

**Highly reliable and versatile the Volkan 1000 is a DEFRA 'Type Approved' top loading large capacity incinerator ideal for managing the disposal of pigs, fallen stock and abattoir waste. All models in the Volkan Range are supplied with integral secondary chambers and fully conform to EU By-Products Regulation (ABPR) (EC) No 142/2011.**

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 1000 is highly efficient with multiple fuel options and requires little supervision.

The Volkan 1000 is practical to manage and specifically designed for farmers managing fallen stock and also abattoirs. As a large capacity incinerator it is capable of the quick and safe disposal of a range of large animal carcasses and has become a favourite of Pig Farming as the larger main chamber is able to quite easily hold the carcass of a large sow.

With biosecurity an ever important issue for farming enterprises the Volkan 1000 provides the ultimate containment. Once established it provides a highly economic and safe solution in comparison with traditional disposal options.



Volkan 1000

## **Ideally Suited For:**

- Pig operations
- Dairy units
- Beef herds
- Abattoirs

## **Machine Construction**

Integral to each model in the Volkan Range is the unique Waste Spectrum monolithic casting system:

- Ensures maximum strength and reliability in comparison to bricked linings
- Materials expand and contract at the same rate as opposed to bricks and mortar
- Prevents animal fats penetrating the lining which prolongs the life of the incinerator
- Insulating board is used to reduce heat loss
- Maintains an even working temperature for the refractory
- Our Stainless Anchor System maintains the integrity of the lining

For more information contact:

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[www.wastespectrum.com](http://www.wastespectrum.com)

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## SPECIFICATIONS

Burn rate	UP TO 50kg/hr
Front or top loading	Top
Overall size (L x W x H)	3.1 x 3.2 x 3.5 m
Fuel consumption	
Diesel	7 – 10 Litres Per Hour
LPG	10 – 15 Litres Per Hour
Fire bars	No
External height (excluding standard stack)	2108 mm
External height (including standard stack)	3472 mm
Standard stack diameter (2D Size)	14"
Door opening (L x W)	2166 x 866 mm
Load height	1225 mm
Chamber size (L x W x H)	2.2 x 0.9 x 1.1 m
Chamber volume	1.80 m <sup>3</sup>
Chamber load volume	0.93 m <sup>3</sup>
Chamber load capacity	520kg/m <sup>3</sup>
Chamber capacity	990kg/m <sup>3</sup>
Total weight	3.1 Tonne
Concrete pad size (L x W)	5.1 m x 5.2 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	167
Electric consumption (KW/hr)	0.3

## Features

- Easy to operate – Full training provided
- Top loading design provides easy access via a counterbalance lid
- Temperature controlled pulse fired burners for optimal efficiency
- Two pulse fired burners located in main chamber for optimum efficiency
- Low thermal mass linings for minimal heat loss
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Burns up to 50kgs an hour
- Can be loaded whilst in operation, maximising the inherent thermal efficiency of our monolithic lining
- Electrical Supply – works on a single phase 16 Amp 230-volt supply, fitted with a 3 pin round Euro plug
- A stainless steel, single skin exhaust stack is supplied as standard

**Ask about our custom built solution**

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