

Volkan 2000 G



Highly reliable and extremely versatile the Volkan 2000 G is a DEFRA 'Type Approved' front loading extra large capacity incinerator ideal for managing the disposal of large volumes of general waste generated by businesses and households. All models in the Volkan Range are supplied with integral secondary chambers and fully conform to EU By-Products Regulation (ABPR) (EC) No 142/2011.No 142/2011.

Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 2000 G is ideal for the disposal large volumes of organic or inorganic waste streams except stone, steel or glass. Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control as this falls under IED (formally known as WID) regulations, if this is required then Waste Spectrum can provide you with further information plus energy recovery options, if required.

The long main incineration chamber of the Volkan 2000 G which can operate using either two or four burners makes it an excellent model capable of adjusting to varied amounts and types of waste. The Volkan 2000 G can be both 50kg per hour burn rate or high burn rate depending on local regulation, allowing for the quick disposal of large quantities of waste in the shortest time possible offering optimal fuel efficiency and maximising profit.



Machine Construction

Integral to each model in the Volkan Range is the unique Waste Spectrum monolithic casting system:

- Ensures maximum strength and reliability in comparison to bricked linings
- Materials expand and contract at the same rate as opposed to bricks and mortar
- Prevents animal fats penetrating the lining which prolongs the life of the incinerator
- Insulating board is used to reduce heat loss
- Maintains an even working temperature for the refractory
- Our Stainless Anchor System maintains the integrity of the lining

Ideally Suited For:

- Equine cremation
- Large cattle carcasses
- Large scale Pig producers
- Abattoirs

For more information contact:

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Features

- Easy to operate – Full training provided
- Front loading design with sliding door providing clear access for ease of manual or mechanical loading
- Switch between using two and four pulse fired burner in main chamber allowing for flexibility on waste stream and load size
- Large incineration chamber allows for up to 1100kg to be loaded at a time
- Can be both 50kg per hour burn rate or above depending on local regulation
- Supplied with higher grade concrete to withstand increased temperatures and the abrasive nature of general waste
- Low thermal mass linings for minimal heat loss
- 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
- Electrical Supply – works on a single phase 16 Amp 230-volt supply, fitted with a 3 pin round Euro plug
- A stainless steel, single skin exhaust stack is supplied as standard

Specifications

Specification - Metric	Unit	Volkan 2000
Burn Rate	Up to kg/hr	50
Front / Top Load		Front
Static Operational Dimensions (LxWxH)	m	4.4 x 3.5 x 4.7
External Height - Static	mm inc. Stack	4662
External Height - Static	mm ex. Stack	3668
Weight	Tonne	7.2
Concrete Pad Size (L x W)	m	6.4 x 5.5
Fuel Consumption	Diesel - LPH	15 - 22
Fuel Consumption	LPG - LPH	22 - 32
Fuel Consumption	Nat Gas m ³ /h	15 - 22
Hearth Bars		No
Load Door Width	mm	1284
Load Door Height/Depth	mm	910
Door Opening (W x H)	mm	1284 x 910
Chamber Size (LxWxH)	m	2.8 x 1.3 x 1.0
Chamber Actual Volume	m ³	3.77
Chamber Load Volume	m ³	1.99
Chamber Load Capacity	kg	1100
Std Stack Diameter	inch	540mm
No. Main Burners		4
No. Secondary Burners		1
Burner Output kW	kW	360
Electric Consumption	kW	0.55

Specification - Imperial	Unit	Volkan 2000
Burn Rate	Up to lbs/hr	111
Operational Dimensions (LxWxH)	Feet	14.4 x 11.4 x 15.3
External Height	inch inc. stack	183.54
External Height	inch ex. stack	144.41
Weight	lbs	15874
Chamber Actual Volume	ft ³	133.14
Chamber Load Volume	ft ³	70.24
Chamber Load Capacity	lb/ft ³	69
Burner Output	Btu	1228371
Fuel Consumption	Diesel US GPH	4.0 - 5.7
Fuel Consumption	LPG US GPH	5.0 - 8.5
Fuel Consumption	Nat Gas ft ³ /h	539 - 762

Ask about our custom built solutions

*All specifications are based on the standard Volkan 2000 model and may not be representative of the model variant displayed. For further information please speak to our team.