

The Volkan 500 PC



As the larger version of the 300 PC, the Volkan 500 PC is a purpose built, front-loading Pet Cremation incinerator, designed to maximise usability for individual domestic pet carcass cremation. The Volkan 500 PC is an excellent choice for those looking to establish a Pet Crematoria, due to its large, front-loading main chamber. This machine can manage the day-to-day requirements of a Pet Cremation business, from smallest of mammals, through to the largest breed of dog. As standard, the Volkan 500 PC utilises a concrete specifically graded for the Pet Cremation industry, making it ideal for Pet Cremation Businesses and Veterinary Hospitals as it facilitates the incineration of clinical waste alongside pet carcass cremation.

As with all models in the Volkan Range, the Volkan 500 PC is supplied with an integral secondary chamber, ensuring it fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011, DEFRA Regulations and many other legislative bodies around the world.

Key Features:

- Large front-loading door, provides exceptional access and to the main chamber and is ideally suited for individual carcasses
- The Volkan 500 PC's monolithic lining uses concrete specifically graded for the Pet Cremation industry
- Two temperature controlled 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/111 lbs an hour
- Can be loaded whilst in operation, maximising the inherent thermal efficiency of our monolithic lining

Ideally Suited For:

- Pet Cremation Services
- Multiple Small to Medium Domestic Pet Carcasses
- Individual Large Domestic Pet Carcasses
- Veterinary Hospitals
- Veterinary Colleges
- Humane Societies

Optional Features:

- Winch Bracket
- Cremulator
- USB Data Logger
- Loading Trolley
- Winch Lift
- Heat Exchanger
- Sight Glass
- Fat Collection Tray



The Volkan 500 PC Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	50	Up to lbs/hr	111
Front / Top Load		Front		Front
Static Operational Dimensions (LxWxH)	m *Inc Standard Stack	2.6 x 1.6 x 5.1	feet/inch *Inc Standard Stack	8'5" x 5'4" x 16'8"
External Height - Static	mm *inc. Stack	5069	feet/inch *inc. Stack	16'8"
External Height - Static	mm *ex. Stack	2019	feet/inch *ex. Stack	6'7"
Weight	Tonne *estimated	2.7	lbs *estimated	5953
Concrete Pad Size (L x W)	m *recommended	4.6 x 3.6	feet/inch *recommended	14'11" x 11'11"
Fuel Consumption Diesel	LPH *est during main burn	6 - 9	GPH *est during main burn	1.6 - 2.3
Fuel Consumption LPG	LPH *est during main burn	8 - 13	GPH *est during main burn	1.5 - 3.5
Fuel Consumption Nat Gas	m ³ /h *est during main burn	6 - 9	ft ³ /h *est during main burn	220 - 311
Metal Hearth		No		No
Load Door Opening (Width x Height / Depth)	mm *area	894 x 706	ft/inch *area	2'11" x 2'4"
Chamber Size (LxWxH)	m	1.8 x 0.9 x 0.7	ft/inch	6' x 2'11" x 2'4"
Chamber Actual Volume	m ³	1.16	ft ³	41
Chamber Load Volume	m ³	0.47	ft ³	17
Chamber Load Capacity	kg	260	lbs	573
Std Stack Diameter	inch/mm *2D Size	10"	inch *2D Size	10"
No. Main Burners		1		1
No. Secondary Burners		1		1
Burner Output	kW *heat	147	Btu *heat	501, 585
Electric Consumption	kW *electricity	0.25	kW *electricity	0.25

The Waste Spectrum Way:

Here at Waste Spectrum, we do things a little differently.

- Each machine is hand crafted by our team of industry experts at our workshop in the Heart of England.
- Integral to our machines quality is the monolithic casting system, a technology that is unique to the Waste Spectrum brand. The monolithic casting system ensures maximum strength and reliability as the materials can expand and contract at the same rate, unlike brick lined machines. The insulation board reduces heat loss and the stainless anchor system maintains the integrity of the lining.
- The Waste Spectrum monolithic casting system ensures the longevity and reliability of our machines, as they can achieve high temperatures without posing risk to the machines structural integrity.
- Behind the Waste Spectrum brand is a team of experts who are always on hand to discuss any queries or questions that you may have about incineration.



Optional: Cremulator



Optional: Loading Trolley