

### Hydrogen hot-blast stove burner



#### **Features of hydrogen hot blast stove burner:**

Hydrogen hot blast stove burner is an industrial burner which uses hydrogen as fuel and is used in hot blast furnace industry. Hydrogen is a highly flammable, explosive and fast burning gas. Therefore, higher requirements are put forward for the body structure, combustion system, automatic control, installation and operation. According to the characteristics of hydrogen, we General flame develop and manufacture various hydrogen burners to meet requirements from different customers. The hydrogen burners developed by us have the following characteristics:

- Specifically designed for hydrogen safety standard, all burner accessories on site are explosion-proof;
- Reliable safety cut off valve, do not allow leakage;
- Reliable ignition success rate, prevent repeated ignition;
- High grade, high sensitivity flame detection, no error signal is allowed;
- Specific burner head design suitable for hydrogen high speed combustion, which eliminates the danger of burning the flame disc;
- Reliable sensors and intelligent control parts, more intuitive display to avoid any danger;
- Scientific debugging and operation, perfect after-sales service, to ensure the safe use of equipment.

#### **Main machine of hydrogen hot-blast stove burner:**

1. Combustion air supply system
2. Moving forward and backward system;
3. Ignition system;
4. Fuel delivery system;
5. Control and monitoring system;

#### **Our advantages:**

1. Strong R&D teamwork: With 50 experienced R&D engineers in-house who will work on your modifications, moldings, electromechanical engineering, 3D drawing, and software development services.
2. Advanced equipment and instruments
3. Imported raw materials with related brands
4. Follow ISO9001 management system
5. Company Inner quality control chart: Incoming quality control (IQC) --In process Quality Control (IPQC)--Outgoing QC (FQC) --Record and Solutions