



Dongfeng 5000 Liter Water Tank Fire Truck 5-Seater Diesel 4x2 Manual Transmission

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Fushunt
- Model Number: Dongfeng 5000 liter water tank fire truck 5-seater diesel 4x2 manual transmission
- Minimum Order Quantity: 1 vehicle
- Price: \$50,000-\$60,000Dollar
- Packaging Details: Complete vehicle
- Delivery Time: 5-8 work days
- Payment Terms: T/T
- Supply Ability: 1000 vehicle



Product Specification

- Accessories: Ladder, Hose, Pump
- Brakes: Air
- Cab: Enclosed
- Cabin: Crew Cab
- Fuel: Diesel
- Lighting: LED
- Model: FR-100
- Pump: High Pressure
- Pump Capacity: 500-5000 Gallons Per Minute
- Safety: High
- Siren: Electronic
- Speed: Fast
- Tires: Heavy Duty
- Type: Fire Rescue Trucks
- Water Tank: Large



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Product Description

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Paragraph 1: Definition and Purpose

A water tank fire truck is a specialized vehicle designed for firefighting operations. Its primary purpose is to transport and supply a large volume of water to the fire scene for fire suppression. Water tank fire trucks play a crucial role in extinguishing fires in buildings, urban areas, and wildland environments.

Paragraph 2: Vehicle Body and Structure

Water tank fire trucks feature a robust body and specialized structural design. The body is constructed using durable materials to withstand the rigors of firefighting operations. It is typically mounted on a heavy-duty chassis to provide stability and support for the water tank and firefighting equipment. The body may also have compartments for storing additional firefighting tools and equipment.

Paragraph 3: Water Tank and Pumping System

The water tank is a key component of a water tank fire truck. It is designed to store a significant amount of water for fire suppression purposes. The tank is often made of corrosion-resistant materials to maintain water quality and prevent contamination. Water tank fire trucks are equipped with powerful pumps and spraying systems that can draw water from the tank and deliver it to the fire scene at high pressure for effective firefighting.

Paragraph 4: Control and Operation Systems

Water tank fire trucks are equipped with control and operation systems to facilitate firefighting operations. These systems include control panels and levers in the driver's cabin, allowing the operator to start, stop, and regulate the water pump and adjust the water flow pressure. Some trucks may also have LCD displays and controllers for monitoring the status of the water tank and pump, providing operational guidance.

Paragraph 5: Safety and Convenience Features

Water tank fire trucks are equipped with various safety and convenience features to ensure the safety of firefighters and enhance operational efficiency. These features may include emergency lighting, sirens, non-slip steps, and emergency escape devices. Additionally, the driver's cabin is designed with ergonomic considerations, providing comfortable seating and easy access to controls. Some trucks may also have air conditioning systems to maintain a comfortable working environment.

Summary: A water tank fire truck is a specialized vehicle designed for firefighting operations. It features a robust body and specialized structural design, along with a water tank and pumping system. The water tank stores a large volume of water, while the pumping system delivers the water to the fire scene at high pressure. Control and operation systems enable firefighters to operate the truck and regulate the water flow. Safety and convenience features ensure the safety of firefighters and enhance operational efficiency.

Main vehicle parameters:

Outside dimensions	6940×2195×3060mm
Maximum total mass	11240kg
Liquid carrying capacity	Carrying 5000kg of water
maximum speed	90km/h
Fire pump rated flow	30L/s 1.0MPa
Rated flow rate of fire monitor	30L/s 1.0MPa
fire cannon range	≥55m
Specific power	125/11.24=11.12
Approach / departure angle	21°/11°

Fuel type	diesel fuel
manufacturer	Dongfeng Motor Co., Ltd.
Engine rated power	125kw
engine capacity	3856ml
Engine emission standards	GB17691-2018 Country VI
Drive form	4×2
Wheelbase	3800mm
Maximum allowed total weight	11995kg
Minimum turning radius	≤7m
gearbox	Manual
structure	Flat head, four doors, modified double row
Number of drivers and passengers	3+3 people
driver position	left
equipment	The original vehicle instrument panel is equipped with a fire control instrument panel and a warning light control box.
General layout	1. Alarm;

Process requirements	All carbon steel profiles and plates are treated with pickling and phosphating to prevent corrosion, and all parts and standard parts are treated with surface treatment processes such as electroplating and electrophoresis. All cutting parts are cut using laser cutting machines to ensure part accuracy.
structure	The main frame structure is welded with high-quality square tubes, and the exterior decorative panels are welded with carbon steel plates. The roof is anti-slip and can be walked on. (Aluminum alloy square tube can be welded according to user needs)
Equipment box	The equipment box is located at the rear of the passenger compartment, with aluminum alloy rolling shutter doors on both sides and lights inside. Storage boxes are provided in the equipment box room according to needs.
pump room	The pump room is located at the rear of the vehicle. There are aluminum alloy rolling shutter doors on both sides and the back. There are lights inside. Some commonly used equipment can be placed on both sides of the pump room.
	The rear ladder adopts an aluminum alloy two-section flip ladder. When in use, the height from the ground shall not exceed 450mm. The handle of the vehicle is made of a grooved anti-slip round steel pipe with surface spraying treatment.
	5000kg (SG50)
Ladder and car handles	High quality stainless steel, 3mm thickness
	The built-in tank is equipped with vertical and horizontal wave-proof boards, with a manhole in the middle. The head, side plates, and partitions all have trapezoidal folding ribs to increase strength. The top plate is reinforced with angle iron. The water tank can withstand 0.1 MPa static water. Pressure, after 0.1 MPa hydrostatic strength test, there is no obvious residual deformation on both sides of the tank, and the overall anti-corrosion treatment





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