

The Hurikan 150 M Mobile



Designed for rapid deployment, the Hurikan 150 M** Mobile is the ideal incineration solution for medical and clinical waste for a swift and bio-secure response in the event of disease outbreaks, epidemics, pandemics and disasters. The Hurikan 150 M Mobile benefits users due to its easily transportable size combined with its ability to achieve *high-burn rates of up-to 150kg/331 lbs per hour. Its design features ensure that it can easily facilitate any re-location requirements and is easily moved between sites. *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 Mobiles'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 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. **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
- Integral, fully bunded fuel tank – detachable for safe usage
- Market leading unique hearth bar technology allows for fast and complete incineration
- Unique mobility, fully road legal and at 3.5 tonnes it can be towed by any suitable vehicle and easily re-located
- Mobile system (includes toolbox, fuel tank & generator)
- Ash door, as standard, allows fast and efficient ash removal whilst in operation removing downtime providing a reliable solution when you need it most
- Temperature controlled pulse fired burners for optimal efficiency
- 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:

- Static Option Available
- Loading Hopper
- USB Data Logger
- Ash Rake
- Stack Extension



*Photo shown illustrates optional loading hopper, Hurikan 150 M Mobile normally supplied with loading hatches

The Hurikan 150 M Mobile Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	150	Up to lbs/hr	331
Front / Top Load		Top		Top
Operational Dimensions (LxWxH)	m	5.1 x 2.4 x 3.6	feet/inch	6'10" x 7'10" x 11'11"
External Height - Mobile	mm *inc. Stack	3627	feet/inch *inc. Stack	11'11"
External Height - Mobile	mm *ex. Stack	2800	feet/inch *ex. Stack	9'2"
Weight	Tonne *estimated	3.8	lbs *estimated	8378
Concrete Pad Size (L x W)	m *recommended	NA	feet/inch *recommended	NA
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 ³ /h *est during main burn	10 - 14	ft ³ /h *est during main burn	338 - 478
Hearth Bars		7		7
Load Door Opening (Width x Height/Depth)	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 ³	0.40	ft ³	14
Chamber Load Volume	m ³	0.19	ft ³	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 as standard on the Hurikan M Mobile: Ideal for Bagged Waste



Optional: Loading Hopper