

# Volkan 1600



The Volkan 1600 is a DEFRA 'Type Approved' top loading extra large capacity incinerator ideal for managing the disposal of large animal carcasses 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 1600 is practical to manage, the low loading large bed along with the arched lid of the main chamber making it ideal for the disposal of the remains of whole large cow carcasses.

Because of its larger than average size the Volkan 1600 also handles abattoir waste well and with biosecurity an ever important issue for farming enterprises it provides the ultimate containment solution. The Volkan 1600 has also become popular with Equine Cremation businesses and our understanding of how APHA and Planning Departments work have helped many customers to overcome stressful form-filling.



Curved design is ideally suited for large whole carcass disposal.

Volkan 1600



## Ideally Suited For:

- Equine cremation
- Beef herds
- Dairy units
- Abattoirs
- Pig operations

## 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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## SPECIFICATIONS

Burn rate	UP TO 50kg/hr
Front or top loading	Top
Overall size (L x W x H)	8.5 x 2.5 x 3.4 m
Fuel consumption	
Diesel	7 – 10 Litres Per Hour
LPG	10 – 16 Litres Per Hour
Fire bars	No
External height (excluding standard stack)	2199 mm
External height (including standard stack)	3414 mm
Standard stack diameter (2D Size)	14"
Door opening (L x W)	3093 x 1650 mm
Load height	500 mm
Chamber size (L x W x H)	3.0 x 1.7 x 1.3 m
Chamber volume	5.83 m <sup>3</sup>
Chamber load volume	2.18 m <sup>3</sup>
Chamber load capacity	1210kg/m <sup>3</sup>
Chamber capacity	3210kg/m <sup>3</sup>
Total weight	6.3 Tonne
Concrete pad size (L x W)	10.5 x 4.5 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	173
Electric consumption (KW/hr)	0.25

## Features

- Easy to operate – Full training provided
- Unique, low level loading with sliding lid
- When open, offers full incineration chamber access allowing for ease of loading and ash removal
- Can be loaded by mechanical or manual methods
- 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
- 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
- Static or mobile flip-lid option available

**Ask about our custom built solution**

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