

Volkan 500 PC



The Volkan 500 PC is a DEFRA 'Type Approved' purpose built front loading pet cremation incinerator for the disposal of individual large pet carcasses and multiple small and medium pet carcasses. 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 500

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 500 PC is one of our most popular cremation models that is practical to manage, highly efficient with multiple fuel options and requiring little supervision.

Based on our experience of the sector and our close working relationships with operators and their day to day requirements there are also optional extras available suited for the specific needs of the pet cremation industry. We understand how APHA and Planning Departments work and have helped many customers to overcome stressful form-filling.

The Volkan 500 PC is an ideal option for pet crematoriums and for veterinary practices and veterinary hospitals where pet carcasses can be incinerated on site along with clinical waste.



Load Trolley



Load Winch

Ideally Suited For:

- Individual large pet carcasses
- Multiple small and medium pet carcasses
- Pet Cremation Services
- Veterinary Clinics

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

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SPECIFICATIONS

Burn rate	UP TO 50kg/hr
Front or top loading	Front
Overall size (L x W x H)	2.6 x 1.6 x 5.1 m
Fuel consumption	
Diesel	6 – 9 Litres Per Hour
LPG	8 – 13 Litres Per Hour
Fire bars	No
External height (excluding standard stack)	2021 mm
External height (including standard stack)	5071 mm
Standard stack diameter (2D Size)	10"
Door opening (W x H)	894 x 706 mm
Load height	400 mm
Chamber size (L x W x H)	1.8 x 0.9 x 0.7 m
Chamber volume	1.16 m ³
Chamber load volume	0.47 m ³
Chamber load capacity	260kg
Chamber capacity	640kg
Total weight	2.5 Tonne
Concrete pad size (L x W)	4.6 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
- Front loading design provides easy access and is ideally suited for individual carcasses
- Temperature controlled pulse fired burners for optimal efficiency
- Low thermal mass linings for minimal heat loss
- Higher grade tradesman concrete ideal for pet cremation with an increased temperature range comes as standard
- 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 – subject to local load value regulations
- 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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