

**Fire Truck Market By Type (Aerial, Pumper, Rescue, Tanker, Others), By Application (Residential and Commercial, Industrial and Airport, Military, Others), By Propulsion Type (ICE, Electric): Global Opportunity Analysis and Industry Forecast, 2023-2032**

Market Report | 2023-07-01 | 267 pages | Allied Market Research

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**Report description:**

A fire truck, known as a fire engine or fire apparatus, is a purpose-built vehicle utilized for firefighting and rescue operations. It is equipped with a range of firefighting equipment and essential tools to extinguish fires, provide emergency medical services, and perform related tasks. Fire trucks are typically operated by fire departments and other emergency response organizations. Residential and commercial fire trucks are specialized fire apparatus designed specifically for firefighting operations in residential areas and commercial properties. These trucks are equipped with a range of features and equipment tailored to handle various types of emergencies. Fire trucks equipped with a water pump and a larger water tank are well-suited for firefighting operations for residential and commercial applications. These trucks are specifically designed to carry an ample amount of water, allowing first responders to initiate fire suppression efforts while waiting for additional support. These trucks also provide sufficient storage space to accommodate drop tanks and other essential firefighting gear. Moreover, manufacturers provide a wide range of residential fire trucks such as tanker firetrucks, and others to meet the specific needs of firefighting operations. For instance, XCMG Group offers Fire-extinguishing Water Tanker that can be used with elevating fire trucks for coupling operations, and meet the firefighting requirements of urban buildings, factories, residential buildings, and shopping malls. In addition, there is a rise in the development of residential and commercial firetrucks with different pump capacities, water tank sizes, and storage options. Therefore, such factors are expected to drive the growth of the segment in the market during the forecast period.

Fire trucks play a crucial role in the enterprises & airport sector by responding to and extinguishing fires in various settings such as industrial facilities, manufacturing plants, warehouses, and office buildings. The fire trucks have equipment such as water pumps, hoses, and extinguishing agents that are used to effectively combat fires. In addition, at airports, specialized fire trucks are dedicated to handling aircraft emergencies, including fires, fuel spills, and facilitating evacuations. These vehicles are equipped with ample amounts of firefighting agents and foam to quickly suppress fires on aircraft. Fire trucks are located near

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runways in airports to respond to aircraft crashes or incidents, providing prompt assistance in evacuating passengers, suppressing fires, and ensuring the safety of all individuals involved. Moreover, airports commonly have fire trucks equipped with medical equipment and staff to address medical emergencies within the airport premises. These trucks can deliver immediate medical care and, if necessary, transport patients to nearby medical facilities for further treatment. In addition, manufacturers develop sustainable and efficient solutions for airports owing to the growing emphasis on reducing environmental impact and improving energy efficiency. For instance, in May 2023, Scania, a manufacturer of commercial vehicles developed a hybrid power train specifically designed for fire trucks used in airport operations. The use of hybrid technology vehicle's operational efficiency by reducing fuel consumption and emissions, making it more environmentally friendly compared to traditional combustion engines. Military fire trucks have the primary purpose of combating fires in military facilities, vehicles, aircraft, and other assets. These specialized vehicles are equipped with tools and equipment necessary for performing rescue operations during emergencies, including the extrication of trapped personnel and the provision of medical assistance. Moreover, certain military fire trucks are specifically designed for aircraft firefighting, featuring specialized foam systems, elevated turrets, and rapid response capabilities. In addition, many manufacturers sign contracts with the defense sector to design, build and supply firefighting vehicles to meet these specific military requirements. For instance, in March 2021, the U.S. Army stationed in Germany selected fire trucks equipped with Allison Transmissions for their firefighting fleet. Allison Transmission is one of the renowned manufacturers of automatic transmissions for various applications, including specialty vehicles such as fire trucks. In the same year, the U.S. Army in Germany recently added eight vehicles to their fire truck fleet comprising of Scania structural pumpers P410 B4x4HZ with the new CP 31 Crew Cab. Such developments are expected to drive the growth of the segment in the market during the forecast period.

The fire truck market is segmented on the basis of type, application, propulsion type, and region. Based on type, it is segmented into aerial, pumper, rescue, tanker, and others. On the basis of application, it is classified into residential & commercial, industrial & airport, military, and others. By propulsion type, it is categorized into ICE and electric. By region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Some major companies operating in the market include Oshkosh Corporation, MORITA HOLDINGS CORPORATION, Rosenbauer International AG, Alexis Fire Equipment Company, Scania, Zoomlion Heavy Industry Science & Technology Co., Ltd., NAFFCO, REV Group, Magirus, and Albert Ziegler GmbH

#### Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the fire truck market analysis from 2022 to 2032 to identify the prevailing fire truck market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the fire truck market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global fire truck market trends, key players, market segments, application areas, and market growth strategies.

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- Additional company profiles with specific to client's interest
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- SWOT Analysis

#### Key Market Segments

##### By Type

- Aerial
- Pumper
- Rescue
- Tanker
- Others

##### By Application

- Residential and Commercial
- Industrial and Airport
- Military
- Others

##### By Propulsion Type

- ICE
- Electric

##### By Region

- North America
- U.S.
- Canada
- Mexico
- Europe
- UK
- Germany
- France
- Spain
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Zoomlion Heavy Industry Science & Technology Co., Ltd.

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- MORITA HOLDINGS CORPORATION
- Scania
- Alexis Fire Equipment Company
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- Oshkosh Corporation
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- Magirus
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- NAFFCO

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