

The Volkan 600 1100.2



Suited for larger pig operations such as finishing farms, and placed in size between the Volkan 400/401 and the Volkan 750, the Volkan 600 1100.2 is a more compact model, making it easier for trailer transportation if relocation is required and is ideal for those looking for a quick, effective and bio-secure animal-by-product incineration solution. This model enables you to load up to 300kg/662 lbs of animal waste in a single load and is widely recognised for also being able to deal with other animal-by-products generated across the agricultural sector.

As with all models in the Volkan Range, the Volkan 600 1100.2 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:

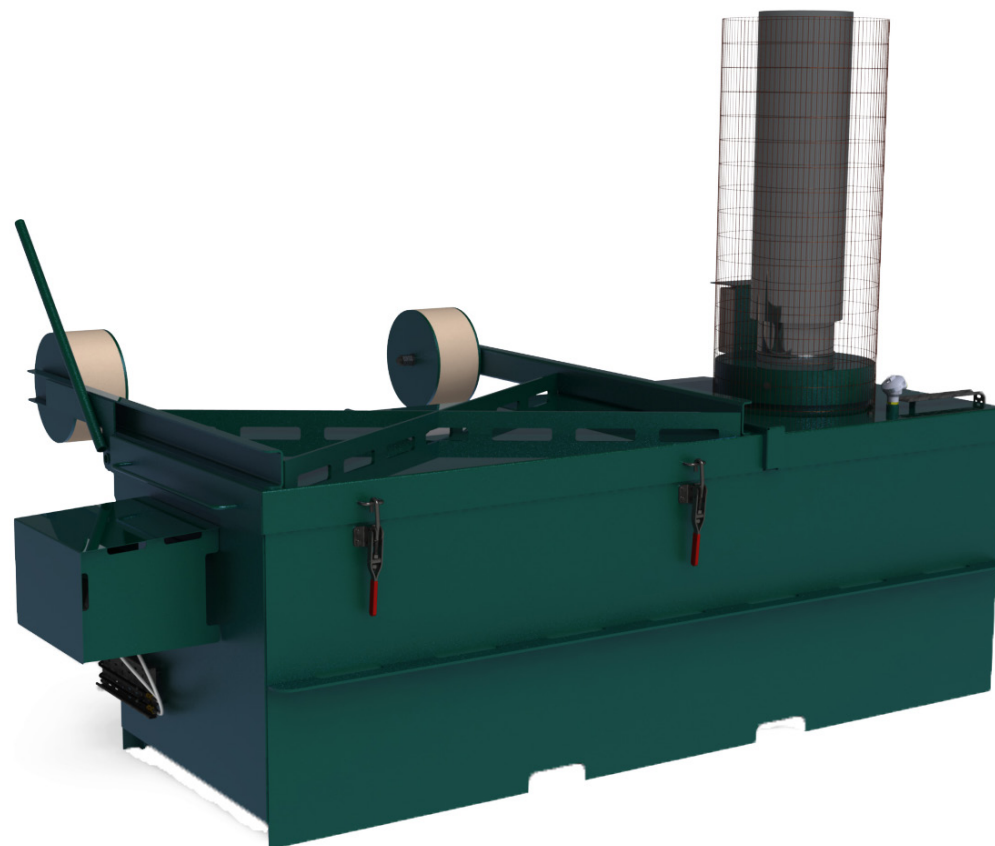
- Low thermal mass monolithic lining
- Top loading counterbalance lid, provides full access to the large main chamber
- Two temperature controlled burners for optimal efficiency
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Burns up to 50kgs/111 lbs an hour
- Load capacity of 300kg/662 lbs
- Can be loaded whilst in operation, maximising throughput whilst utilising the inherent thermal efficiency of our monolithic lining
- The 1100.2 model has a secondary chamber retention time of 0.2 seconds at 1100°C, fully conforming to world recognised regulations

Ideally Suited For:

- Poultry
- Sheep – Lambs or Ewes
- Goats
- Pig Operations / Finishing Farms
- Game Farms
- Estates
- Farm shops
- Butchers

Optional Features:

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



The Volkan 600 1100.2 Static 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 1.9 x 4.2	feet/inch	10'5" x 6'2" x 13'9"
External Height - Static	mm *inc. Stack	4193	feet/inch *inc. Stack	13'9"
External Height - Static	mm *ex. Stack	1598	feet/inch *ex. Stack	5'3"
Weight	Tonne *estimated	2.5	lbs *estimated	5512
Concrete Pad Size (L x W)	m *recommended	5.3 x 3.9	feet/inch *recommended	17'3" x 12'9"
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
Hearth Bars		Optional		Optional
Load Door Opening (Width x Height/Depth)	mm *area	1589 x 788	ft/inch *area	5'3" x 2'7"
Chamber Size (LxWxH)	m	1.8 x 0.8 x 0.7	ft/inch	6'0" x 2'6" x 2'3"
Chamber Actual Volume	m ³	0.93	ft ³	33
Chamber Load Volume	m ³	0.53	ft ³	19
Chamber Load Capacity	kg	300	lbs	662
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: Mobile Model