

The Volkan 1750 HB



The Volkan 1750 HB is an extra-large capacity incinerator with a high burn rate*, enabling it to effectively manage the disposal of large quantities of animal waste at a much quicker rate. The 1750 HB allows for the quick disposal of waste and due to the more powerful burners, volumes of waste are disposed of in the shortest possible time. Due to its unique split-roller lid and inward sloping floor, the Volkan 1750 HB has become popular amongst pig producers, slaughterhouses and abattoirs, as it enables an easy and efficient loading of larger animal carcasses.

*Higher burn rates are dependent on efficient usage and waste type and this may be subject to your local regulations, speak to a member of our team for more information. As with all models in the Volkan Range, the Volkan 1750 HB 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, split-roller lid, provides easy and efficient access to the large main chamber
- 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
- Two temperature controlled burners located in main chamber and one in the after chamber for optimum efficiency
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Higher burn rate of up to 100kgs/221 lbs an hour
- Can be loaded whilst in operation, maximising the inherent thermal efficiency of our monolithic lining
- Suitable for mechanical or manual loading methods
- Ash door as standard for easy removal of ash at a convenient time

Ideally Suited For:

- Pigs and Sows – Any Size
- Abattoirs and Slaughterhouses
- Rendering plants
- Meat processing plants
- Dairy Cattle and Beef Herds
- Equine Cremation – Horses, Donkeys, Ponies

Optional Features:

- Ash Rake
- Stack Extension
- USB Data Logger
- Heat Exchanger



The Volkan 1750 HB Specifications

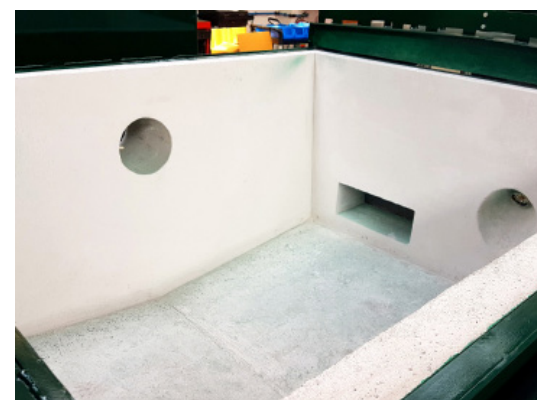


Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	*100	Up to lbs/hr	*221
Front / Top Load		Top		Top
Static Operational Dimensions (LxWxH)	m *inc Standard Stack	4.6 x 3.7 x 3.4	feet/inch *inc Standard Stack	15'1" x 12'2" x 11'3"
External Height - Static	mm *inc. Stack	3431	feet/inch *inc. Stack	11'3"
External Height - Static	mm *ex. Stack	2277	feet/inch *ex. Stack	7'6"
Weight	Tonne *estimated	6.2	lbs *estimated	13,669
Concrete Pad Size (L x W)	m *recommended	6.6 x 5.7	feet/inch *recommended	21'8" x 18'9"
Fuel Consumption Diesel	LPH *est during main burn	23 - 32	GPH *est during main burn	6.0 - 8.5
Fuel Consumption LPG	LPH *est during main burn	33 - 48	GPH *est during main burn	8.0 - 12.7
Fuel Consumption Nat Gas	m ³ /h *est during main burn	23 - 32	ft ³ /h *est during main burn	806 - 1139
Hearth Bars		No		No
Load Door Opening (Width x Height/Depth)	mm *area	2164 x 1764	ft/inch *area	7'1" x 5'9"
Chamber Size (LxWxH)	m	1.8 x 2.2 x 1.1	ft/inch	5'9" x 7'1" x 3'6"
Chamber Actual Volume	m ³	3.73	ft ³	132
Chamber Load Volume	m ³	1.80	ft ³	64
Chamber Load Capacity	kg	1000	lbs	2205
Std Stack Diameter	inch/mm *2D size	14"	inch *2D size	14"
No. Main Burners		2		2
No. Secondary Burners		1		1
Burner Output	kW *heat	538	Btu *heat	1'835'732
Electric Consumption	kW *electric	1.2	kW *electric	1.2

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.



Sloping Chamber View