

# Volkan 400



Highly reliable and versatile the Volkan 400 is a DEFRA 'Type Approved' medium capacity incinerator ideal for a range of commercial operations. Suitable for managing the disposal of poultry, small livestock and pig as well as farm shop, butcher 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.



Volkan 400

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 400 is designed for those requiring a regular incineration facility.

Practical to manage, highly efficient with multiple fuel options and requiring little supervision, the Volkan 400 has become the established incinerator of choice for sheep farms with the main chamber easily able to take a large ewe.

## Ideally Suited For:

- Poultry
- Sheep (lambs and ewes)

- Pig
- Farm Shop and Butchery
- Abattoir Waste

## 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



Volkan 400 Metal Hearth Bar

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)	2.8 x 1.6 x 4.1 m
Fuel consumption	
Diesel	6 – 9 Litres Per Hour
LPG	8 – 13 Litres Per Hour
Fire bars	Optional
External height (excluding standard stack)	3155 mm
External height (including standard stack)	4145 mm
Standard stack diameter (2D Size)	10"
Door opening (L x W)	788 x 707 mm
Load height	900 mm
Chamber size (L x W x H)	1.4 x 0.8 x 0.7 m
Chamber volume	0.71 m <sup>3</sup>
Chamber load volume	0.42 m <sup>3</sup>
Chamber load capacity	240kg
Chamber capacity	400kg
Total weight	2.4 Tonne
Concrete pad size (L x W)	4.8 m x 3.6 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	147
Electric consumption (KW/hr)	0.25

## 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
- 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
- Static or mobile options available
- 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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