

ALEXIS | TANKERS



TANKERS

YOUR VISION. OUR MISSION.

The traditions and continual goals of Alexis Fire Equipment Company are to manufacture fire and rescue apparatus of unsurpassed quality, safety, design and value that meet customer requirements. The company will strive to maintain the tradition through continual improvement of the QMS, build technologies, increasing our market share, and excel in education of our employees.

BUILDING BETTER FIRE APPARATUS SINCE 1947.

ALEXIS

ALEXIS FIRE EQUIPMENT

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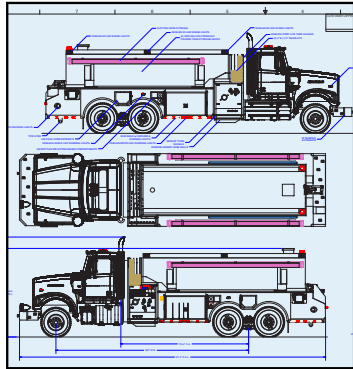


ALEXIS

DRIVEN TO SERVE.

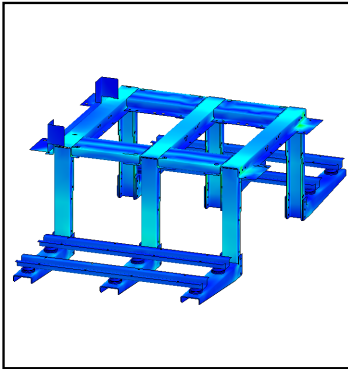
CUSTOMER DESIGNED

At Alexis Fire Equipment, we are fueled by the design challenges our customers request when it comes to custom-engineered fire apparatus. We not only transform ideas and sketches to steel on wheels, but we build a premium quality truck with unparalleled customer service you won't find anywhere else. Driven to serve since 1947.



FULLY ENGINEERED PER CUSTOMER SPECS

Each apparatus begins with a CAD drawing of preliminary body design to facilitate exact dimensions. A virtual model of your truck is generated with 3D drawings using Solidworks which results in a superiorly designed product that maximizes compartment space, weight distribution, and strength of your apparatus. Customer-specific exact wiring diagrams come standard and provide ease of electrical diagnostics. Pre-determined weight calculations verify that intended loads match correct chassis gross vehicle weight rating during pre-planning stage.



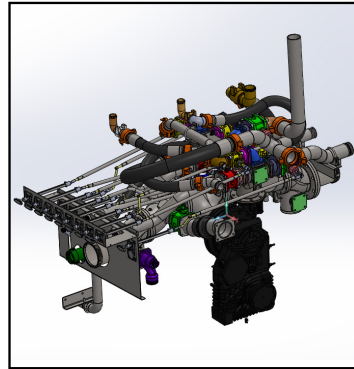
FINITE ELEMENT ANALYSIS

Our experienced team of engineers utilize Solidworks FEA to allow for computerized assessment and analysis of all designs before manufacturing each unit for our customers. Finite element analysis is key to confirming our bodies will withstand the rigorous conditions and environment our customers battle every day.



MACHINING CENTER

Along with two press brakes (480-Ton and 90-Ton) and a computerized tube bender, we also utilize two WaterJet machines (12' and 20' tables) which allows us to quickly and precisely cut large pieces of material at one time. One large solid piece means less welding and a stronger, more durable product for your truck. With the addition of a completely software controlled multi-axis cutting head, we can easily cut custom beveled edges, angled sides and countersinks with no secondary finishing all in-house.



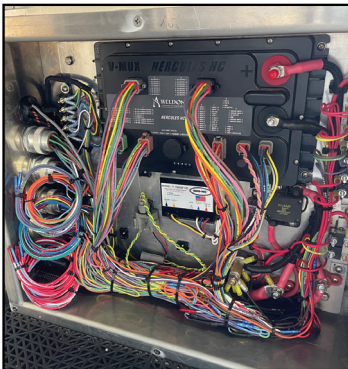
CUSTOM CAST STAINLESS STEEL MANIFOLD SYSTEMS

Designed by Alexis with maximum flow, our corrosion-resistant manifold systems are tested by major pump manufacturers to be compatible with flow requirements across a variety of pump brands. The system bolts together with o-ring seals for better manifold performance and are designed to reduce turbulence. 3D models show all control rod and hose routing for optimum efficiency and serviceability. Diagrams can be used for training purposes for department pump operators. Systems are easily upgraded for additional valves.



STAINLESS STEEL OR 3/16" ALUMINUM BODIES

Our bodies and subframes are designed utilizing 3D solid modeling to ensure each apparatus is ready to answer the call every time. Each body utilizes a subframe that is manufactured of galvanized steel or stainless steel, depending on the mission of the unit. Our trucks are time-tested and quality-built for the departments we serve.



ELECTRICAL SYSTEM

System incorporates electrical distribution center. Microprocessors handle numerous switching functions without the excessive relays or wiring. Wiring harnesses are designed per apparatus and are documented for future replacement if needed. Harnesses feature Deutsch heavy duty, all-metal connectors. Two destination effective wiring diagrams with each apparatus – one in-house and one for the customer.



ON-SITE PAINT BOOTH

Our apparatus bodies are painted on the Alexis premises using PPG high-gloss finish coatings. Two coats of paint and three coats of primer for ultimate durability and quality. The compartments can be finished in either a natural Stainless Steel or Zolatone coating. Our trucks are prepped, the paint color of your choice is mixed, and the paint is applied to produce the finished, painted product.



SUPERIOR WARRANTY COVERAGE PROTECTION

Alexis Fire apparatus are backed by one of the most dependable and extensive warranty coverages in the industry. We stand behind our products and offer our customers piece of mind that their truck is built to the highest quality standards. We pride ourselves on our superior customer support. Always on call. Always there.



Alexis Tankers are custom designed and engineered specifically for each of our customers to enable them to fight the fires ahead in full capacity with safety and efficiency in mind.

CHOOSE YOUR CHASSIS

We carry only the highest quality chassis brands for your Tanker apparatus with a variety of seating options to accommodate your crew. We offer Spartan chassis for your custom choice or Peterbilt, International, Freightliner, Kenworth, Western Star and more for your commercial cab options. Customize your cab with premium door lettering and reflective striping to showcase your department's personality. Single rear axle or tandem rear axle are available as well as bumper extensions on all models.

LIGHTING & ACCESSORIES

Add on your bells and whistles with a wide selection of lighting choices to fully customize your Alexis Tanker. Siren, speaker, and warning light options are available from industry leading manufacturers to meet NFPA compliancy. Add in the many 120 Volt electrical systems options available as necessary to round out your apparatus. The Alexis 12 volt and 120 volt electrical systems are designed to provide full on-scene support for your firefighting staff.

CUSTOM FABRICATION

Alexis offers ample compartment storage space to effectively store all of the loose equipment required for efficient emergency operations. All compartments are sealed to resist water intrusion. With the additional options of adjustable shelves, roll-out trays, pull-out tool boards, equipment storage racks and more, your Alexis Sales Representative can help design a truck that will meet the needs of your department while allowing you to focus your attention where it is needed most – protecting property and saving lives.

TANK OPTIONS

The Alexis Tanker line has many choices to offer when it comes to designing a unit to best meet the needs of your department. Some of the available options include a painted wet-side tank or an elliptical tanks with stainless steel wrap, a swivel dump at the rear or a 3-dump system, and multiple pumping system designs.

PORTABLE TANK STORAGE

Additional portable tank storage options include a Zico Hydraulic Drop Down Rack, a manual hinged drop down rack or manual storage on the compartment top. Each option is designed for quick access at the fire scene for quicker drop tank operations.

