

Hurikan 500 G



The Hurikan 500 G is a DEFRA 'Type Approved' top loading incinerator ideal for managing the disposal of general waste generated by businesses and households. All models in the Hurikan Range are supplied with integral secondary chambers and fully conform to EU By-Products Regulation (ABPR) (EC) No 142/2011.

Designed, engineered and manufactured at our Worcester production facility in the UK the Hurikan 500 G is built using our market leading unique hearth bar technology. With above and below hearth burners this model is capable of managing high capacity throughputs of all organic or inorganic waste streams except stone, steel or glass. 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 (formally known as WID) regulations, if this is required then Waste Spectrum can provide you with further information plus energy recovery options, if required.

The Hurikan 500 G is available as a static or mobile unit and with a burn rate of up to 500kg per hour this model provides an excellent solution for when a rapid biosecure disposal solution is required.



With a burn rate of up to 500kg per hour, this model can dispose of 10,000 chickens per day.



Easy to open sliding lid providing clear access for mechanical or manual loading.



Hurikan 500

Ideally Suited For:

- Hotel waste
- Remote camp waste
- Domestic waste

- Manufacturing waste
- Community waste
- Municipal waste (MSW)
- Mining waste

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
- Prevents animal fats penetrating the lining which prolongs the life of the incinerator
- 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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SPECIFICATIONS

Burn rate	Up to 500kg/hr
Front or top loading	Top
Overall size (L x W x H)	6.1 x 2.7 x 5.5
Fuel consumption	
Diesel	22 – 31 Litres Per Hour
LPG	32 – 46 Litres Per Hour
Fire bars	Yes
External height (excluding standard stack)	2774 mm
External height (including standard stack)	5475 mm
Standard stack diameter (2D Size)	526 mm
Door opening (L x W)	1955 x 1880 mm
Load height	1730 mm
Chamber size (L x W x H)	2.0 x 1.9 x (1.5 -2.2) m
Chamber volume	5.30 m ³
Chamber load volume	3.13 m ³
Chamber load capacity	1720kg
Chamber capacity	2920kg
Total weight	14 Tonne
Concrete pad size (L x W)	8.0 x 6.0 m
Electrical supply requirements	Single phase 16A 230VAC 50/60Hz
Burner output (KW)	517
Electric consumption (KW/hr)	1

Features

- Easy operation, full training provided
- Mechanical or manual loading possible
- Top loading design with easily moveable 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 hearth maximises throughput with 3 burners in the main chamber; 1 above hearth & 2 below hearth
- High Capacity up to 300kg / hr burn rate enables fast disposal of waste
- Ash doors, as standard, allows fast and efficient ash removal whilst in operation removing downtime
- 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
- Available as a static or **mobile system
- Electrical Supply – Static unit works on a single phase 16 Amp 230 volt supply, fitted with a 3 pin round Euro plug. **Mobile unit powered by generator

Ask about our custom built solution

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