

Chinese Dongfeng 5000 Liters Air Jet Aircraft Refueling Truck With YC4FA120-30 Engine

Our Product Introduction

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Basic Information

- Place of Origin: Hubei
- Brand Name: Dongfeng
- Certification: CCC
- Minimum Order Quantity: 1
- Price: 37800\$
- 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: 3360 Mm
- Engine: YC4FA120-30
- Tank Volume: 4.85 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: 5000 liters Aircraft refueling Truck,
5000 liters airplane refueling truck,
YC4FA120-30 Engine Aircraft refueling Truck



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Product Description

Chinese Dongfeng 5000 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	4.85 cbm Dongfeng Jet Air Fuel Truck
Dimension(LxWxH)	5940x2000x2700 mm
Total Mass	7360 kg
Rated Payload	3650 kg
Kerb Weight	3580 kg
Passenger	3
Approach/Departure Angle	27°/15 °
The Parameters of Chassis	
Manufacture/Model	Dongfeng
Driving Type	4x2
Wheel Base	3300 mm
Gearbox	5TS40
Front/Rear Track	1525/1498 mm
Tyre model	7.00R16 12PR
The Number of Tyre	6+1 (spare tyre)
Front/Rear Suspension	1055/1632 mm
Springs	8/9+5
Axles Loading	Front 1.8T Rear 3.5T
Oil Tank	80L Iron
Standard configuration	188mm frame Pneumatic braking Spring brake Exhaust braking Dynamic rotation Clutch assist 80L fuel tank two 90Ah battery
The Parameters of Engine	
Manufacturer/Model	YUCHAI/ YC4FA120 33
Rated Power	88kw/120hp
Fuel Type	Diesel oil
Displacement/Capacity	2982 ml
Emission Standard	Eu 3
Cylinder	4
Max. Torque/ speed	345N.m/ 1400-1800rpm
Velocity	3200 rpm
The Parameters of Equipment	
Color/Logo	Customizable
Tank volume	4.85 cbm
Body parts configurations	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. 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. Flowmeter: 0.2 level accuracy, with a diameter of 50 waist wheel flow rate. 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. Gravity refueling reel: Automatic reset reel, with a refueling hose diameter of 25mm and a length of 15m. 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. Operating system: centralized control from an independent control room. Instrument indications include pump inlet vacuum gauge, pump outlet pressure gauge, oil pump tachometer, filter differential pressure gauge, etc. 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.

Aircraft refueling truck image



Aircraft refueling truck details



Aircraft refueling truck details working at site



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