

Diesel oil boiler burner



Introduction to the diesel oil boiler burner

Diesel oil boiler burner is a kind of industrial burner which is used in boilers. The pressure regulator of diesel boiler burner is an important part of LPG safe combustion, which is connected between the cylinder and the furnace. The pressure regulator of the diesel boiler burner can not only change the high-pressure petroleum gas in the bottle into the low-pressure petroleum gas (from 980KPa to about 100KPa), but also can stabilize the low-pressure gas in the pressure range suitable for safe combustion of the furnace. The pressure regulator is mainly composed of hand wheel, inlet pipe, upper valve cover, lower valve cover, rubber film, inlet nozzle, valve pad, a small lever, outlet pipe and other parts.

Main accessories for the burner:

1. Combination solenoid valve
2. Proportional motor
3. Ignition transformer
4. Program controller
5. pressure switch

Regular maintenance of the diesel oil boiler burner:

The light diesel must be clean, clean the fuel tank and oil filter regularly; Normally, change the nozzle once a year, change the elastic coupling and its rubber parts once a year and a half. Foreign bodies are strictly prohibited to enter the air passage. Diesel boiler burner should be far away from the use of flammable and explosive, and should be equipped with fire extinguishing equipment; Adjust the oil pressure appropriately according to the oil pressure indicator; Check the combustion cylinder, impeller, flame detector and ignition electrode regularly to remove oil and carbon. Especially, the flame detector should be kept clean and free from water. Cut off the power supply when maintains the diesel boiler burner.

Strong R&D teamwork

With 50 experienced R&D engineers who will work on your modifications, moldings, electromechanical engineering, 3D drawing and debugging etc.

Multi-channel gas burner nozzle for rotary kiln

CFD simulates the combustion of large thrust burners with swept secondary air

Axial swirl step-less adjustable multi-channel burner

Thrust vector nozzle: diffusion and convergence

Thrust vector nozzle: rotate left & right