

The Volkan 750



A popular model for pig farms worldwide and also recognised for its versatility and suitability for applications across the animal-by-product sector, the Volkan 750 has become a staple due to its ability to manage the waste from larger pig operations, including sows and also the daily throughputs of waste from larger poultry operations. A top-loading, counterbalance lid ensures ease of access to the main chamber, enabling users to optimise the available chamber space, with a load capacity of up to 470 kg/1036 lbs.

As with all models in the Volkan Range, the Volkan 750 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 counterbalance lid, provides easy access to the large main chamber
- 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

Ideally Suited For:

- Large Pig Operations – Suitable for Growers, Finishers and Sows
- Poultry
- Sheep – Lambs or Ewes
- Goats
- Game Farms
- Estates
- Farm shops
- Butchers

Optional Features:

- Ash Door
- Ash Rake
- USB Data Logger
- Hearth Bars
- Stack Extension
- Heat Exchanger



The Volkan 750 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	3.2 x 2.3 x 3.1	feet/inch	10'6" x 7'5" x 10'2"
External Height - Static	mm *inc. Stack	3101	feet/inch *inc. Stack	10'2"
External Height - Static	mm *ex. Stack	2198	feet/inch *ex. Stack	7'3"
Weight	Tonne *estimated	2.8	lbs *estimated	6173
Concrete Pad Size (L x W)	m *recommended	5.2 x 4.3	feet/inch *recommended	17'1" x 14'
Fuel Consumption Diesel	LPH *est during main burn	7 - 10	GPH *est during main burn	1.9 - 2.6
Fuel Consumption LPG	LPH *est during main burn	10 - 15	GPH *est during main burn	1.8 - 4.0
Fuel Consumption Nat Gas	m ³ /h *est during main burn	7 - 10	ft ³ /h *est during main burn	250 - 354
Hearth Bars		Optional		Optional
Load Door Opening (Width x Height/Depth)	mm *area	2192 x 892	ft/inch *area	7'2" x 2'11"
Chamber Size (LxWxH)	m	2.2 x 0.9 x 0.8	ft/inch	7'2" x 2'11" x 2'8"
Chamber Actual Volume	m ³	1.57	ft ³	55
Chamber Load Volume	m ³	0.84	ft ³	30
Chamber Load Capacity	kg	470	lbs	1036
Std Stack Diameter	inch/mm *2D Size	16"	inch *2D Size	16"
No. Main Burners		2		2
No. Secondary Burners		1		1
Burner Output	kW *heat	167	Btu *heat	569,828
Electric Consumption	kW *electricity	0.3	kW *electricity	0.3

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.



Internal Main Chamber View



Open-Lid View