

# 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