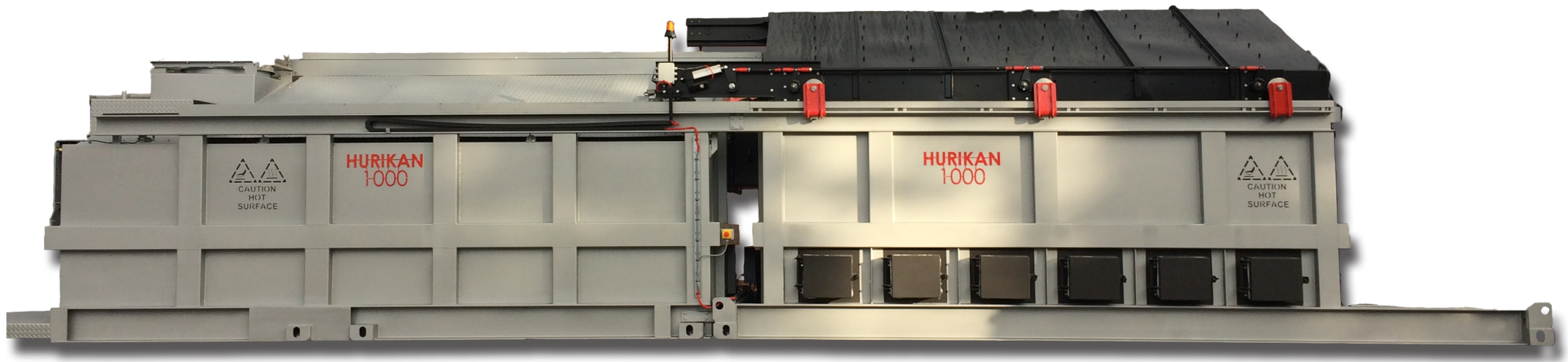


The Hurikan 1000



As the largest incinerator available in the Hurikan range, the Hurikan 1000 is a highly impressive machine capable of dealing with large volumes of animal waste, from slaughterhouses through to extra-large animal carcasses. With a *high burn-rate of up-to 1000kg/2205 lbs per hour, it is no surprise that the Hurikan 1000 is the best-selling model within its range. Frequently utilised by governments around the globe to deal with animal waste-management, the Hurikan 1000 is a proven solution for the provision of rapid and bio-secure incineration of organic waste materials. *Higher burn rates are dependent on efficient usage and waste type. This may be subject to your local regulations. Speak to a member of our team for more information.

As with all models in the Hurikan Range, the Hurikan 1000 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.



*Image shown does not show chimney stack.

The Hurikan 1000



Key Features:

- Fully automated and remote-controlled top-loading door: open/close/clamp operation
- Market leading unique hearth bar technology allows fast and complete incineration
- Low thermal mass monolithic lining
- Pulse fired burners are in both the main chamber and after chamber. With 5 burners in the main chamber, 2 above the hearth bars and 3 below, maximising throughput. Additionally, 2 burners are in the secondary chamber.
- *High burn rate of up to 1000kg/2205 lbs per hour enables fast disposal of waste.
- Ash doors, as standard, allows fast and efficient ash removal whilst in operation removing downtime.
- Fully programmable touch HMI control panel with automatic burner shut off function and rapid ignition burners for low running costs.
- Remote monitoring of the control system, enabling Waste Spectrum to support and monitor the incinerator during operation.
- Multiple channel thermocouple data logger built into PLC.
- Can be loaded whilst in operation maximising the inherent thermal efficiency of our monolithic lining.

Ideally Suited For:

- Equine – Horses, Donkeys and Ponies
- Cattle, Cows and Bovine Species
- Camels
- Pigs and Swine– All sizes
- Poultry
- Sheep and Goats
- Slaughterhouses/Abattoirs
- Any Size of Animal

Optional Features:

- Mobile or Transportable options available
- Stack Extension
- Heat Exchanger



Optional: Mobile Unit

The Hurikan 1000 Specifications

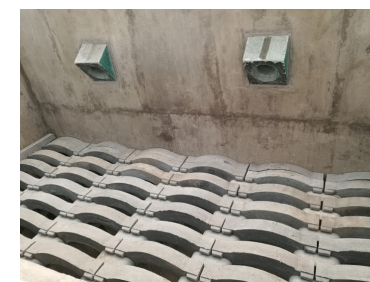


Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	1000	Up to lbs/hr	2205
Front / Top Load		Top		Top
Static Operational Dimensions (LxWxH)	m	11.1 x 2.8 x 5.8	feet/inch	36'5" x 9'3" x 19'
External Height - Static	mm *inc. Stack	5785	feet/inch *inc. Stack	19'
External Height - Static	mm *ex. Stack	2828	feet/inch *ex. Stack	9'3"
Weight	Tonne *estimated	20.5	lbs *estimated	45195
Concrete Pad Size (L x W)	m *recommended	14.5 x 6.0	feet/inch *recommended	47' 7" x 19'8"
Fuel Consumption Diesel	LPH *est during main burn	47 - 66	GPH *est during main burn	12.4 - 17.5
Fuel Consumption LPG	LPH *est during main burn	69 - 99	GPH *est during main burn	17.5 - 26.2
Fuel Consumption Nat Gas	m ³ /h *est during main burn	47 - 66	ft ³ /h *est during main burn	1656 - 2341
Hearth Bars		60		60
Load Door Opening (Width x Height/Depth)	mm *area	3905 x 1880	ft/inch *area	12'10" x 6'2"
Chamber Size (LxWxH)	m	3.9 x 1.9 x (1.5 - 2.2)	ft/inch	12'10" x 6'2" (4'11" - 7'3")
Chamber Actual Volume	m ³	10.92	ft ³	386
Chamber Load Volume	m ³	6.50	ft ³	229
Chamber Load Capacity	kg	3580	lbs	7894
Std Stack Diameter	inch/mm *2D Size	625mm	inch/mm *2D Size	625mm
No. Main Burners		5		5
No. Secondary Burners		2		2
Burner Output	kW *heat	1106	Btu *heat	3,773,829
Electric Consumption	kW *electricity	2.25	kW *electricity	2.25

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 Hearth Bar View



Internal View Burners On