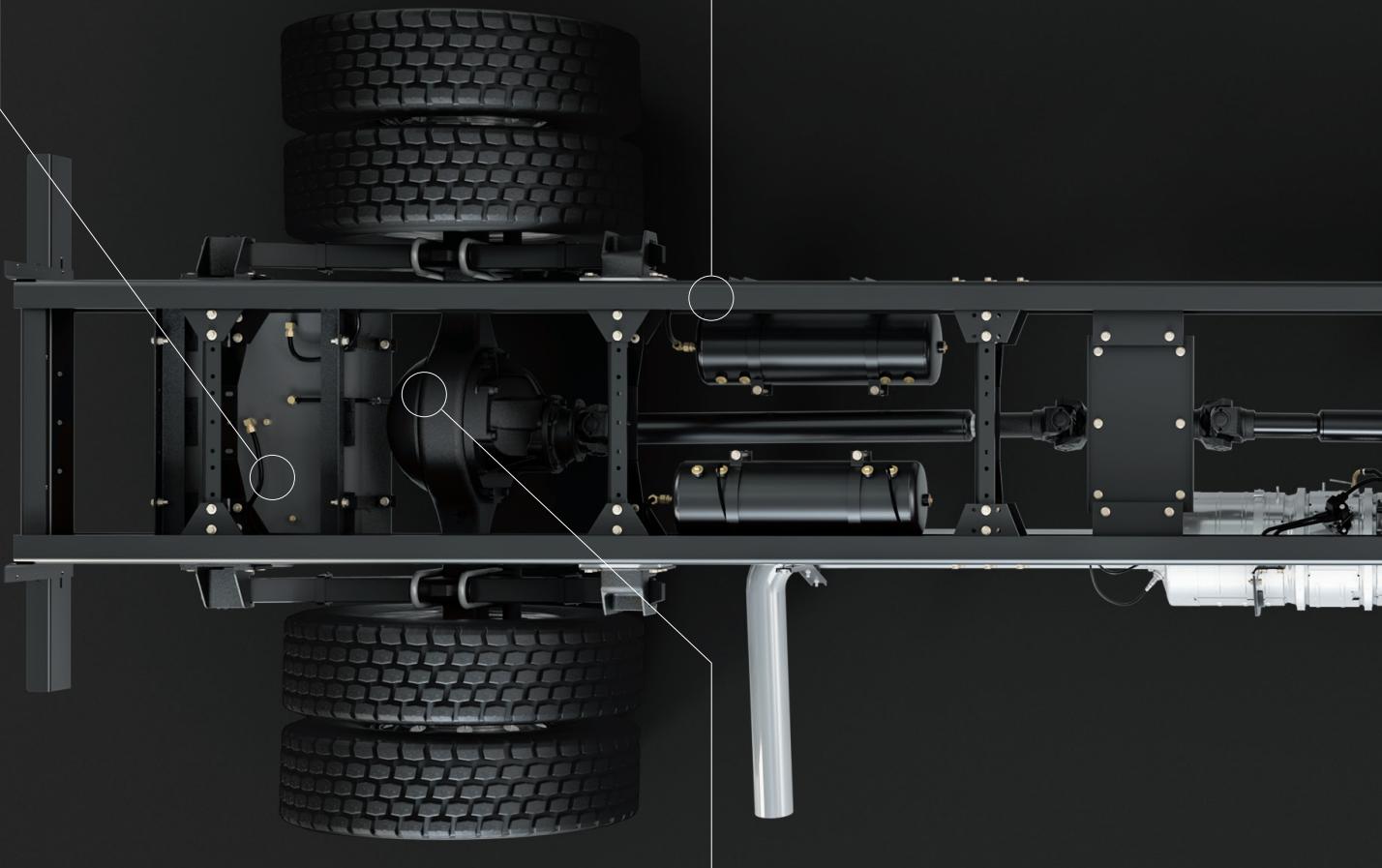
IT'S A FORTRESS ON WHEELS.

Spartan Production System

Quality, lean and continuous improvement systems plus foundational engineering lead to the best quality cab/chassis available in the industry. We inspect and evaluate the fit and finish of every cab and chassis, paying particular attention to the components that crew members use most often so they can stand up to ongoing vocational demands.

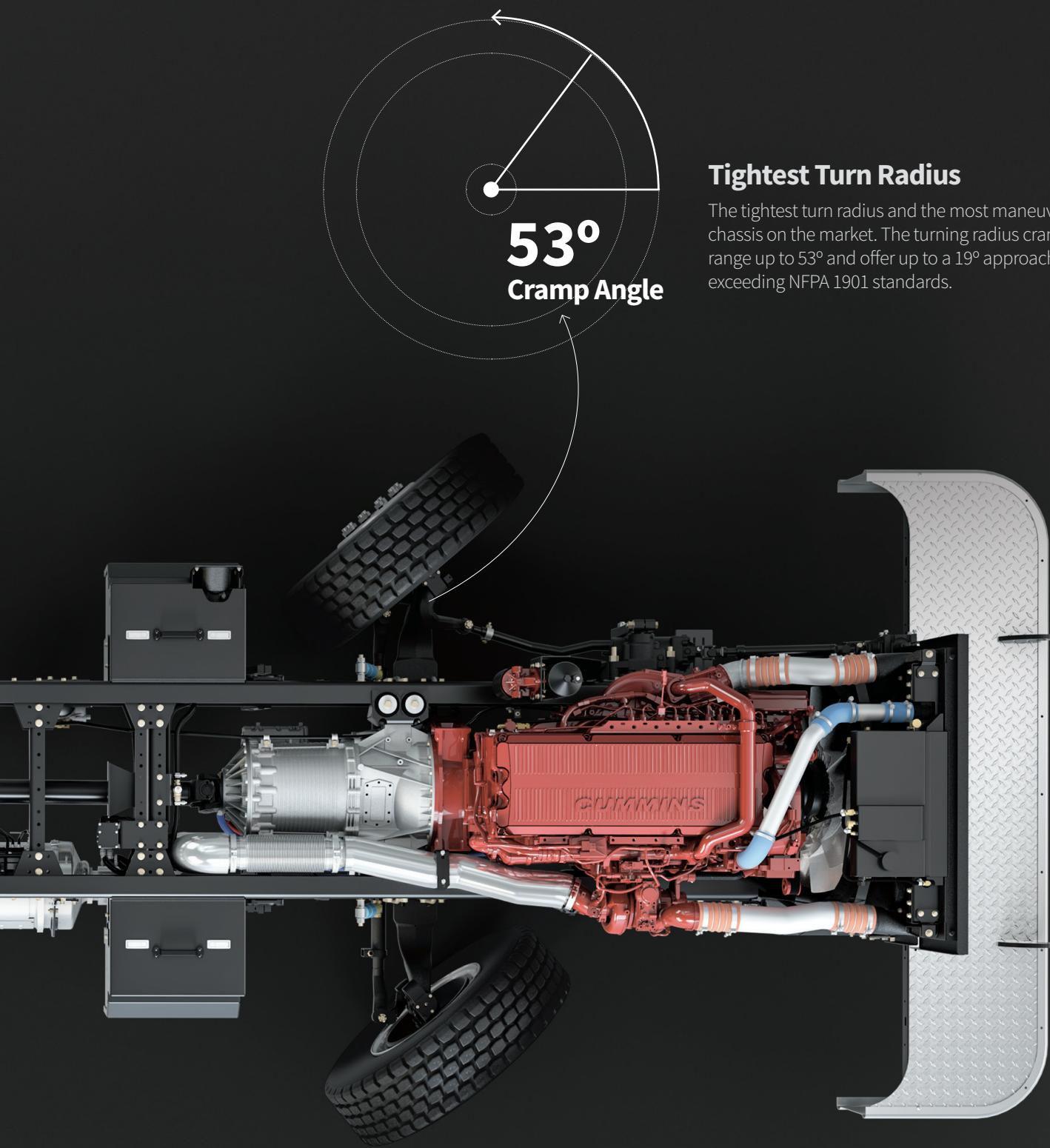
Remarkable Strength

Spartan offers a high-strength low alloy steel frame; single, double, and triple liners available. Vocational-leading frame coatings offering anti-corrosive protection including optional fully galvanized frame assembly. Cross-members are gusseted and mounted with grade-eight flanged fasteners. Finite Element Analysis (FEA) validates the strength and performance by monitoring stress points for material efficiency, and strain gauge analysis testing verifies the structural integrity and compliance with NFPA design standards. Limited Lifetime warranty* on all frame-rails and cross-members.



Exceptional Weight Capacity

The weight capacity to withstand heavy-duty applications such as aerials and pumbers.



Tightest Turn Radius

The tightest turn radius and the most maneuverable chassis on the market. The turning radius cramp angles range up to 53° and offer up to a 19° approach angle, exceeding NFPA 1901 standards.



Independent Front Suspension

Spartan's emergency response cab and chassis have a heightened level of control and maneuverability due to a wide range of leaf spring or air IFS suspension offerings. Both systems are ideal for carrying the heaviest of loads and help reduce steering effort while maneuvering safely through crowded intersections and tight corners.

Spartan Advanced Climate Control.

Spartan's well-designed cabs also offer the industry's best HVAC system—creating a safer and more comfortable environment for firefighters working in any kind of climate.

Enduring over 20,000 miles of performance and durability testing, Spartan's Advanced Climate Control System exceeds standard performance requirements and maintains a comfortable cab, no matter the condition. It's innovative design helps cool and heat the cab interior aggressively while distributing air volume evenly to all occupants. It also quickly and effectively evacuates condensate, defrosts/defogs and clears flash fogging. All to keep firefighters comfortable and safe to and from every response.



-40° in 30 Minutes

Spartan's Advanced Climate Control System reduces interior cabin air temperature from 122° F (+/- 3° F) to 80° F in 30 minutes.*



+ 232% Air Velocity

Air velocity has been improved an average of 232%. This distributes AC or heat throughout the cab and to all occupants more evenly and quickly.



0 Condensation

In testing, with AC on MAX for 1 hour with the doors open at 90° F and 95% relative humidity, all condensate generated by the system had been drained outside of the vehicle.



+80° in 30 Minutes

With the cabin air temp at 0°F, the foot area average air temperature reaches 80°F within 30 minutes.



30-Second Defogging

When in defog mode, the system clears the windshield and the front side glass of any flash fogging in 30 seconds or less. The normal defrost mode pushes air to the windshield and side glass and defrosts in a matter of minutes, even in a fully frosted condition.



More Ways to Make the Right Choice.

Offering a range of 4x2, 4x4, and 6x4 configurations, horsepower options, wheelbase dimensions, and weight capacities to meet the specific needs of your station's environment — whether it's urban with tight roads, suburban or rural, off-road. We've got the right chassis to fit any department's needs.



Gladiator®

Available in ER, LTD, SMFD, MFD, EMFD, LFD, and ELFD cab styles.

- 99" wide aluminum cab
- 400-600 hp
- Seats up to 10
- IFS or Leaf Spring Front Suspension
- 42°-53° Cramp Angle
- 270-430 Amp Alternator
- 136"-303.5" Wheelbase

Metro Star®

Available in ER, LTD, SMFD, MFD, EMFD, LFD, and ELFD cab styles.

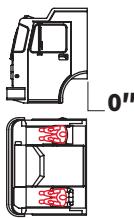
- 94" wide aluminum cab
- 380-450 hp
- Seats up to 10
- IFS or Leaf Spring Front Suspension
- 42°-53° Cramp Angle
- 270-360 Amp Alternator
- 136"-303.5" Wheelbase

Roof & Seating Options.

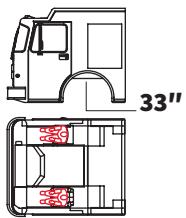
Spartan offers flat, 5', 10', 20', and 24' raised roof options as well as multiple seating configurations to provide your crew with extended legroom, improved visibility, and additional storage.

Seating Configurations.

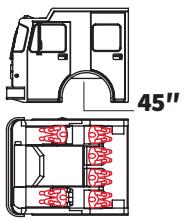
ER



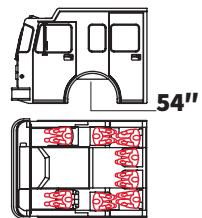
LTD



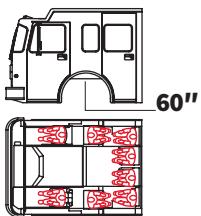
SMFD



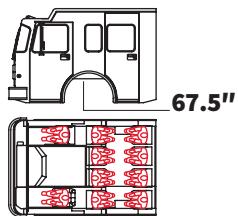
MFD



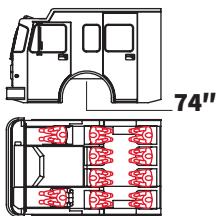
EMFD



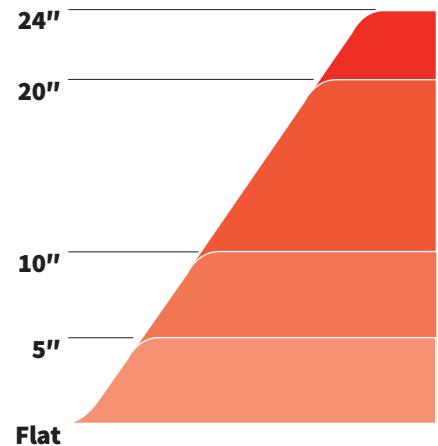
LFD



ELFD



Roof Height Options.

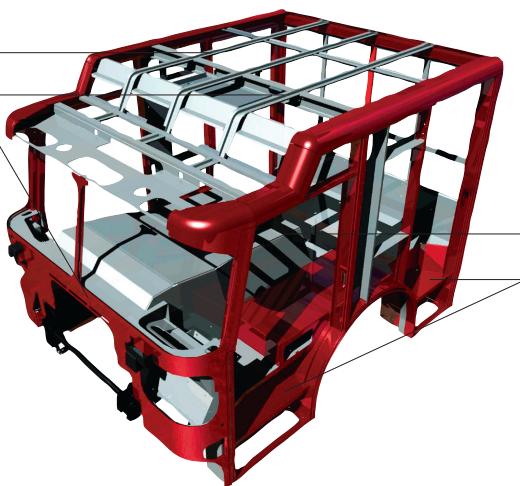


Cab Construction

Reinforced Roof Structure

C-Channel Roof Support

Triple Reinforced Box Front Bulkhead



Reinforced Engine Compartment

Reinforced Front & Rear Step Assemblies





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