

Hurikan 150 M



The Hurikan 150 M is a DEFRA 'Type Approved' 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).

Designed, engineered and manufactured at our Worcester production facility in the UK 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 100kg per hour for this type of waste this provides an excellent solution for when a rapid biosecure disposal solution is required.

As with all models in the Hurikan Range the Hurikan 150 M is supplied with an integral secondary chamber as standard and fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011. Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control as this falls under IED (formerly known as WID) regulations, if this is required then Waste Spectrum can provide you with further information plus energy recovery options, if required.



Semi-automatic loading hopper for controlled loading and operator safety.



The unique hearth bar technology allows for efficient incineration from above and below.



Hurikan 150

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

Machine Construction

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

- Ensures maximum strength and reliability in comparison to bricked linings
- Materials expand and contract at the same rate as opposed to bricks and mortar
- Insulating board is used to reduce heat loss
- Maintains an even working temperature for the refractory
- Our Stainless Anchor System maintains the integrity of the lining

For more information contact:

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Hurikan 150 M



SPECIFICATIONS

Burn rate	Up to 100kg/hr
Front or top loading	Top
Overall size (L x W x H)	2.3 x 2.2 x 3.3
Fuel consumption	
Diesel	10 – 14 Litres Per Hour
LPG	13 – 20 Litres Per Hour
Fire bars	Yes
External height (excluding standard stack)	2500 mm
External height (including standard stack)	3322 mm
Standard stack diameter (2D Size)	16"
Door opening (L x W)	1070 x 600 mm
Load height	1332 mm
Chamber size (L x W x H)	1.1 x 0.6 x 0.7 m
Chamber volume	0.40 m ³
Chamber load volume	0.19 m ³
Chamber load capacity	110kg
Chamber capacity	220kg
Total weight	3.5 Tonne
Concrete pad size (L x W)	8.5 x 6.0 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	226
Electric consumption (KW/hr)	0.325

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
- Pulse fired burners, 1 above hearth and 1 below hearth maximises 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

Ask about our custom built solution

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