

ISUZU FTR 10CBM Professional Aircraft Refueling Truck Aluminum Alloy

Our Product Introduction

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Basic Information

- Place of Origin: Hubei
- Brand Name: ISUZU
- Certification: ccc
- Model Number: QL1160VMFRY
- Minimum Order Quantity: 1
- Price: 47500\$
- Packaging Details: nude with waxing
- Delivery Time: 30-35 working days
- Payment Terms: L/C, T/T, Western Union, D/P, D/A
- Supply Ability: 50 units per month

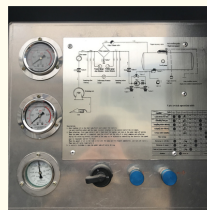


Product Specification

- Item: Aircraft Refuel Truck
- Material: Aluminium Alloy
- Wheelbase: 4500 Mm
- Engine: 4HK1-TC50
- Tank Volume: 10 Cbm
- Rated Working Pressure: 1.0MPa
- Maximum Allowable Pressure Difference: 0.15 Mpa
- Liquid Level Gauge: Stainless Steel
- Refueling Pump: Aluminum Alloy Oil Pump
- Reel Refueling Flow Rate: 100L-150L/min
- Pipeline Pumping Flow Rate: 700L/min
- Highlight: 10CBM aircraft refueling truck, 10CBM aviation refueling trucks, Aluminum Alloy aircraft refueling truck



More Images



Product Description

Chinese Isuzu 10,000 liters Air Jet Aircraft refueling Truck

Aircraft refueling trucks are special vehicles that provide fuel service for aircraft. They carry the important mission of ensuring aviation safety and improving flight efficiency, and are an indispensable part of the field of air transport. The definition of aircraft refueling truck industry belongs to the intersection of aviation industry and transportation industry, which involves not only the fuel supply technology of aircraft, but also covers many aspects such as vehicle manufacturing and operation management. The main task of this industry is to provide safe, efficient and reliable fuel services for all types of aircraft to ensure that aircraft can successfully complete the take-off and landing and navigation tasks.

Aircraft refueling vehicles can be classified according to different uses and characteristics, mainly including:

1. **Airport fixed refueling truck** : usually installed at a fixed position in the airport, connected with the oil storage facilities through pipelines, to provide fuel service for the aircraft parked at the airport. They have the characteristics of large oil storage, fast refueling speed, convenient operation, etc., and are one of the important equipment for airport ground support.
2. **Mobile aircraft refueling truck** : It can move freely in or around the airport to provide flexible service for aircraft that need refueling. They are usually equipped with high-performance engines and drive systems to ensure stable operation in difficult terrain and bad weather conditions, while having high safety features and being able to quickly

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evacuate the site in case of an emergency.

3. Multifunctional aircraft refueling truck : in addition to the basic fuel supply function, but also integrated a variety of auxiliary equipment and technology, such as oil quality inspection system, oil purification device and so on. It can provide more comprehensive and detailed service for aircraft and improve the efficiency and quality of fuel supply.

4. Special aircraft refueling truck : mainly serves specific types of aircraft, such as military aircraft, helicopters and so on. They are often tailored to the fuel requirements and characteristics of different aircraft to meet specific operational requirements, with higher levels of technology and more stringent safety standards.

With the continuous progress of aviation technology and the continuous expansion of the aviation market, the aircraft refueling truck industry will usher in more innovation and development opportunities. In the future, this industry will pay more attention to the development direction of intelligence, environmental protection and high efficiency, and promote the continuous upgrading and optimization of aircraft refueling vehicle technology

Main Technical specification

Overview	
Name	10 cbm ISUZU Jet Fuel Truck
Dimension(LxWxH)	8800x2500x3450 mm
Total Mass	18000 kg
Rated Payload	7850 kg
Kerb Weight	10065 kg
Passenger	3
Approach/Departure Angle	16°/12 °
The Parameters of Chassis	
Manufacture/Model	ISUZU
Driving Type	4x2
Wheel Base	4500 mm
Gearbox	MLD6
Front/Rear Track	2011/1860 mm
Tyre model	10.00R20
The Number of Tyre	6+1 (spare tyre)
Front/Rear Suspension	1340/2560 mm
Frame	850x270(7+4)
Axles Loading	Front 6.3T Rear 13T
Oil Tank	200L Iron
The Parameters of Engine	
Manufacturer/Model	4HK1-TC50
Rated Power	151kw/205hp
Fuel Type	Diesel oil
Displacement/Capacity	5193 ml
Emission Standard	Eu 5
Cylinder	4
Max. Torque/ speed	650N.m/ 1600rpm
Velocity	2600 rpm
The Parameters of Equipment	
Color/Logo	Customizable
Tank volume	10 cbm
Body parts configurations	<p>Tank body: The tank body is made of high-quality aluminum alloy, with light weight, large volume, corrosion resistance and no pollution, ensuring the quality of the oil.</p> <p>Refueling pump: Aluminum alloy oil pump (mechanically sealed), with a reel refueling flow rate of 100L-150L/min, a pipeline pumping flow rate of 700L/min, and a working pressure of 0.25MPa.</p> <p>Flowmeter: 0.2 level accuracy, with a diameter of 50 waist wheel flow rate.</p> <p>Filter separator: rated flow rate 400L/min, rated working pressure 1.0MPa, maximum allowable pressure difference 0.15 Mpa, in accordance with the requirements of API 1581 third edition.</p> <p>Gravity refueling reel: Automatic reset reel, with a refueling hose diameter of 25mm and a length of 15m.</p> <p>Liquid level gauge: stainless steel floating ball inside the tank, with a 10 inch aluminum alloy dial on the left side of the tank, allowing for a clear observation of the current volume of liquid inside the tank.</p> <p>Operating system: centralized control from an independent control room.</p> <p>Instrument indications include pump inlet vacuum gauge, pump outlet pressure gauge, oil pump tachometer, filter differential pressure gauge, etc.</p> <p>The operation of opening and closing valves includes the main power switch, lighting switch, emergency stop switch, oil pump speed control knob, refueling valve, circulating filtration valve, sampling valve, and sea valve control combination switch.</p>

The tank body is square and round, with a volume of 10 cubic meters, a single warehouse, aluminum alloy material 5182, cylinder 5.5mm, head 5.7mm, an aluminum alloy European manhole in the middle of the tank top with a built-in breather valve, manual aluminum alloy guardrails on both sides of the tank top, and aluminum alloy rear ladder (removable).

One set of explosion-proof lamp inside the operation cabinet (aluminum alloy), one set of electrostatic reel outside the operation cabinet, refueling pump: aluminum alloy oil pump (mechanical seal type), flowmeter: Hefei Jingda instrument 0.2 accuracy, diameter 50 waist wheel flow juice, filter separator: 5-core filter (including 2 separation and 3 coalescence filter elements). Gravity refueling method: 15m aviation kerosene special hose reel with aviation

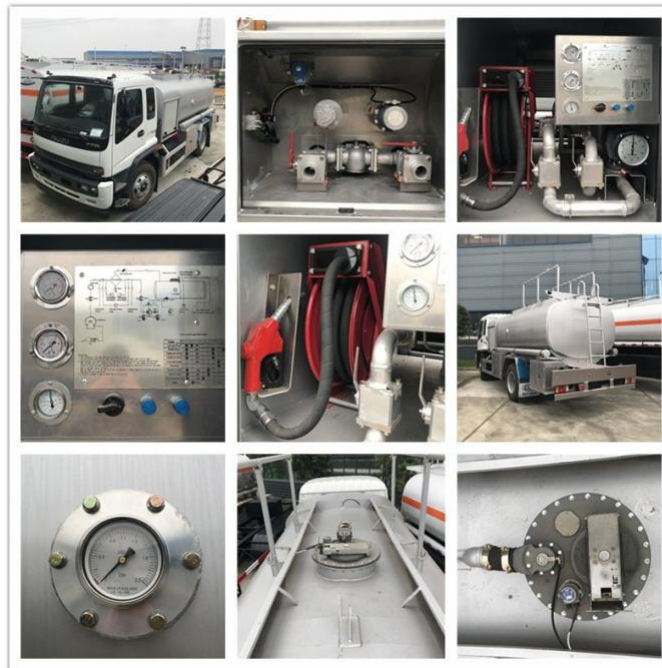
kerosene special gun, liquid level gauge: 10-inch aluminum alloy dial, operation control: integrated control system.

The unloading tank on the left side of the tank body is equipped with an oil and gas recovery system. According to the new regulations, an emergency shut-off valve emergency shutdown system with a speed of 5 kilometers per hour is installed. The rear of the tank body is equipped with an emergency shut-off valve red button.

One aluminum alloy standard tool box, two oil drain hoses, one 1-inch drain valve at the front end of the aluminum alloy round barrel tube on both sides of the tank, all the boxes are equipped with container lock rods for users to lock, the bottom of the outlet box is equipped with rubber plugs, and the left and right sides of the tank tail are equipped with plastic fire extinguishers (8KG).

The tank top coaming is equipped with aluminum alloy anti-skid mesh walkway, and the rear protection is made of I-shaped bumper according to the announcement photos, with equal length up and down, and the lower layer can be turned back. The safety notice is installed at the left, right and rear positions of the rear of the tank body (size 500x550mm). The accessories of the whole vehicle are made of aluminum alloy, with special identification for dangerous goods, two electrostatic tow strips, and the gap position of the rear girder of the chassis is sealed with aluminum alloy anti-slip corrugated plate.

Aircraft refueling truck image



Aircraft refueling truck details



Aircraft refueling truck details working at site



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