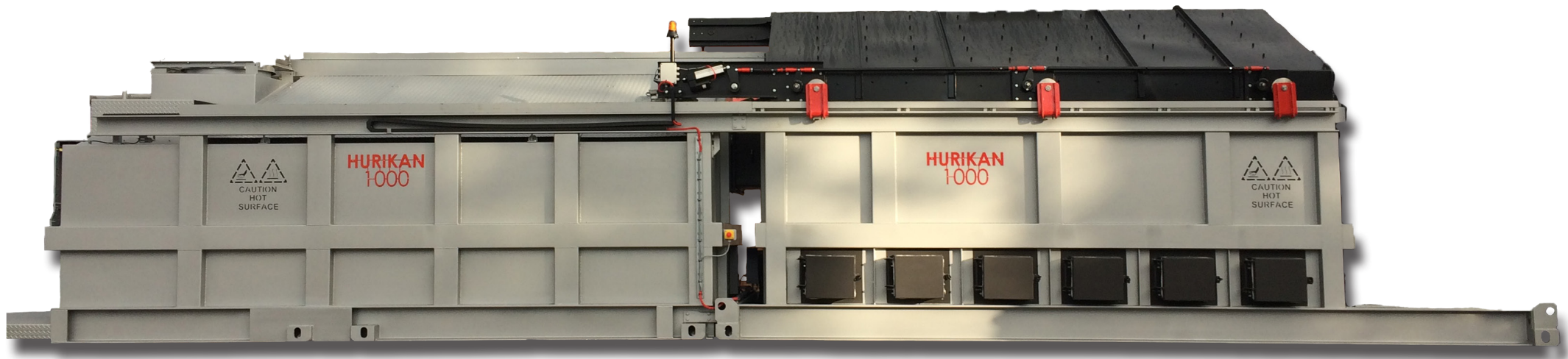


The Hurikan 1000 G



As the largest incinerator available in the Hurikan range, the Hurikan 1000 G is a highly impressive machine capable of managing high-capacity throughputs of **general waste. With a *high burn-rate of up-to 1000kg/2205 lbs per hour, it is no surprise that the Hurikan 1000 G is one of the best-selling models within its range. Frequently utilised by governments around the globe to deal with waste-management, the Hurikan 1000 G is a proven solution for the provision of rapid and bio-secure incineration of organic and inorganic waste materials that could be produced by industries such as the hospitality sector, food production and manufacturing industries. *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. **Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control or additional filtration and if required the Waste Spectrum team will provide additional information and support. As standard the Hurikan 1000 G's monolithic lining uses concrete specifically graded to manage the abrasive nature of general waste incineration.

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



Key Features:

- The Hurikan 1000 G's low thermal mass monolithic lining uses concrete specifically graded to manage the abrasive nature of general waste incineration
- Fully automated and remote-controlled top-loading door: open/close/clamp operation
- Market leading unique hearth bar technology allows fast and complete incineration
- 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 Capacity up to 1000kg/2205 lbs/hr* burn rate 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:

- Emergency Response
- Hotel waste
- Remote camp waste
- Manufacturing waste
- Municipal waste (MSW)
- Mining waste
- Food Production Waste

Optional Features:

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



Optional: Mobile Unit

The Hurikan 1000 G 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	1800	lbs	3968
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