

# The Hurikan 150 M



The Hurikan 150 M\*\* is the ideal incineration solution for medical and clinical waste types for a swift and bio-secure response in the event of disease outbreaks, epidemics, pandemics and disasters. For maximum flexibility we have incorporated in the main lid, two different sized hatches to accommodate loading of variable bagged waste. The Hurikan 150 M benefits users due to its ability to achieve \*high-burn rates of up-to 150kg/331 lbs per hour. \*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 standard the Hurikan 150 M's monolithic lining uses concrete specifically graded for Medical and Clinical waste types.

As with all models in the Hurikan Range, the Hurikan 150 M 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. \*\*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.

## Key Features:

- The Hurikan 150 M's low thermal mass monolithic lining uses concrete specifically graded for Medical and Clinical waste types
- Main top loading lid, provides full and easy access to the whole of the main chamber via winch operation. In addition, two different sized loading hatches on the main lid allow for loading of variable bagged waste.
- 3 pulse fired burners, with 2 located in the main chamber and 1 in the after-chamber, maximising throughput
- Market leading unique hearth bar technology allows for fast and complete incineration
- Ash door, as standard, allows fast and efficient ash removal whilst in operation removing downtime providing a reliable solution when you need it most
- PLC timer controls with automatic burner shut off function and rapid ignition burners for low running costs
- Can be loaded whilst in operation maximising the inherent thermal efficiency of our monolithic lining

## Ideally Suited For:

- Type 4 pathological waste (red bag)
- Surgical waste
- Needles
- Sharps bins
- Bandages / dressings / tissues / bedding
- Blood / plasma / flesh
- Body parts/ flesh / infected bodies
- Laboratory waste
- Samples and test tubes

## Optional Features:

- Mobile Option Available
- USB Data Logger
- Ash Rake
- Stack Extension
- Heat Exchanger



# The Hurikan 150 M Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	150	Up to lbs/hr	331
Front / Top Load		Top		Top
Static Operational Dimensions (LxWxH)	m	2.4 x 2.1 x 3.3	feet/inch	8' x 6'10" x 10'11"
External Height - Static	mm *inc. Stack	3327	feet/inch *inc. Stack	10'11"
External Height - Static	mm *ex. Stack	2500	feet/inch *ex. Stack	8'2"
Weight	Tonne *estimated	2.3	lbs *estimated	5071
Concrete Pad Size (L x W)	m *recommended	6.0 x 5.0	feet/inch *recommended	19'8" x 16'5"
Fuel Consumption Diesel	LPH *est during main burn	10 - 14	GPH *est during main burn	2.5 - 3.6
Fuel Consumption LPG	LPH *est during main burn	13 - 20	GPH *est during main burn	2.8 - 5.4
Fuel Consumption Nat Gas	m <sup>3</sup> /h *est during main burn	10 - 14	ft <sup>3</sup> /h *est during main burn	338 - 478
Hearth Bars		7		7
Load Door Opening (Width x Height)	mm *area	1070 x 600	ft/inch *area	3'6" x 2'
Chamber Size (LxWxH)	m	1.1 x 0.6 x 0.7	ft/inch	3'6" x 2' x 2'2"
Chamber Actual Volume	m <sup>3</sup>	0.40	ft <sup>3</sup>	14
Chamber Load Volume	m <sup>3</sup>	0.19	ft <sup>3</sup>	7
Chamber Load Capacity	kg	110	lbs	243
Std Stack Diameter	inch/mm *2D Size	16"	inch *2D Size	16"
No. Main Burners		2		2
No. Secondary Burners		1		1
Burner Output	kW *heat	226	Btu *heat	771,144
Electric Consumption	kW *electricity	0.325	kW *electricity	0.325

## 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.



Circular Loading Hatches: Ideal for Bagged Medical Waste