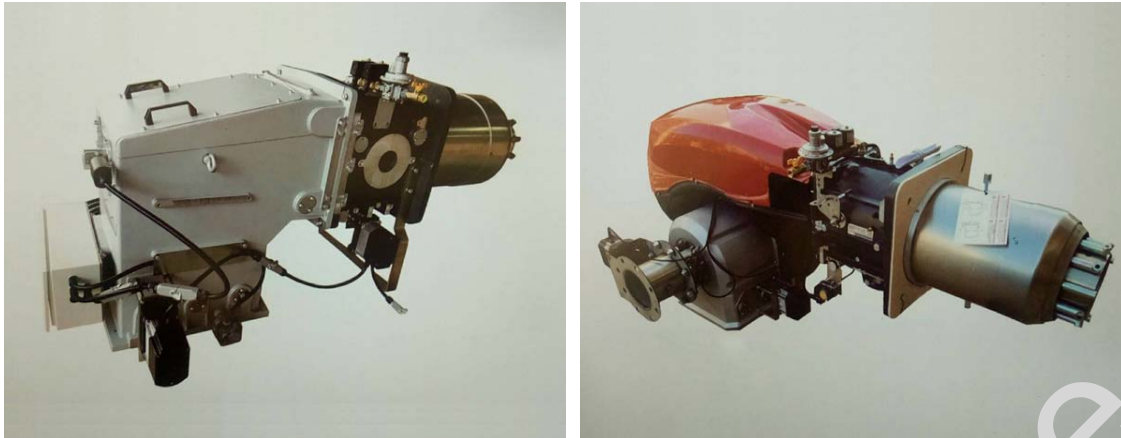


Vegetable oil low NOx burner



Introduction to vegetable oil low NOx burner:

Vegetable oil low NOx burner is an industrial burner using low NOx technology, its main fuel is vegetable oil. The low NOx burner is used to improve the combustion efficiency and reduce the NOx emissions. The low NOx burner developed by our company not only reduces the NOx emissions, but also greatly improves the thermal efficiency of the boiler. At the same time, the NOx content in the flue gas is less than 50mg/Nm³, the CO content is less than 10mg/Nm³, the excess air coefficient is less than 1.05, and the regulation ratio reaches 20:1. All data meet the discharge standard.

Advantages of vegetable oil burner are:

1. The energy consumption cost is 50% less than that of diesel burner, and it is easy to install
2. No affected by the quality of oil, no affected by the high international oil price.
3. Safe and environment-friendly, with higher calorific value than light diesel
4. Fast heating speed
5. The oil nozzle is used for life without replacement
6. The main parts are imported and durable

Requested information for design of vegetable oil low NOx burner

1. What are the types of burners: pipeline burners, pulverized coal burners, gas burners, biomass gas burners, methanol burners, process burners, fuel oil burners, fuel gas burners, or other special burners?
2. What is the rated power?
3. What is the type of boiler?
4. What is the size of the furnace?
5. What is fuel?
6. Is the adjustment mode manual or automatic?
7. What is the emission requirement of NOx and CO in MG/NM³?
8. What is the number of burners for each boiler?
9. What is the regulation ratio?
10. What is the ignition fuel?
11. How long is the project time?
12. Where the installation location and what's the altitude of the installation location?
13. Scope of supply: burner engineering design, burner and its control system, valve train system, ignition system
14. Brand requirement of valve train?