

## TOP LOAD WASTE INCINERATOR

### MODEL I8-250

### Specifications

For the supply and manufacture, of three waste incinerators, as per the description as follows:

#### INCINERATOR DESCRIPTION

The Model I8-250 has up to 1800kgs capacity per batch load and will burn at around 400kgs per hour. The unit is a top loading design and has a heavy duty refractory cement lining for maximum heat retention. This unit operates at over 1200°C in the primary chamber to ensure complete combustion. This model also benefits from a heavy duty secondary chamber and burner which ensures a complete re-burn of any smoke and emissions and has a 2 second gas retention time.

#### PRIMARY CHAMBER

Heavy-duty steel casing  
High quality refractory lining and insulation  
Large full size top load counterbalanced door  
3 x oil/gas fired ignition burners operated on/off

#### SECONDARY CHAMBER

Heavy-duty steel casing  
High quality refractory lining and insulation  
2 second gas residence time  
1 x oil/gas fired ignition burners operated on/off

#### CHIMNEY

Heavy-duty stainless steel casing

#### CONTROL PANEL

Control of primary and secondary burners  
Temperature Monitoring with 4 digit display  
Thermostat control device for burner (fuel saver)  
Timer control 0- 12 hours  
Integral fan timer control

#### ANCILLARIES

Operating and maintenance manuals  
Spares list

## MODEL I8-250

The Model I8-250 is one of our largest incinerators and was designed for large scale and municipal waste destruction. The unit has a 2.4M<sup>3</sup> combustion chamber, with a large top opening lid for easy loading.

They are unique in build quality, durability and ease of installation, operation and servicing.

The large secondary chamber provides a post combustion afterburner to provide a 2 second gas residence time at high temperatures to ensure that all gases are re-burnt in the chamber.

All of our range of units are ideal for export because of their simplicity of operation and durability. We only use CE certified (Low Nox) burners for all of our incinerator range.



### **Ease of Use**

Auto ignition.

No pilots to light.

Automatic control and temperature monitoring

Built-in skid facilitates placement

### **Fuel Efficiency**

Rapid incineration means low fuel consumption.

Higher burn rate than other models.

Up to 400kgs per hour (dependant on application).

Thick refractory lining rated to 1600°C in main chamber retains heat, increasing efficiency.

### **Quality Built to Last**

Heat resistant 5mm steel.

Stainless steel stack.

12cm of refractory lining — steel reinforced

## MODEL I8-250

### Multipurpose Incinerator

We can now offer our range of incinerators exclusively throughout Europe and the rest of the world through our dealer network. Our range of units are fully CE certified, ensuring that we meet the highest standards in safety and construction.

Inciner8 pride ourselves on our high level of customer service and support. We have local dealerships in over 35 countries and also provide qualified telephone support when needed.



### KEY FEATURES

- Low running and maintenance costs
- Automatic and simple to operate control panel
- Afterburner Preheat
- Incineration temperatures in excess of 1300°C
- 5mm steel casing and fully insulate
- Dense refractory concrete lining rated to 1600°C
- Solid hearth to allow maximum burnout
- Large top opening lid for easy loading
- Wide door for ash removal
- Stainless steel flue as standard
- Afterburner fitted as standard
- 12 month or 400 / 1000 hours warranty.
- CE marking
- DEFRA approved
- Easy on-site installation
- Optional heat recovery system
- Optional stainless steel casing
- Optional Gas Cleaning System

## MODEL I8-250

Technical Specifications	
Fuel	Oil or Gas
Capacity	1800kg (2.4 m <sup>3</sup> )
Burn Rate	400kg/h
Avg Ash Residue	3%
Avg Fuel Consumption pb/hr	15ltr

External Dimensions	
Length (mm)	3800
Width (mm)	2200
Height Incl. Flue (mm)	4250
Shipping Weight	6000kg

Operation	
Min. Operating Temperature	950°C
Max. Operating Temperature	1500°C
Residency Time in Secondary Chamber	2 Seconds
Temperature Monitoring	YES