

Methanol boiler burner



Product introduction of the methanol boiler burner:

The methanol boiler combustion machine is a kind of equipment that converts methanol, by a chemical reaction model, into heat energy through combustion-- that is, air and fuel are mixed with each other in an appropriate proportion through a premix device to make it fully burn. It adopts the classic ejection combustion principle, combined with air, automatic control, combustion and other principles, so that the methanol fuel get full combustion (customers with higher requirements can choose with silicon carbide tube); We overcome the difficulty of the secondary filtration of crude methanol, waste methanol and other impurity content of the fuel application, prevent blockage and damage to the pump body, completely get rid of the high-pressure pump body pressure atomization!

Technical advantages of methanol boiler combustion equipment:

1. Reliable operation, easy installation and disassembly of parts.
2. Methanol fuel contains oxygen molecules and has high combustion value, thus improves the thermal efficiency of the engine with good atomization, less energy consumption and low noise.
3. Easy for clean and maintenance, simple and efficient inspection and maintenance.
4. Use of high-quality combustion machine, large heating area, reasonable structure to make methanol fully combustion, high thermal efficiency, long service life, can greatly reduce the cost of enterprise maintenance of methanol boiler.
5. Use integrated burner, aluminum shell, electrical devices control the entire process and safety protection.
6. The burner is carefully designed to ensure a good combustion state in the whole output range.
7. Compared with other combustion engines, the methanol burner not only saves energy, but also reduces the cost of steam per ton by about USD50 after replacing diesel oil with methanol, significant benefits.
8. Sliding flange can be accurately positioned according to the situation in the boiler furnace.
9. Good combination of methanol/gas, stable flame, high combustion efficiency and low environmental pollution;

