

Axial Flow Oil/Gas Burner

This axial flow oil/gas burner is designed for use with asphalt mixing equipment. It integrates advanced technologies for low emissions and high calorific value.



Overview

High-Performance Axial Flow Burner

This advanced axial flow oil/gas burner is engineered for industrial heating applications, featuring a robust PLC control system with a 10-inch interface for remote monitoring and precise operation. It utilizes sophisticated air-fuel ratio management and frequency conversion technology to ensure stable combustion, high efficiency, and significant fuel savings. Designed with comprehensive safety protections and durable, maintenance-friendly components, it meets rigorous international standards for reliability and environmental compliance.

Technical Specifications

Power Supply	380V AC, 3N, 50Hz
Compliance Standards	EN 13611, EN 1643, EN 161, EN 267, EN 676, EN 230, EN 298, DIN, EMC, GB/T 19839, TSG ZB001

Control System

Control Features

- 10-inch large display screen
- Remote cloud monitoring
- Remote expert guidance
- Stepless frequency conversion speed regulation
- Real-time air/fuel ratio optimization

Operational Safety

Integrated Safety Protections

Wind pressure monitoring • Flame monitoring • Overpressure protection • Overtemperature protection • Overload protection • Emergency stop • Repair protection

Fuel Management

Efficiency Metrics

0.5 %

Gas Adjustment Accuracy

1 °C

Temp Control Accuracy

Fuel System Components

- Dual valve units with sealed detection
- Active/standby dual pump configuration
- Three-level nebulization oil gun
- Quick-open and self-cleaning filters

Construction & Durability

Electric Heater Performance

High efficiency, dry heating protection, low surface load rate, operational down to -5°C