

Coal tar low NOx burner



Brief introduction of coal tar low nitrogen burner

Coal tar low nitrogen burner is an industrial burner using low nitrogen technology, its main fuel is coal tar.

1. According to the emission index requirements, it is divided into two categories:
 - A. Low nitrogen burner, NOx emission less than 80mg/Nm³;
 - B. Ultra low nitrogen burner, NOx emission less than 30mg/Nm³;
2. According to user requirements, our company can provide all kinds of low nitrogen burner, for different fuels, including natural gas, coke oven gas, blast furnace gas, hydrogen, liquefied petroleum gas, biogas, industrial tail gas, pulverized coal, biomass, petroleum coke, heavy oil, diesel oil, vegetable oil, coal tar, waste oil, methanol, and liquid waste etc., and if the combustion air temperature < 300 °C, can still achieve NOx emission index of less than 80 mg/Nm³.
3. According to the power of supporting equipment, it is divided into two categories:
 - A. When the power of supporting equipment is 10 x 10⁴ – 360 x 10⁴kcal/h, adopt fully premixed metal fiber surface combustion technology, and NOx emission is less than 30mg/Nm³
 - B. When the power of supporting equipment is greater than 360 x 10⁴kcal/h, adopt graded combustion and flue gas recycling technology, and the NOx emission can be less than 30mg/Nm³;
4. According to the needs of users, our company can provide the following services:
 - A. Low nitrogen transformation of the existing furnace: in the process of transformation, the original furnace combustion machine is directly replaced, without changing the furnace body. The customized transformation scheme is designed to reduce the cost as much as possible, the transformation process is reliable and safe;
 - B. Produce low nitrogen burner for the new furnace: The burner can match the size and back pressure of the furnace chamber and provide with the exclusive model for different manufacturers, all data completely match with the furnace;
5. In any way, our products follow the concept of precise combustion, PID logic control, precise ratio of air volume and wind volume, and achieve a good balance between thermal efficiency and low nitrogen emission.

After-sales service during warranty period:

1. Turn-Key Solutions, including design, development, production.
2. Dispatch experts to carry out service on site:
 - A. Installation and debug of the machinery;
 - B. Train the first-line operators and technologies;
 - C. Carry out any other service client may need
3. Assist you to prepare for the first construction scheme;