

Isuzu GIGA 10000L aircraft refueling truck

General Technical Parameters

Overall Dimension	8460X2490X3520 (mm)	Gross Vehicle Weight	18000(kg)
Curb Weight	12000(kg)	Loading Weight	600(kg)

Chassis Specification

Chassis parameters	Chassis Brand		ISUZU
	Cabin		Single, Left Hand Driving
	Engine	Power	6HK1-TCL 240HP/176KW 7790ml
		Emission standard	EURO V
		Fuel type	Diesel
	Gearbox		Isuzu MLD 6 Forward & 1 Reverse Gear
	Front and Rear Axle load		13T rear axle
	Wheel Base		4500(mm)
	Brake System		Ail brake
	Steering Gear		Power Assistant
	Tire		295/80R22.5
	Maximum speed		100(km/h)
	Tanker compartment		1 compartment
	Tanker shape		Square
	Tanker material		aluminum alloy
	Tank Thickness		6mm

Tank

The tank body is made of aluminum-magnesium alloy 5083, light in weight, corrosion-resistant and pollution-free, ensuring the quality of oil products

petrol pump

Russian-style aluminum alloy centrifugal pump, reel refueling flow 300L/min, pipeline pumping flow 700L/min, working pressure 0.25MPa

flow meter

0.2 grade precision, diameter 50 waist wheel flowmeter

Dedicated performance	filter separator	Rated flow 400L/min, rated working pressure 1.0MPa The maximum allowable pressure difference is 0.15Mpa, which meets the requirements of the third edition of API 1581
	Gravity refueling reel	Automatic reset reel, refueling hose diameter 38mm, length 15m.
	level gauge	The stainless steel floating ball in the tank, the 10-inch aluminum alloy dial on the left side of the tank body, can clearly observe the current volume of the liquid in the tank
	operating system	Independent control room centralized control. Instrument indications include pump inlet vacuum gauge, pump outlet pressure gauge, oil pump tachometer, filter differential pressure gauge, etc. Switch valve operation includes main power switch, lighting switch, emergency stop switch, oil pump speed control knob, refueling valve, circulation filter valve, sampling valve, submarine valve control combination switch, etc.
Performance description		<ol style="list-style-type: none"> 1. Reel refueling - after filtering and metering, the fuel in the oil tank is injected into the aircraft fuel tank or other oil receiving equipment through the gravity refueling gun of the reel hose in the control room; 2. Pump oil filtration - the fuel in the oil tank or in the external pipeline is filtered and returned to the oil tank of the vehicle or other oil receiving equipment through the pump out of the refueling joint to realize the circulation filtering function; 3. Filling oil in the oil tank - use the joint valve to connect the pipeline to fill the oil at the bottom of the oil tank, or realize the oil pumping function through the oil pump of the vehicle;