

The Volkan 400 1100.2 Mobile



The Volkan 400 1100.2 Mobile is the ideal mobile incineration solution for those with regular Animal-By-Product waste and **medical waste incineration requirements. The Volkan 400 1100.2 Mobile has fast become a first choice due to its large main chamber, that can be easily accessed through its top-loading counterbalance lid, enabling users to easily load up to 240kg of waste. The Volkan 400 1100.2 Mobile is more compact, enabling trailer transportation for easy relocation.

As with all models in the Volkan Range, the Volkan 400 1100.2 Mobile 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. **Subject to your local regulations.

Key Features:

- Monolithic Lining - Will be graded according to your waste type
- If supplied as a complete mobile system, a trailer, fuel tank and generator is included
- Top loading counterbalance lid, providing easy access to the main chamber
- Trailer mounted for ease of transportation and relocation to different sites
- 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
- Burns up to 50kgs/111 lbs an hour
- Can be loaded whilst in operation, maximising throughput whilst utilising the inherent thermal efficiency of our monolithic lining
- The 1100.2 model has a secondary chamber retention time of 1100°C at 0.2 seconds, fully conforming to world recognised regulations

Ideally Suited For:

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

Optional Features:

- Static Option Available
- Metal Hearth
- Ash Door
- USB Data Logger
- Ash Rake
- Stack Extension



The Volkan 400 1100.2 Mobile Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	50	Up to lbs/hr	111
Front / Top Load		Top		Top
Operational Dimensions (LxWxH)	m *inc Standard Stack	5.0 x 2.4 x 2.7	feet/inch *inc Standard Stack	16' 4" x 7' 10" x 9'
External Height - Mobile	mm *inc. Stack	2733	feet/inch *inc. Stack	9'
Weight - Mobile	Tonne *estimated inc trailer	2.9	lbs *estimated inc trailer	6394
Concrete Pad Size (L x W)	m *recommended	NA	feet/inch *recommended	NA
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
Metal Hearth		Optional		Optional
Load Door Opening (Width x Height/Depth)	mm *area	788 x 707	ft/inch *area	2'7" x 2'4"
Chamber Size (LxWxH)	m	1.4 x 0.8 x 0.7	ft/inch	4'7" x 2'6" x 2'3"
Chamber Actual Volume	m ³	0.71	ft ³	25
Chamber Load Volume	m ³	0.42	ft ³	15
Chamber Load Capacity	kg	240	lbs	529
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 *electric	0.25	kW *electric	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.



Internal Chamber View



Optional: Ash Door View