Hurikan 150



Hurikan 150

The Hurikan 150 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. No 142/2011.

Designed, engineered and manufactured at our Worcester production facility in the UK the Hurikan 150'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 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 is also available as a static model so with a burn rate of up to 150kg per hour and subject to local planning regulation requirements this provides an excellent solution for on farm use where a rapid biosecure disposal solution is required.



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



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

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: +44 (0)1905 362 100



Ideally Suited For:

HURIKAN 150E

- A wide range of animal carcasses
- Abattoir waste



Hurikan150



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

Specifications

Specification - MetricUnitHurikan 150Burn RateUp to kg/hr150Front / Top LoadropStatic Operational Dimensions (LxWxH)m2.4 x 2.1 x 3.3Mobile Operational Dimensions (L x W x H)m5.1 x 2.4 x 3.6External Height - Staticmm inc. Stack3327External Height - Staticmm ex. Stack2500WeightTonne2.3Mobile WeightTonne3.8Concrete Pad Size (L x W)m6.0 x 5.0Fuel ConsumptionDiesel - LPH13 - 20Fuel ConsumptionLPG - LPH13 - 20Fuel ConsumptionNat Gas m³/h10 - 14Hearth BarsVes1000Load Door Widthmm1070 x 600Door Opening (W x H)m1070 x 600Chamber Size (LxWxH)m³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Secondary BurnersKW226Electric ConsumptionKW0.325				
Front / Top LoadTopFront / Top LoadmTopStatic Operational Dimensions (LXWXH)m2.4 × 2.1 × 3.3Mobile Operational Dimensions (L × W × H)m5.1 × 2.4 × 3.6External Height - Staticmm inc. Stack3327External Height - Staticmm ex. Stack2500WeightTonne2.3Mobile WeightTonne3.8Concrete Pad Size (L x W)m6.0 × 5.0Fuel ConsumptionDiesel - LPH10 - 14Fuel ConsumptionNat Gas m³/h10 - 14Hearth BarsIYesLoad Door Widthmm1070Load Door Height/Depthmm1070 × 600Door Opening (W x H)m³0.4Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners22No. Secondary BurnersKW226	Specification - Metric	Unit	Hurikan 150	
Static Operational Dimensions (LxWxH)m2.4 x 2.1 x 3.3Mobile Operational Dimensions (L x W x H)m5.1 x 2.4 x 3.6External Height - Staticmm inc. Stack3327External Height - Staticmm ex. Stack2500WeightTonne2.3Mobile WeightTonne3.8Concrete Pad Size (L x W)m6.0 x 5.0Fuel ConsumptionDiesel - LPH10 - 14Fuel ConsumptionLPG - LPH13 - 20Fuel ConsumptionNat Gas m³/n10 - 14Hearth BarsYes1000Load Door Widthmm600Door Opening (W x H)mm1070 x 600Chamber Load Volumem³0.4Chamber Load Capacitykg110Std Stack Diameterinch16No. Secondary BurnersKW226	Burn Rate	Up to kg/hr	150	
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Fuel ConsumptionNat Gas m³/h10 - 14Hearth BarsVesYesLoad Door Widthmm1070Load Door Height/Depthmm600Door Opening (W x H)mm1070 x 600Chamber Size (LxWxH)m1.1 x 0.6 x 0.7Chamber Actual Volumem³0.4Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners21Burner Output kWkW226	Fuel Consumption	Diesel - LPH	10 - 14	
Hearth BarsYesLoad Door Widthmm1070Load Door Height/Depthmm600Door Opening (W x H)mm1070 x 600Chamber Size (LxWxH)m1.1 x 0.6 x 0.7Chamber Actual Volumem³0.4Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners21Burner Output kWkW226	Fuel Consumption	LPG - LPH	13 - 20	
Load Door Widthmm1070Load Door Height/Depthmm600Door Opening (W x H)mm1070 x 600Chamber Size (LxWxH)m1.1 x 0.6 x 0.7Chamber Actual Volumem³0.4Chamber Load Volumem³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners-1Burner Output kWkW226	Fuel Consumption	Nat Gas m³/h	10 - 14	-
Load Door Height/Depthmm600Door Opening (W x H)mm1070 x 600Chamber Size (LxWxH)m1.1 x 0.6 x 0.7Chamber Actual Volumem³0.4Chamber Load Volumem³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners2No. Secondary BurnerskW226	Hearth Bars		Yes	
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Chamber Size (LxWxH)m1.1 x 0.6 x 0.7Chamber Actual Volumem³0.4Chamber Load Volumem³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners2No. Secondary Burners1Burner Output kWkW226	Load Door Height/Depth	mm	600	-
Chamber Actual Volumem³0.4Chamber Load Volumem³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners2No. Secondary Burners1Burner Output kWkW226	Door Opening (W x H)	mm	1070 x 600	
Chamber Load Volumem³0.19Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners2No. Secondary Burners1Burner Output kWkW226	Chamber Size (LxWxH)	m	1.1 x 0.6 x 0.7	
Chamber Load Capacitykg110Std Stack Diameterinch16No. Main Burners22No. Secondary Burners11Burner Output kWkW226	Chamber Actual Volume	m³	0.4	
Std Stack Diameterinch16No. Main Burners2No. Secondary Burners1Burner Output kWkW	Chamber Load Volume	m³	0.19	
No. Main Burners2No. Secondary Burners1Burner Output kWkW	Chamber Load Capacity	kg	110	
No. Secondary Burners 1 Burner Output kW kW 226	Std Stack Diameter	inch	16	
Burner Output kW kW 226	No. Main Burners		2	
	No. Secondary Burners		1	
Electric Consumption kW 0.325	Burner Output kW	kW	226	
	Electric Consumption	kW	0.325	

- 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

Specification - Imperial	Unit	Hurikan 150
Burn Rate	Up to lbs/hr	331
Operational Dimensions (LxWxH)	Feet	8.0 x 6.8 x 10.9
External Height	inch inc. stack	130.98
External Height	inch ex. stack	98.43
Weight	lbs	5071
Mobile Weight	lbs	8378
Chamber Actual Volume	ft ³	14.13
Chamber Load Volume	ft ³	6.82
Chamber Load Capacity	lb/ft ³	7
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 ft³/h	338 - 478

Available as a static or mobile machine

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