

The Volkan 2000 G



The Volkan 2000 G provides an optimal front-loading, incineration solution, for businesses looking to dispose of large quantities of general waste, ranging from hotel waste, household waste to mining and municipal waste. With a front-loading, sliding door providing access to the main chamber, users can load large quantities of waste easily and optimise the available chamber space. Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control or filtration equipment and if required the Waste Spectrum team will provide additional information and support. As standard the Volkan 2000 G's monolithic lining uses concrete specifically graded to manage the abrasive nature of general waste incineration.

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

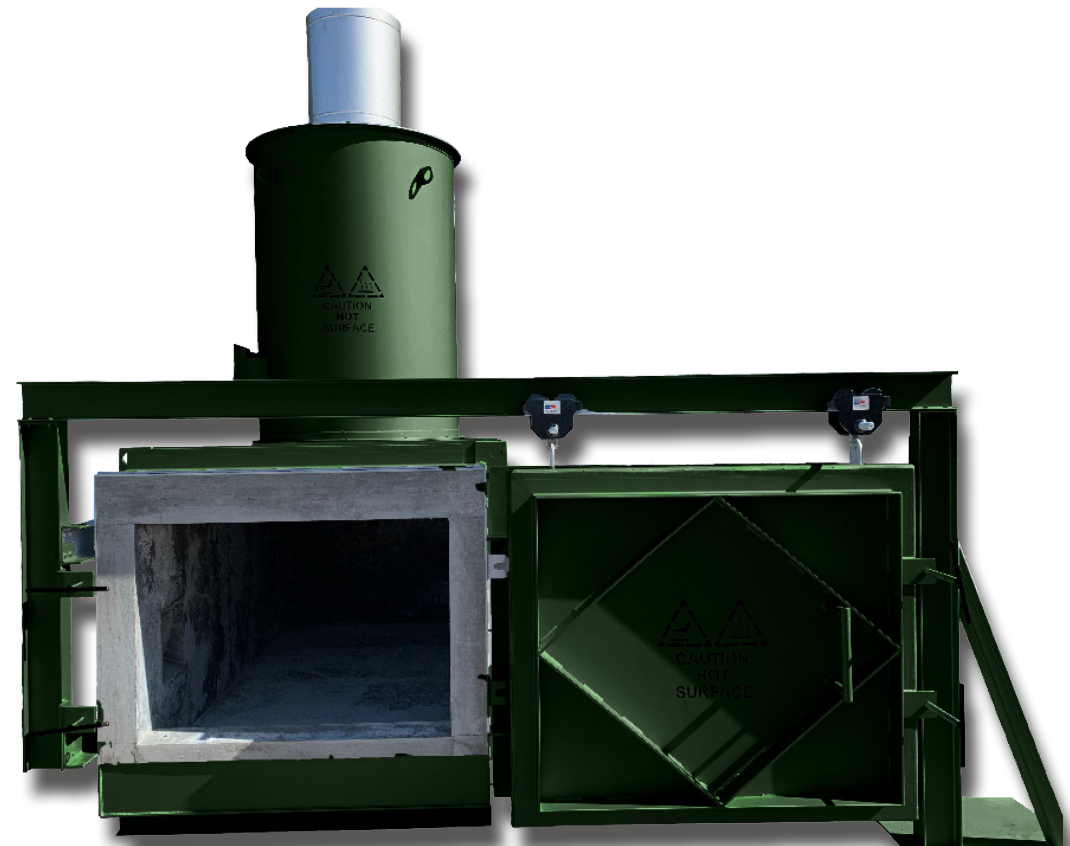
- The Volkan 2000 G's low thermal mass monolithic lining uses concrete specifically graded to manage the abrasive nature of general waste incineration
- Front loading design with sliding door provides clear access for ease of manual or mechanical loading
- Switch between using two and four burners in main chamber maximising flexibility of power
- Large incineration chamber allows for up to 600kg/1323 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:

- Hotel waste
- Remote camp waste
- Manufacturing waste
- Municipal waste (MSW)
- Mining waste
- Food Production Waste

Optional Features:

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



The Volkan 2000 G 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	600	lbs	1323
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