

Volkan 1750 G



The Volkan 1750 G is a DEFRA 'Type Approved' top loading extra large capacity incinerator ideal for 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.

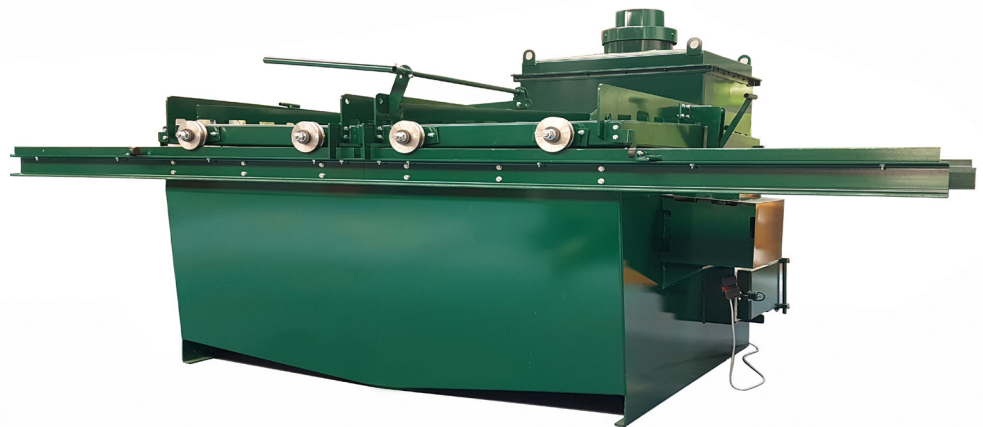
Designed, engineered and manufactured at our Worcester production facility in the UK the Volkan 1750 G has a sliding split-lid that gives full access to the main chamber making it ideal for the disposal of all organic or inorganic waste streams except stone, steel or glass.

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 Volkan 1750 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.



Split-lid slides open from the middle to provide full width access for loading.



Volkan 1750

Ideally Suited For:

- Hotel waste
- Remote camp waste
- Domestic waste
- Manufacturing waste

- Community waste
- Municipal waste (MSW)
- Mining waste
- Wood/Paper

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
- 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

For more information contact:

+44 (0)1905 362 100

www.wastespectrum.com

Follow us on:



Volkan 1750 G



SPECIFICATIONS

Burn rate	Up to 50kg/hr (available as high capacity)
Front or top loading	Top
Overall size (L x W x H)	3.7 x 4.6 x 3.6 m
Fuel consumption	
Diesel	15 – 21 Litres Per Hour
LPG	22 – 32 Litres Per Hour
Fire bars	No
External height (excluding standard stack)	2277 mm
External height (including standard stack)	3641 mm
Standard stack diameter (2D Size)	16"
Door opening (L x W)	2164 x 1764 mm
Load height	1225 mm
Chamber size (L x W x H)	1.8 x 2.2 x 1.1 m
Chamber volume	3.73 m ³
Chamber load volume	1.80 m ³
Chamber load capacity	1000kg
Chamber capacity	2060kg
Total weight	6.4 Tonne
Concrete pad size (L x W)	5.7 x 6.6 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	355
Electric consumption (KW/hr)	0.35

Features

- Easy to operate – Full training provided
- Top loading design provides full access to incineration chamber for ease of loading
- Can be loaded by mechanical or manual methods
- Two temperature controlled pulse fired burners located in the main chamber for optimal efficiency
- Unique sloping incineration chamber floor ideal for burning off liquids associated with slaughterhouse waste
- Large incineration chamber allows for up to 1000kg to be loaded at a time
- Can be both 50kg per hour burn rate or above depending on local regulation
- Two integral ash doors as standard for ease of ash removal
- 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

Ask about our custom built solution

For more information contact:

+44 (0)1905 362 100

www.wastespectrum.com

Follow us on:

