

# The Hurikan 150 M



The Hurikan 150 M is a top loading incinerator, ideal for managing the clean, quick and biosecure disposal of clinical and medical waste including type 4 pathological waste (red bag waste).

The Hurikan 150 M's design features make it the perfect solution for rapid response deployment in the event of disease, epidemic or disaster. Ideal for use in remote, difficult to access areas the Hurikan 150 M includes a loading hopper for semi-automatic loading along with all the accessories needed to make it a completely self-contained unit. The Hurikan 150 M is also available as a static model so with a burn rate of up to 150kg per hour for this type of waste this provides an excellent solution for when a rapid biosecure disposal solution is required.

## Machine Construction:

Integral to each model in the Hurikan range is the unique Waste Spectrum monolithic casting system:

- Ensures maximum strength in comparison to brick linings
- Materials expand and contract at the same rate as opposed to bricks and mortar
- Prevents animal fats penetrating the lining which prolongs life of the incinerator
- Insulating board is used to reduce heat loss
- Maintains an even temperature for the refractory
- Our stainless steel anchor system maintains the integrity of the lining

## Features:

- Unique mobility, fully road legal and at 3.5 tonnes it can be towed by any suitable vehicle
- Integral, fully bunded fuel tank – detachable for safe usage
- Mobile system (includes tool box, fuel tank & generator)
- Also available as a static
- Easy operation, full training provided
- Top loading design provides easy access via a counterbalance lid
- Market leading unique hearth bar technology allows for fast and complete incineration
- 3 pulse fired burners, with 2 located in the main chamber and 1 in the after chamber maximising throughput
- 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
- Low thermal mass linings for minimal heat loss
- PLC timer controls with automatic burner shut off function and rapid ignition pulse fired burners for low running costs
- Can be loaded whilst in operation maximising the inherent thermal efficiency of our monolithic lining
- A stainless steel, single skin exhaust stack is supplied as standard
- Electrical Supply – mobile version supplied with a generator. Static option works on a single phase 16 Amp 230 volt supply, fitted with a 3 pin round Euro plug



# The Hurikan 150 M Specifications



Specification - Metric	Unit	Hurikan 150
Burn Rate	Up to kg/hr	150
Front / Top Load		Top
Static Operational Dimensions (LxWxH)	m	2.4 x 2.1 x 3.3
Mobile Operational Dimensions (L x W x H)	m	5.1 x 2.4 x 3.6
External Height - Static	mm inc. Stack	3327
External Height - Static	mm ex. Stack	2500
Weight	Tonne	2.3
Mobile Weight	Tonne	3.8
Concrete Pad Size (L x W)	m	6.0 x 5.0
Fuel Consumption	Diesel - LPH	10 - 14
Fuel Consumption	LPG - LPH	13 - 20
Fuel Consumption	Nat Gas m <sup>3</sup> /h	10 - 14
Hearth Bars		7
Load Door Width	mm	1070
Load Door Height/Depth	mm	600
Door Opening (W x H)	mm	1070 x 600
Chamber Size (LxWxH)	m	1.1 x 0.6 x 0.7
Chamber Actual Volume	m <sup>3</sup>	0.4
Chamber Load Volume	m <sup>3</sup>	0.19
Chamber Load Capacity	kg	110
Std Stack Diameter	inch	16"
No. Main Burners		2
No. Secondary Burners		1
Burner Output kW	kW	226
Electric Consumption	kW	0.325

Specification - Imperial	Unit	Hurikan 150
Burn Rate	Up to lbs/hr	331
Operational Dimensions (LxWxH)	Feet	7'10" x 6'12" x 10'11"
External Height	inch inc. stack	10'11"
External Height	inch ex. stack	8'2"
Weight	lbs	5071
Mobile Weight	lbs	8378
Chamber Actual Volume	ft <sup>3</sup>	14.13
Chamber Load Volume	ft <sup>3</sup>	6.82
Chamber Load Capacity	lbs	243
Burner Output	Btu	771144
Fuel Consumption	Diesel US GPH	2.5 - 3.6
Fuel Consumption	LPG US GPH	2.8 - 5.4
Fuel Consumption	Nat Gas ft <sup>3</sup> /h	338 - 478



Hearth Bars



Loading Hopper

## 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

## Custom Built Solutions:

- Custom Built Solutions Available
- All specifications are based on the standard Hurikan 150 model and may not be representative of the model variant displayed.