

# Hurikan 500



The Hurikan 500 is a DEFRA 'Type Approved' top loading incinerator ideal for managing the disposal of animal carcasses and abattoir waste. 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 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 a wide range of organic waste material.

The Hurikan 500 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 on farm use where 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:

- A wide range of animal carcasses
- Abattoir 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

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