

The Volkan 600



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 enables you to load up to 300kg/662 lbs of animal waste in a single load. It is also recognised for being able to deal with other animal-by-products generated across the agricultural sector. Full exposure to the main chamber ensures users are able to load the machine via tipping skips and tractor buckets. The Volkan 600 is ideal for those looking for a quick, effective and bio-secure animal-by-product incineration solution.

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

Ideally Suited For:

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

Optional Features:

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



The Volkan 600 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 | 3.3 x 1.9 x 3.5 | feet/inch | 10'8" x 6'2" x 11'7" |
| External Height - Static | mm *inc. Stack | 3520 | feet/inch *inc. Stack | 11'7" |
| External Height - Static | mm *ex. Stack | 2530 | feet/inch *ex. Stack | 8'4" |
| Weight | Tonne *estimated | 2.6 | lbs *estimated | 5733 |
| 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.



Open Lid View



Internal Chamber View