

The Volkan 1750



With a unique split-roller lid, the Volkan 1750 is an extra-large capacity, top-loading incinerator, providing an innovative solution for those looking for regular incineration for a range of animal-by-products. Having a chamber load capacity of up-to 1000 kg/ 2205 lbs, the Volkan 1750 can easily manage the disposal of large animal carcasses, ranging from large pigs and sows, through to cattle and horses. Designed with an inward sloping floor, this incinerator is ideal for burning off liquids associated with abattoir and slaughterhouse waste.

As with all models in the Volkan Range, the Volkan 1750 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:

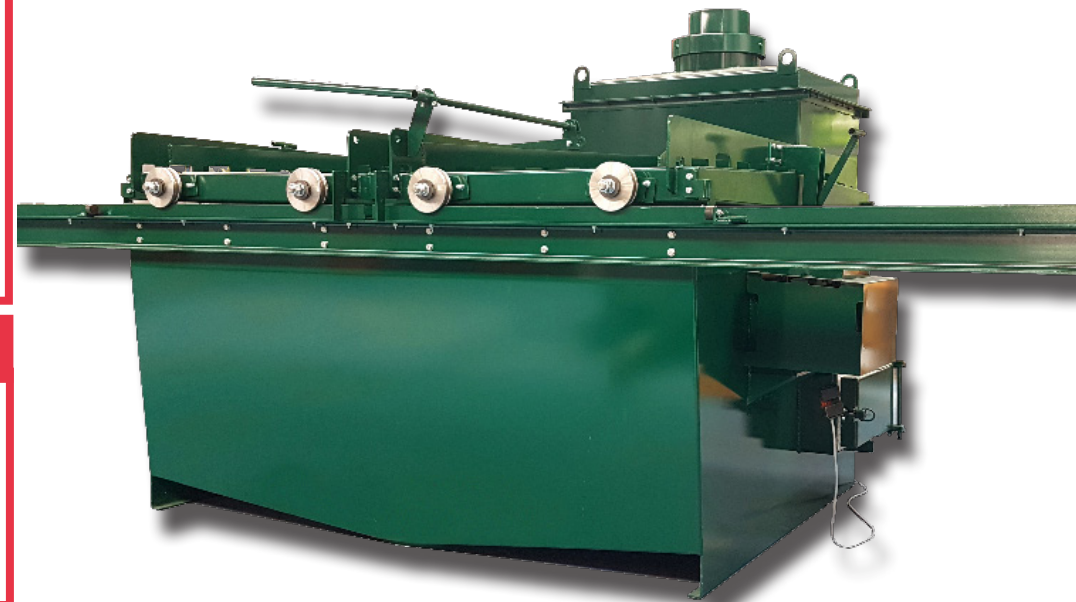
- Low thermal mass monolithic lining
- Top loading, split-roller lid, provides easy and efficient access to the large main chamber
- Unique sloping chamber floor ideal for burning off liquids associated with slaughterhouse waste
- Large incineration chamber allows for up to 1000kg to be loaded at a time
- Two temperature controlled burners located in main chamber and one in the after chamber for optimum efficiency
- 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
- Suitable for mechanical or manual loading methods
- Ash door as standard for easy removal of ash at a convenient time

Ideally Suited For:

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

Optional Features:

- High Burn Rate Model Available
- Ash Rake
- Stack Extension
- USB Data Logger
- Heat Exchanger



The Volkan 1750 Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	50	Up to lbs/hr	111
Front / Top Load		Top		Top
Static Operational Dimensions (LxWxH)	m	4.6 x 3.7 x 3.4	feet/inch	15'1" x 12'2" x 11'3"
External Height - Static	mm*inc. Stack	3431	feet/inch *inc. Stack	11'3"
External Height - Static	mm *ex. Stack	2277	feet/inch *ex. Stack	7'6"
Weight	Tonne *estimated	6.2	lbs *estimated	13,669
Concrete Pad Size (L x W)	m *recommended	6.6 x 5.7	feet/inch *recommended	21'8" x 18'9"
Fuel Consumption Diesel	LPH *est during main burn	15 - 21	GPH *est during main burn	4.0 - 5.6
Fuel Consumption LPG	LPH *est during main burn	22 - 32	GPH *est during main burn	4.9 - 8.4
Fuel Consumption Nat Gas	m ³ /h *est during main burn	15 - 21	ft ³ /h *est during main burn	532 - 751
Hearth Bars		No		No
Load Door Opening (Width x Height/Depth)	mm *area	2164 x 1764	ft/inch *area	7'1" x 5'9"
Chamber Size (LxWxH)	m	1.8 x 2.2 x 1.1	ft/inch	5'9" x 7'1" x 3'6"
Chamber Actual Volume	m ³	3.73	ft ³	132
Chamber Load Volume	m ³	1.80	ft ³	64
Chamber Load Capacity	kg	1000	lbs	2205
Std Stack Diameter	inch/mm *2D Size	14"	inch *2D Size	14"
No. Main Burners		2		2
No. Secondary Burners		1		1
Burner Output	kW *heat	355	Btu *heat	1,211,310
Electric Consumption	kW *electricity	0.5	kW *electricity	0.5

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.



Sloping Chamber View