

The Hurikan 300 M



The Hurikan 300 M is a *high burn-rate incinerator, capable of disposing of clinical and medical waste in an efficient and bio-secure method. The Hurikan 300 M's versatility, combined with its ability to achieve a high-burn rate, has ensured this machine is an ideal solution for primary medical services, hospitals, surgical units and private cosmetic surgery practices as it facilitates the incineration of day-to-day **medical and clinical waste, alongside high throughputs of waste in the event of disease outbreak or medical emergencies. *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 300 M's monolithic lining uses concrete specifically graded for Medical and Clinical waste types.

As with all models in the Hurikan Range, the Hurikan 300 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 300 M's low thermal mass monolithic lining uses concrete specifically graded for Medical and Clinical waste types
- Top loading design with easily moveable, manual slide Open/Close lid. Its simplicity offers effortless operation
- Market leading unique hearth bar technology allows for fast and complete incineration
- Pulse fired burners, above and below the hearth maximises throughput. Three burners are located in the main chamber, with one above the hearth bars and two below. One additional burner is located in the after chamber.
- High burn rate of up to 300kg/ 662 lbs per hour enables fast disposal of waste
- Ash doors, as standard, allows fast and efficient ash removal whilst in operation removing downtime
- 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 or Transportable Options Available
- Ash Rake
- Stack Extension
- Heat Exchanger



The Hurikan 300 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	4.6 x 2.8 x 4.8	feet/inch	15'1" x 9'2" x 15'10"
External Height - Static	mm *inc. Stack	4820	feet/inch*inc. Stack	15'10"
External Height - Static	mm *ex. Stack	2734	feet/inch *ex. Stack	9'
Weight	Tonne *estimated	9.1	lbs *estimated	20063
Concrete Pad Size (L x W)	m *recommended	7.0 x 6.0	feet/inch *recommended	23' x 19'8"
Fuel Consumption Diesel	LPH *est during main burn	17 - 23	GPH *est during main burn	4.4 - 6.2
Fuel Consumption LPG	LPH *est during main burn	24 - 35	GPH *est during main burn	5.5 - 9.2
Fuel Consumption Nat Gas	m ³ /h *est during main burn	17 - 23	ft ³ /h *est during main burn	584 - 826
Hearth Bars		20		20
Load Door Opening (Width x Height/Depth)	mm *area	1305 x 1880	ft/inch *area	4'3" x 6'2"
Chamber Size (LxWxH)	m	1.3 x 1.9 x (1.5-2.2)	ft/inch	4'3" x 6'2" x (4'11" - 7'3")
Chamber Actual Volume	m ³	3.54	ft ³	125
Chamber Load Volume	m ³	2.13	ft ³	75
Chamber Load Capacity	kg	600	lbs	1323
Std Stack Diameter	inch/mm *2D Size	540mm	inch/mm *2D Size	540mm
No. Main Burners		3		3
No. Secondary Burners		1		1
Burner Output	kW *heat	390	Btu *heat	1,330,735
Electric Consumption	kW *electricity	0.9	kW *electricity	0.9

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.



Ash Door View



Main Chamber View