

The Volkan 2000



The Volkan 2000 is arguably the largest front-loading incinerator available on the market. One of the most diverse incinerators in the range, the Volkan 2000 has been utilised by: swine farmers with the largest of sows, pet cremation for animals such as large horses, cows and other fallen livestock. The Volkan 2000 provides an optimal incineration solution for agricultural businesses looking to dispose of large quantities of animal waste. The front-loading, sliding door provides access to the main chamber so that users can load large animal carcasses easily and optimise the available chamber space.

As with all models in the Volkan Range, the Volkan 2000 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:

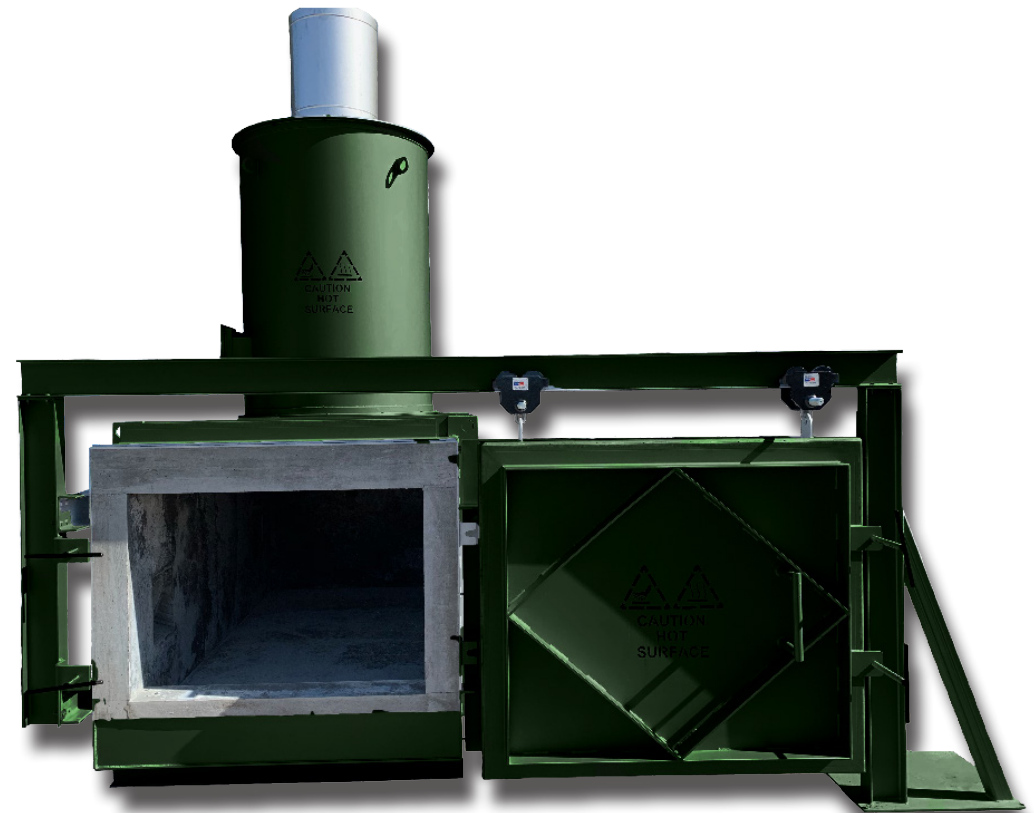
- Low thermal mass monolithic lining
- Front loading design with sliding door provides clear access for ease of use
- Manual or mechanical loading
- Switch between using two and four burners in main chamber maximising flexibility of power
- Large incineration chamber allows for up to 1100kg/2425 lbs to be loaded at a time
- Can be both 50kg per hour burn rate or above depending on local regulation, high-burn rate model available
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Can be loaded whilst in operation, maximising the inherent thermal efficiency of our monolithic lining

Ideally Suited For:

- Pigs and Sows – Any Size
- Dairy Cattle and Beef Herds
- Abattoirs and Slaughterhouses
- Rendering plants
- Meat processing plants
- Equine Cremation – Horses, Donkeys, Ponies

Optional Features:

- High Burn Rate Model Available
- Loading Trolley
- Loading Winch
- USB Data Logger
- Stack Extension
- Heat Exchanger



The Volkan 2000 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	4.4 x 3.5 x 4.7	feet/inch	14'5" x 11'5" x 15'4"
External Height - Static	mm *inc. Stack	4662	feet/inch *inc. Stack	15'4"
External Height - Static	mm *ex. Stack	3668	feet/inch *ex. Stack	12'0"
Weight	Tonne *estimated	7.2	lbs *estimated	15874
Concrete Pad Size (L x W)	m *recommended	6.4 x 5.5	feet/inch *recommended	21' x 18'
Fuel Consumption Diesel	LPH *est during main burn	15 - 22	GPH *est during main burn	4.0 - 5.7
Fuel Consumption LPG	LPH *est during main burn	22 - 32	GPH *est during main burn	5.0 - 8.5
Fuel Consumption Nat Gas	m ³ /h *est during main burn	15 - 22	ft ³ /h *est during main burn	539 - 762
Hearth Bars		No		No
Load Door Opening (Width x Height/Depth)	mm *area	1284 x 910	ft/inch *area	4'3" x 3'
Chamber Size (LxWxH)	m	2.8 x 1.3 x 1.0	ft/inch	9'4" x 4'3" x 3'5"
Chamber Actual Volume	m ³	3.77	ft ³	133
Chamber Load Volume	m ³	1.99	ft ³	70
Chamber Load Capacity	kg	1100	lbs	2425
Std Stack Diameter	inch/mm *2D Size	540 mm	inch/mm *2D Size	540 mm
No. Main Burners		4		4
No. Secondary Burners		1		1
Burner Output	kW *heat	360	Btu *heat	1,228,371
Electric Consumption	kW *electricity	0.55	kW *electricity	0.55

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: Loading Trolley



Optional: Loading Winch