

Hurikan 300



The Hurikan 300 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 300 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 300 is available as a static or mobile unit and with a burn rate of up to 300kg per hour this model provides an excellent solution for on farm use where a rapid biosecure disposal solution is required.



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



Ash doors, as standard, allow fast and efficient ash removal whilst in operation.



Hurikan 300

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

Ideally Suited For:

- A wide range of animal carcasses
- Abattoir waste

For more information contact:

+44 (0)1905 362 100

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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

Specifications

Specification - Metric	Unit	Hurikan 300
Burn Rate	Up to kg/hr	300
Front / Top Load		Top
Static Operational Dimensions (LxWxH)	m	4.6 x 2.8 x 4.8
Mobile Operational Dimensions (L x W x H)	m	7.2 x 2.8 x 5.3
External Height - Static	mm inc. Stack	4820
External Height - Static	mm ex. Stack	2734
Weight	Tonne	9.1
Mobile Weight	Tonne	12.7
Concrete Pad Size (L x W)	m	7.0 x 6.0
Fuel Consumption	Diesel - LPH	17 - 23
Fuel Consumption	LPG - LPH	24 - 35
Fuel Consumption	Nat Gas m³/h	17 - 23
Hearth Bars		Yes
Load Door Width	mm	1305
Load Door Height/Depth	mm	1880
Door Opening (W x H)	mm	1305 x 1880
Chamber Size (LxWxH)	m	1.3 x 1.9 x (1.5 - 2.2)
Chamber Actual Volume	m³	3.54
Chamber Load Volume	m³	2.13
Chamber Load Capacity	kg	1180
Std Stack Diameter	inch	538mm
No. Main Burners		3
No. Secondary Burners		1
Burner Output kW	kW	390
Electric Consumption	kW	0.9

Specification - Imperial	Unit	Hurikan 300
Burn Rate	Up to lbs/hr	662
Operational Dimensions (LxWxH)	Feet	15.1 x 9.2 x 15.8
External Height	inch inc. stack	189.76
External Height	inch ex. stack	107.64
Weight	lbs	20063
Mobile Weight	lbs	27999
Chamber Actual Volume	ft³	125.02
Chamber Load Volume	ft³	75.18
Chamber Load Capacity	lb/ft³	74
Burner Output	Btu	1330735
Fuel Consumption	Diesel US GPH	4.4 - 6.2
Fuel Consumption	LPG US GPH	5.5 - 9.2
Fuel Consumption	Nat Gas ft³/h	584 - 826

Available as a static or mobile machine

Ask about our custom built solution

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