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35m Aerial Platform Fire Truck



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Product Introduction

The Sany 35-meter Aerial Platform Fire Truck is specifically developed for urban high-altitude rescue and firefighting missions, primarily addressing fire rescue demands for urban residential buildings of 6–11 floors and below. It stands as one of the primary products in urban firefighting operations. The 2-axle 35-meter aerial platform fire truck incorporates multiple intelligent control systems throughout the vehicle, streamlining operations to enable diverse rescue scenarios including ladder deployment, heavy lifting, depth detection, obstacle crossing, high-altitude operations, and deep-well rescues.



Technical Specifications

Product Model	SYM5210JXFDG35
Chassis	VolvoFM420 42R B
Dimensions	9990mmx2550mmx3950mm
Maximum working height	≥34.5m/500kg
Maximum working range	21m/500kg
Boom deployment time	≤90s
Fire monitor flow rate L/s	60L/s
Maximum fire monitor range	70m (water)

主要功能

01

High performance

- ◆ The vehicle can achieve two operating curves: one with a working range of 21 meters (under the weight between 500 kg to 130kg) and the other with a working range of 22 meters (under the weight below 130 kg). These configurations fully optimize the performance of the boom, enhancing its rescue capabilities and utilization.

02

Lightweight design

- ◆ The vehicle features a lightweight optimized design, with a maximum working height reaching no less than 34.5 meters. The vehicle length is controlled within 10 meters, making the vehicle highly maneuverable and flexible.



03

Large Flow

- ◆ The fire monitor used on the vehicle is from an internationally renowned brand, with a maximum system flow rate of up to 60L/s.

04

Intelligence

- ◆ Equipped with an intelligent control system, it supports one-button outrigger leveling and intelligent cruise technology (optional); the intelligent leveling control system for the work bucket achieves work bucket leveling within ≤2°.

05

Video monitoring system

- ◆ The cab is equipped with an integrated reversing camera system, providing 360 ° blind-spot-free monitoring and radar warnings, significantly enhancing driving and maneuvering convenience for the operator.