

VOLKAN™

HIGH-EFFICIENCY INCINERATORS



VOLKAN +250 series

high-capacity,
fast-burning animal
carcass incinerator

VOLKAN is a range of highly efficient incineration units for the disposal of all types of animal carcass. They are robust, constructed using high quality materials and are available in a range of capacities and burn rates to suit every disposal

problem. The VOLKAN +250 is a high-capacity, powerful, fast-burning, EU legislation compliant incinerator featuring an integral after-burner for greater efficiency and cleaner emissions. It is ideal for the disposal of cattle, pigs, sheep and poultry.



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VOLKAN +250 series

high-capacity, fast-burning animal carcass incinerator

Why choose the VOLKAN +250?

The VOLKAN +250 is specifically designed for the incineration of:

- Cattle carcasses
- Pig carcasses
- Sheep carcasses
- Farm shop and abattoir waste

Economic and reliable

The VOLKAN +250 is fuel efficient and easy to run, operated by automatic control systems. It is the ideal solution for the fast incineration of large volumes of waste. Constructed from high quality materials in the UK, it comes with one year's free warranty.

Efficient and easy to use

The VOLKAN +250 is a DEFRA 'Type Approved', front-loading incinerator with a door that slides open to provide clear access for ease of manual or mechanical loading. All controls are placed away from the loading area to avoid damage by loading machinery. The VOLKAN +250 is able to pre-heat the after-burner to the required temperature before loading the carcass. Once the incinerator has been loaded, a burn program is selected and the incinerator can be left unattended until the carcass reduces to ash. It is highly efficient, utilising automatic high heat-rate burners, low thermal mass linings and timer controls that ensure minimal running costs; a thermostat triggers burner shut-off when optimum temperatures are reached, increasing fuel efficiency significantly. The model is also designed to use the inherent fuel properties within animal fat that aid combustion. The VOLKAN +250 is fitted with a secondary chamber for ABPR 1774/2002 EU legislation compliance and for cleaner emissions. Easily installed on site, it simply requires concrete hard-standing and a 240-volt electricity & fuel supply. A comprehensive operating, care & maintenance manual is provided with each incinerator.

VOLKAN +250 series options

Fuel use options	Diesel LPG Natural Gas Bio Gas
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For more information contact:
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Why use incineration?

- Simple on-site installation
- Bio-security – no carcass transfers
- Efficient, low-cost disposal
- Controlled environmental emissions
- Low maintenance costs



VOLKAN +250 – specifications at a glance

Primary Volume	4.37m ³
Load Capacity	up to 2,000 kg
Burn Rate*	up to 250kg/hr*
Load Method	Front
Fuel Options	Diesel, LPG, Natural Gas, Bio-fuel
Electricity Supply	230 volt required
Weight	7 tonnes
Secondary Chamber Residence time	2 Seconds (EU compliant)
Dimensions	3.2m(l) x 2.2m(w) x 4m(h)

*Figures based on typical figures gained from an average burn cycle.

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VOLKAN +250 series

technical specifications

Model and Overview

Volkan +250 – a high-capacity, powerful, fast-burning, World Standard incinerator, ideal for high volume incineration with integral after-burner for greater efficiency and emissions control.

Waste Type and Burn Rate

Designed specifically for use by poultry farms, sheep farms, pig farms, cattle farms, abattoirs and for pet cremation. The incinerator will burn up to 250kg of waste per hour.

Construction

Mild steel welded fabrication consisting of sheet steel and structural section supports.

Lining

Monolithic high grade refractory concrete with high grade insulation backing.

Burners

Fully automatic, high-efficiency burners with electronic ignition, flame recognition and combustion control devices fitted.

Loading – Ash removal

Manual ash removal from the primary chamber. (Ash doors are available on request).

Exterior finish

Multi-coat high quality, high-temperature aluminium enamel top coat paint, finished in silver.

Control

Fully automatic sequential control provided by internal PLC system providing control of:

1. Secondary chamber pre-heat
2. Burn cycle (variable)
3. Cool down cycle

Fuel Options

Diesel, LPG, Natural or Bio Gas.

Typical Fuel Consumption*

Dependant on application.

Electrical supply

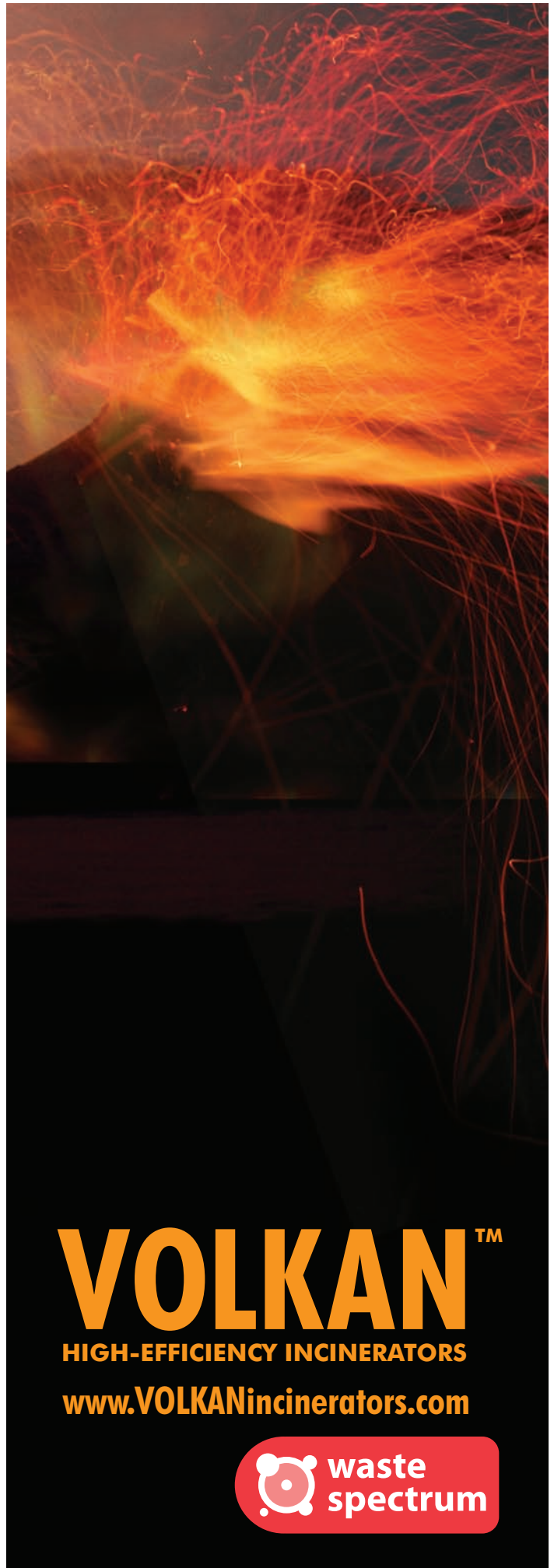
240volt 16 amp.

Key Specifications

Chamber Volume	4.37m ³ : 3.0m (l) x 1.45m(w) x 0.75m(h)
Load Capacity	up to 2000kg
Burn Rate	up to 250kg per hour
Load Method	Front
Weight:	up to 7 tonnes

Dimensions 3.2m(l) x 2.2m(w) x 4m(h)

*Figures based on typical figures gained from an average burn cycle.
Waste Spectrum Environmental Ltd continually strives to improve its products and therefore reserves the right to introduce modifications to their product range without notice.



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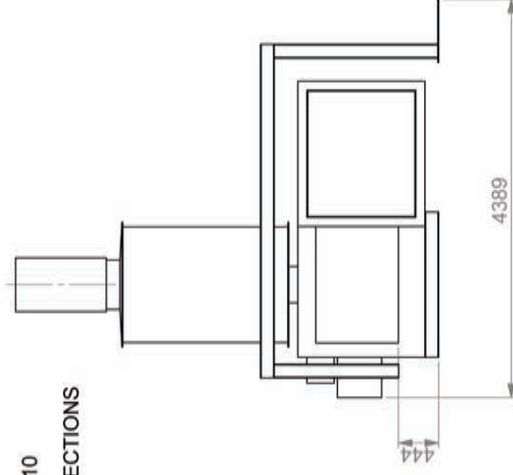
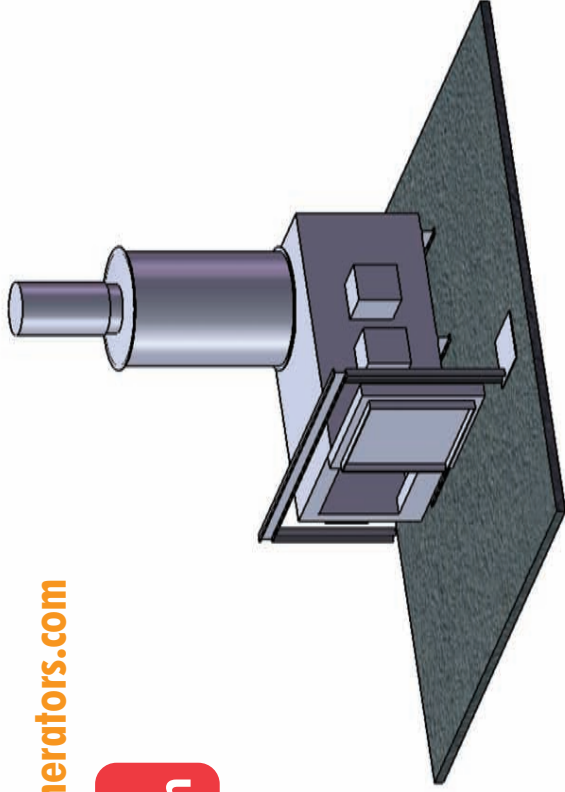
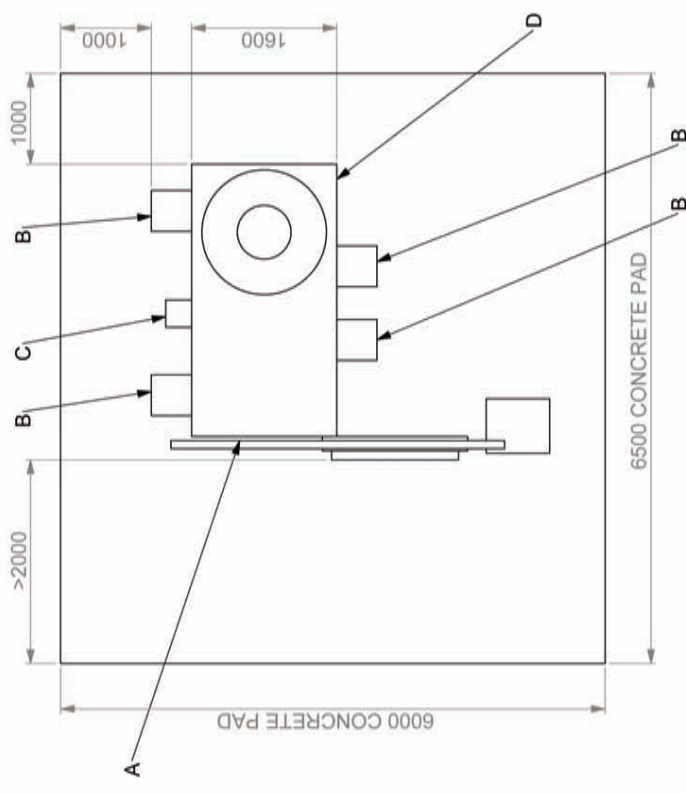
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VOLKAN +250 series



- A - LOADING DOOR DIMENSIONS - 1284 x 910
- B - BURNER POSITIONS
- C - CONTROL PANEL & ELECTRICAL CONNECTIONS
- D - DIESEL INPUT POSITION

