Spartan Chassis is a market-leading manufacturer of custom cab/chassis that has been satisfying customers and fire fighters since 1975. A Spartan is purpose-built from the ground up—designed and built by firefighters for firefighters (27% of all Spartan associates have firefighting experience).

Safety
The Spartan Advanced Protection System (APS) is the #1 safety system in the fire industry and includes: four new airbag positions never before offered by any OEM. Side curtain airbags that provide impact and anti-ejection protection, advanced seat belt systems that dramatically reduce restraint system injury.

Customization
No other cab/chassis OEM offers more customization. Examples: our top-of-the-line Gladiator offers over 18,000 engineered options. The Metro Star offers over 17,500 options.

The Most Spacious
The Spartan cab offers industry leading ergonomics and the most room available and in the places that count. This enables improved visibility, in-cab communications, storage and comfort.

The Best Entry & Egress
Industry’s largest cab steps, lowest step height and tallest, widest cab doors allow for safe and efficient entry/egress.

Industry-Leading Maneuverability
Our vehicles provide the tightest turning radius and cramp angles allowing the Spartan Chassis customer more access and improved safety.

Highest Quality
It all begins at the plant. Spartan manufacturing plants stand apart from the industry. Combine this with world-class quality systems, exceptional engineering and you have the best quality cab/chassis available.

Our cab/chassis are the platform of choice for the premier fire apparatus OEMs and the fire departments they serve.
TESTIMONIES

“Our old Spartan Engine #10 has logged over 60,000 calls and 200,000 miles. We were so pleased with the performance of this unit that we recently purchased another Spartan to replace it.”

Fire Garage Supervisor, Rich Stearns
Tacoma Fire Dept., WA

“We are extremely impressed with the superior handling and quiet operation of our new Spartan Gladiator.”

Chief Pat Parker
Grand Traverse Metro Fire Dept., MI

“I am very pleased with the quality of this truck and hope to be purchasing another new unit in a couple of years.”

Chief Jay Hawley
Napoleon Township Fire Dept., MI

“We are very satisfied with the fit and finish of these trucks and feel the overall point quality of Spartan has improved with the addition of their new Cab Plant.”

Glendale Fire Dept., AZ

“Since purchasing our first Spartan roughly eight years ago we have been very impressed with the performance of Spartan’s products. I am very pleased with the outcome of our second truck within a years time period.”

Chief Brouwer
Wright-Tallmadge Fire Dept., MI

“That truck is the pride of our fleet and the envy of several other departments around us. It has responded to several high profile accidents/incidents both in and out of our area in which everyone was very impressed not only with its capabilities and functionality, but the detail and craftsmanship your people put into this truck.”

Captain Steven Gill
Harrisburg Fire Dept., NC

“Spartan Chassis, by far, has the best cab and chassis on the market. I continuously hear positive feedback from firefighters regarding the performance, maneuverability, and cab design of a Spartan.”

Dan Cass, Fleet Supervisor
Colorado Springs Fire Dept., CO

INDUSTRY FIRSTS

1990
The Spartan Eurospace Cab Series: The first fully enclosed crew cab in North America that redefined firefighter protection and in-cab communication.

Series 90 Cab: Provides improved visibility and headroom by lowering the glass and moving the raised roof forward.

Powertrain Options: Spartan Chassis is the first to install the Detroit Diesel Series 60 engine in a fire truck.

1991
Speed to Market (Metro Star Chassis): Engineers design and build the Metro Star prototype chassis in under three months—a new speed to market record (230 horsepower engine that sold for about $56,000).

1999
Interior Design: Spartan introduces the flat floor design with lower wheel wells and a shorter engine tunnel providing the best-in-class cab performance.

2001
The Big Easy: Spartan introduces a custom fire truck chassis with limited options at a price rivaling commercial chassis.

2003
Meritor Front Steering (MFS) Series Axle: Spartan sets a new standard for turning angles with the introduction of the MFS.

2004
Roll Stability Control (RSC): Through a partnership with Meritor Wabco Spartan introduces RSC which automatically intervenes to slow the vehicle and prevent rollovers.

2007
The Furion: Responding to emerging customer needs, Spartan introduces a fire truck cab and chassis that blends custom and commercial chassis benefits.

2008
Park-to-Neutral Feature: Spartan’s new designs prevents fire pump split shaft runaway events, which also enhances pump shifting.

2012
Advanced Protection System® (APS): Spartan introduces the new, best-in-class protection against frontal impact, rollover, side impact and occupant ejection to and from the scene. APS components include four additional airbag positions, full side curtain airbags, advanced seat belts and outboard sensors that enable a superior restraint control module.
The Customer and Product Support Department, which includes our service parts and service tech departments, provide exceptional support. All our representatives are trained on all aspects of our products and services.

For the convenience of our customers we have organized this department by customer type: OEM, Dealer and Fire Department.

Our Retail Vehicle Technicians assist the end-user by answering questions and finding an Authorized Spartan Chassis Service Center.

Our Dealer Vehicle Technicians assist the Service Center Technicians to provide technical direction and warranty authorization.

Our Emergency Response Technicians assist the Service Center Technicians to provide assistance in all stages from diagnostic to completion.

We have experienced staff members holding Master ASE certifications that inspect vehicles ensuring they are ready to be sold in the marketplace.

**WARRANTY**

The standard warranty for emergency response chassis and cab is in effect for a period of *24 months / 36,000 miles* from the first owner’s date of delivery. Additional warranties can be purchased with up to *60 months / 75,000 miles*. Frames and cross-members come with a lifetime warranty (up to 20 years). Spartan also offers the industry’s best non-prorated paint and cab structure warranty (10 years / 100,000 miles).

* Standard warranty for Metro Star-RT chassis and cab is *12 months / 24,000 miles.*

**TECHNICIAN TRAINING**

The high quality standard that Spartan demands is reflected in the state-of-the-art training programs that are offered. The breadth and depth of training, as well as the expert instruction offered, far exceeds industry truck vocation programs. The network of Spartan-trained technicians has expanded dramatically since curriculum was put in place over 16 years ago. An annual Fire Truck Training Conference is held to support emergency vehicle technicians. Contact Spartan or visit our website for training schedules.

Main component suppliers team up with Spartan to offer instruction in their areas of expertise. Spartan’s factory training for technicians provides instruction on the following components for all emergency response areas:

- **ABS Brake Systems**
- **Brake Systems**
- **Suspension & Steering Systems**
- **Electronic Controls**
- **Electrical Systems**
- **Engine & Transmission**
- **Hydraulic Systems**
- **Chassis Maintenance**
- **Warranty Procedure & Service Center Support**

Spartan Chassis offers an end user training experience that is second to none. There are four levels of training options available, which can be included in the purchase of your truck. Each level of training can be customized to specifically meet the needs of your individual department.

**PARTS: 800.722.3025**

Spartan offers a full-line of aftermarket parts for our vehicles. We’re here to help Monday - Thursday 8:00 a.m. to 6:00 p.m. EST and Friday 8:00 a.m. to 5:00 p.m. EST. Give us a call and we’ll get you what you need, fast.
This flagship custom cab and chassis is built from the ground up to offer unmatched strength and performance. The spacious cab interior of the Spartan Gladiator provides maximum room for crew members, equipment and storage.

Command the road to any scene with the most powerful engine options in our line-up. Option up to 600 h.p., with 1850 lb.-ft. of torque.

The Evolution fascia has become a popular option for departments seeking a more modern design. This fascia is available on both the Gladiator and Metro Star cabs, and is standard on the Metro Star-RT cab.
Advance to the scene in your custom Spartan Metro Star cab and chassis configured with an extensive range of premium systems and components. Easily accommodate your crew, equipment and storage needs with numerous cab style and roof-line options. Spartan’s flexible design puts you in the driver’s seat to satisfy not only your cab and chassis needs, but your budget as well. Option up to 450 h.p., with 1250 lb. - ft. of torque.

Spartan’s V-Mux Vista Display is a user-friendly alternative to a traditional instrument panel. All of the electrical commands are condensed into a high-definition, touchscreen display (Push Button also available) that allows monitoring and control of the vehicle systems.
Spa rtan’s flat floor cab designs, multiple seating configurations and raised roof options provide your crew extended legroom, improved visibility and additional space for storage. Interior options offer extended durability, simplified vehicle operation and enhanced comfort, productivity and safety for your crew.

**CUSTOM CAB EXAMPLES**
Spartan can accommodate your custom cab requirements.

**AERIAL TRENCH STYLE ROOFLINES**
Custom options also available.

**CUSTOM CAB FEATURES**

- Polished Stainless Steel
  - Custom lengths from 6–31”
- Painted Structural Steel
  - Custom lengths from 6–31”
- Formed Steel (Special Approach)
  - Custom lengths from 6–21”
- Covered Hose Tray
- Mechanical Siren/Bumper Compartments
- Provides Severe-Duty Protection To Cab
- Angled Approach For Rural Access
- Tow-Eyes Option

**FLAT, 10, 20 & 24” RAISED ROOF OPTIONS**
**UP TO 10 PASSENGERS (LFD & ELFD MODELS)**
**CAD (Computer-Aided Design) ENGINERED DESIGN**

**CAB WIDTHS: METRO STAR - 94”, GLADIATOR - 99”**

- 24”
- 20”
- 10”

- Reinforced Roof Structure
- C-Channel Roof Support
- Reinforced Engine Compartment
- Reinforced Front & Rear Step Assemblies
- Triple Reinforced Box Front Bulkhead
Capacity
Spartan offers exceptional weight capacity to withstand heavy-duty applications such as aerials and pumpers.
Front Axle: Up to 24,000 lb.
Rear Axle: Up to 63,000 lb.

Horsepower
Spartan offers the most powerful diesel engine options in the industry. Engines available up to 600 h.p.

Maneuverability
When buying an emergency response vehicle, the importance of maneuverability is often overlooked. Spartan offers the tightest turn radius and the most maneuverable chassis on the market.

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. Feel at ease knowing you can get to the fire quickly, while maneuvering safely through crowded intersections and tight corners.

Turning Radius
The cramp angles on the Metro Star & Gladiator range up to 53°, making these cabs and chassis easier to maneuver through challenging areas.

RSC (Roll Stability Control)
An electronic control system that reduces the risk of roll over by slowing the vehicle down during unsafe turns or quick lane changes.

ESC (Electronic Stability Control)
A computerized technology that improves the vehicle’s stability by detecting and minimizing skids. Automatically applies the throttle or brakes to help steer the vehicle where the driver intends to go.
When you need an emergency response cab and chassis with a balanced combination of value, strength and spaciousness, look no further than the Metro Star-X. Contact the Spartan Chassis sales team and be on your way to the perfect purpose-built cab and chassis for your department and community.

The Metro Star-RT (Rescue Transport) cab/chassis is designed for maximum maneuverability and reliable performance with unrivaled power and payload for the Type I-Additional Duty ambulance market. A custom ladder frame and rear air suspension with kneeling feature, provide a stable, comfortable ride for patient and crew. The Metro Star-RT is available in LTD (Long Two Door) and MFD (Medium Four Door) cab lengths and with Classic (standard) or Evolution fascia styling.
The Metro Star 4x4 is a highly capable, single axle, off-road chassis that is designed to handle a gross vehicle weight rating of up to 53,500 pounds. Able to hit 35mph in just 14 seconds, the Metro Star 4x4 is configurable to many types of apparatus by the body manufacturer.

**GROSS VEHICLE WEIGHT RATING**
Designed to handle up to 53,500 pounds

Spartan Chassis developed a High Angle of Approach chassis to produce improved apparatus maneuverability. Placed on a Spartan Chassis Metro Star cab, the High Angle of Approach chassis exceeds NFPA 1901 angle of approach and departure standards with its 19-degree approach angle.

**ANGLE OF APPROACH**

**IMPROVED APPARATUS MANEUVERABILITY**
The High Angle of Approach chassis exceeds NFPA 1901 approach and departure standards.
At Spartan, we go to great lengths to evaluate the fit and finish of every cab and chassis. We also assess and specify the tactile experience of the components that crew members touch most often and engineer door open/close for smooth operation. This attention to detail ensures all our cabs and chassis deliver a high quality experience for all crew members.

- **Multiple Exhaust Configurations**: Allows for optimum storage capability.
- **Single Axle Configuration**: Tandem-axle configurations available.
- **Multiple Tire Options**: Fit your tread to your environment.
- **Easy Access Fuel Tanks**: Corrosion-resistant tank coating, option with 8' extension line for maintenance ease.
- **Hidden Door Hinges**: Better fit/finish, reduced obstructions for care & cleaning.
- **Raised Roof Over Driver**: Provides added head clearance & visibility.
- **Threaded Spring Pins & Bushings**: For solid frame/axle alignment - reduced free play.
- **Quality Fit & Finish**: Hidden hinges for long-lasting access.
- **Angle of Approach**: For improved visibility and safety.
Spartan Chassis offers the premier foundation—our lifetime warranty on all frame-rails and cross-members. Construction methods and material selections are optimized to bring you the most robust frame on the market. All rails (single, double and triple-lined) are powder coated. All cross-members are gusseted and mounted with grade-eight flanged fasteners.
Built on an all-steel chassis, this Aerial features a 75 ft. ladder, providing the option to operate as an attack engine or ladder truck. Easy to maneuver in tight areas, the Series 75 Aerial enables fast knockdown with its 500 gallon water capacity.

The Latitude is a one of a kind fire-rescue device that redefines versatility by combining five emergency-rescue functions into a single, compact device.
Spartan participates in third party testing to ensure the safety of our cabs, including roof crush, front impact, roll stability control, airbags, seat mounting and seat belt restraint system validation. The Spartan Advanced Protection System® (APS) includes additional airbag positions, advanced seat belts and outboard sensors that enable an intelligent restraint control module. Visual and audible seat belt warning systems alert the driver if crew members are not fastened in their seats properly. Ergonomic driver controls help ensure safe operation of the vehicle.

Spartan offers the industry’s tallest and widest cab doors and wide, staircase-style steps with low step-heights providing safe and comfortable entry/egress of the cab.
Spartan Chassis has always been committed to protecting the Firefighters who serve our communities. Spartan has reaffirmed its commitment by developing the new Advanced Protection System® (APS) in our chassis. The APS is a safety system that contains a number of industry first features and significant improvements to existing safety standards. Combining the new airbag and seat belt advancements with our traditional safety features makes the Spartan Advanced Protection System® unequaled in its occupant safeguards.

*On average, there are over 4,300 firefighters injured per year in traffic accidents. The Advanced Protection System® (APS) from Spartan Chassis provides excellent protection but does not replace the need for every vehicle occupant to wear his/her seat belt.
Spartan Chassis is a world-class leader in the design and production of the most powerful and reliable emergency response cabs and chassis on the market. The Gladiator, Metro Star, Metro Star-X, and Metro Star-RT are all purpose-built for the Emergency Response (ER) industry and offer all the customization fire departments need.

With 44 premier fire apparatus OEMs as partners, you can be assured that Spartan can build the truck that you need.

SPARTAN CHASSIS, INC.
1541 REYNOLDS RD, CHARLOTTE, MI 48813
517.543.6400

Updated 3/2013

Technical specifications and descriptions are subject to change without notice. Content is limited and does not cover all available features. For additional information please contact a Spartan Regional Sales Manager by scanning the QR code with your mobile phone or by visiting www.spartanchassis.com/er

<table>
<thead>
<tr>
<th>Cab Width/Type</th>
<th>GLADIATOR®</th>
<th>METRO STAR®</th>
<th>METRO STAR®-X</th>
<th>METRO STAR®-RT</th>
</tr>
</thead>
<tbody>
<tr>
<td>99” Aluminum</td>
<td>94” Aluminum</td>
<td>94” Aluminum</td>
<td>94” Aluminum</td>
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<tr>
<td>Cab Styles</td>
<td>ER / LTD / SMFD / MFD / EMFD / LFD / ELFD</td>
<td>ER / LTD / SMFD / MFD / EMFD / LFD / ELFD</td>
<td>MFD</td>
<td>MFD / LTD</td>
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<tr>
<td>Roof Options</td>
<td>Flat or Raised Roof (10”, 20” or 24”)</td>
<td>Flat or Raised Roof (10”, 20” or 24”)</td>
<td>10” Raised Roof</td>
<td>10” Raised Roof</td>
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<tr>
<td>Horsepower</td>
<td>400 — 600</td>
<td>330 — 450</td>
<td>380</td>
<td>330 — 380</td>
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<tr>
<td>Front GAWR</td>
<td>18,000 — 24,000 lb.</td>
<td>14,600 — 24,000 lb.</td>
<td>18,000 or 20,000 lb.</td>
<td>13,880 lb. — 18,000 lb.</td>
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<tr>
<td>Rear GAWR</td>
<td>22,000 — 63,000 lb.</td>
<td>22,000 — 48,000 lb.</td>
<td>24,000 — 33,000 lb.</td>
<td>15,000 lb.</td>
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<tr>
<td>Front Suspension</td>
<td>IFS or Spring</td>
<td>IFS or Spring</td>
<td>4-leaf or 9-Leaf Spring</td>
<td>Spring</td>
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<tr>
<td>Cramp Angle</td>
<td>42° — 53°</td>
<td>42° — 53°</td>
<td>50° or 48°/44°R</td>
<td>50°</td>
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<tr>
<td>Alternator</td>
<td>270 — 420 Amp</td>
<td>270 — 420 Amp</td>
<td>270 Amp</td>
<td>270 or 320 Amp</td>
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<tr>
<td>Wheelbase</td>
<td>136° — 303.5”</td>
<td>136° — 303.5”</td>
<td>171” — 210”</td>
<td>162” — 303.5”</td>
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<tr>
<td>Seating Capacity</td>
<td>Up to 10</td>
<td>Up to 10</td>
<td>6</td>
<td>Up to 6</td>
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