

# HURIKAN™

EMERGENCY INCINERATION UNIT



waste  
spectrum



## HURIKAN 1000E

advanced mobile incineration systems

HURIKAN 1000E emergency incineration systems are exceptionally sturdy, highly mobile, high-capacity units designed for use wherever large volumes of waste needs to be incinerated quickly. They have been specifically developed to swiftly and easily incinerate a wide range of material, including carcasses resulting from catastrophic events (such as oil spillages, earth-quakes and typhoons) or outbreaks of disease (such as Avian Flu, Foot & Mouth disease, BSE and Swine Fever), medical waste and contraband (such as illegal drugs). The HURIKAN 1000E is the largest capacity EU ABPR compliant mobile incinerator available.

[www.HURIKANincinerators.com](http://www.HURIKANincinerators.com)

# HURIKAN 1000E

## advanced mobile incineration system

### Why choose the HURIKAN 1000E?

#### Very large load capacity

The HURIKAN 1000E is an unrivalled force in the incineration of large volumes of waste. It can process a wide range of material, including carcasses resulting from catastrophic events (such as oil spillages, earth-quakes and typhoons) or outbreaks of disease (such as Avian Flu, Foot & Mouth disease, BSE and Swine Fever), medical waste and contraband (such as illegal drugs). It is the largest capacity EU ABPR 1069/2009 compliant mobile incinerator available and will incinerate continuously, making use of our unique de-ashing system.

#### Fast burn rate

The HURIKAN 1000E's 1000kg per hour burn rate\*\* is the highest of any EU legislation ABPR 1069/2009 compliant model available; a single unit can incinerate in excess of 20,000 chickens a day (with an average weight of 1.2kg). Even faster rates of 3000kg per hour may be achieved.

#### Unique mobility and rapid deployment

It can be quickly towed and manoeuvred into awkward sites. The HURIKAN 1000E can be operational within 2 hours, providing for the swift containment of disease, and saving unnecessary labour and waste transport costs.

#### Simple to use

With automatic burn cycles and a single large, but easily moveable, slide on/off loading door, its simplicity offers effortless operation, despite its size.

#### Robust construction

Built with high quality materials, the HURIKAN 1000E offers reliable service when it is needed the most, designed to cope with the intensive nature of mobile incineration.

#### Legislation compliance

The HURIKAN 150 is fully EU legislation ABPR 1069/2009 compliant and for efficiency and cleaner emissions.

#### Why use mobile incineration?

Mobile incinerators are the most efficient way of processing bulk waste in remote or varied locations. It is also the quickest way to effectively contain outbreak of disease and epidemics. Bio-security is assured by moving the incinerator rather than the diseased carcasses.

For more information contact:  
E: [sales@WasteSpectrum.com](mailto:sales@WasteSpectrum.com)  
T: +44(0)1905 362100  
F: +44(0)1905 362101  
or visit us at:  
[www.WasteSpectrum.com](http://www.WasteSpectrum.com)



### Key Specifications at a glance

Overall	<b>6.63m</b>
Operational Height	(including chimney stack)
Overall	<b>2.8m</b> (including trailer)
Operational Width	
Overall	<b>13.7m</b> (including trailer)
Operational Length	
Total Weight	<b>26,000Kg</b> (including trailer)
Load height	<b>2900mm*</b> main chamber <b>1730mm</b> secondary chamber
Capacity	<b>11.3m<sup>3</sup></b> total volume <b>6.2m<sup>3</sup></b> above hearth
Load Capacity	<b>5000kg</b>
Burn Rate	up to <b>1000kg/hr**</b>

\*based on standard trailer dimensions

\*\*based upon the calorific value of waste stream.  
Specifications subject to change for continuous improvement.

# HURIKAN™

## EMERGENCY INCINERATION UNIT

### [www.HURIKANincinerators.com](http://www.HURIKANincinerators.com)



waste  
spectrum

# HURIKAN 1000E

## technical specifications

### Model:

HURIKAN 1000E Emergency Incineration Unit

### Waste Type:

Whole animal carcass remains or animal carcass waste, medical and organic waste.

### Construction:

Mild steel welded fabrication consisting of sheet steel and structural section supports and bracings. 40ft articulated trailer\* supplied in compliance with the country of destination.

### Lining:

#### Primary chamber

Consists of a monolithic high grade refractory concrete with high grade insulation backing, typical hot face temperature linings from 1300°C. Utilising a refractory hearth for continuous ash removal

#### Secondary Chamber

Consists of high density, low thermal mass refractory ceramic fibre with an innovative low emissivity protective coating.

### Burners:

Fully automatic, high efficiency burners with electronic ignition, flame recognition and combustion control devices fitted.

### Process monitoring:

The standard control incorporates digital display for both primary and secondary chamber temperatures throughout each cycle. Cycle position is also displayed on control LCD display screens.

### Optional Extras

- Temperature data recording equipment
- Fuel tank
- Portable Generator – petrol or diesel fuelled
- Emission Monitoring Equipment

### Compliance:

EU Animal by-product regulation ABPR 1069/2009, UK Animal by-products regulation 2005. Secondary chamber gas residence time >2 seconds @ 850°C.

### Electrical supply:

230VAC, single phase, 50Hz, 16A minimum, mains or generator supplied. Waste Spectrum offer optional petrol or diesel fuelled generators if required.

### Loading & Ash removal:

Single large top access sliding door for mechanical top loading of waste. A full refractory hearth enables the ash to drop through into the de-ashing area. This enables continuous incineration.

### Exterior finish:

Multi-coat high quality, high temperature Aluminium enamel top coat paint finished in silver.

\* Pre-owned trailer.



### Control:

Fully automatic sequential control provided by internal PLC system providing the following control

- a. Secondary chamber pre-heat
- b. Burn cycle (variable)
- c. Turndown cycle
- d. Cool down cycle

\*Semi-automatic loading with burner interlock control

### Fuel:

Diesel, 35 second fuel oil. (LPG also available)

### Specifications:

#### Operational Dimensions

Overall Height	6.63m (including chimney stack)
Overall Width	2.80m (including trailer)
Overall Length	13.7m (including trailer)

#### Transportational Dimensions

Overall Height	3.99m
Overall Width	2.50m
Total Weight	26,000Kg (including trailer)
Load height	2900mm* main chamber 1730mm secondary chamber

Capacity	11.3m <sup>3</sup> total volume 6.2m <sup>3</sup> above hearth
----------	---

Load Capacity	5000kg
Burn Rate	up to 1000kg/hr**
Load Method	Top

\*based on standard trailer dimensions

\*\*based upon the calorific value of waste stream.

# HURIKAN™

## EMERGENCY INCINERATION UNIT

[www.HURIKANincinerators.com](http://www.HURIKANincinerators.com)



waste  
spectrum

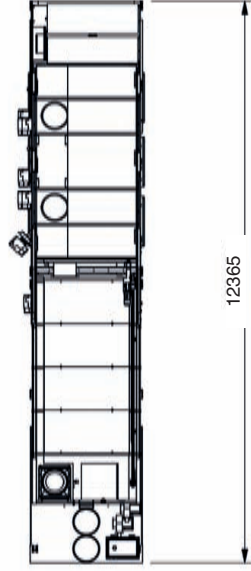
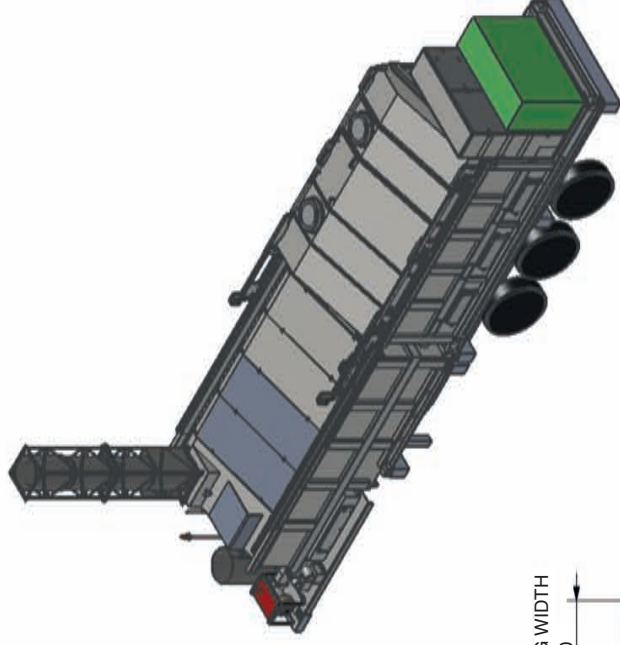
# HURIKAN™

EMERGENCY INCINERATION UNIT

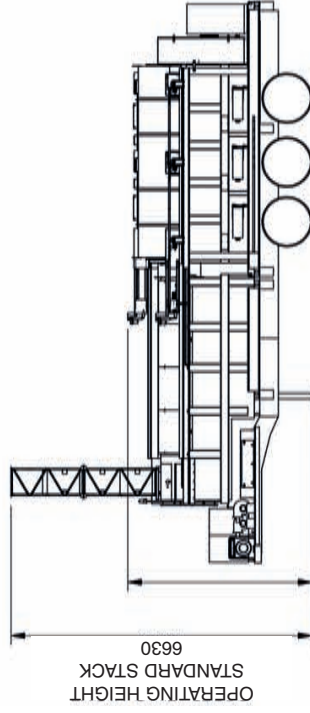
[www.HURIKANincinerators.com](http://www.HURIKANincinerators.com)



# HURIKAN 1000E



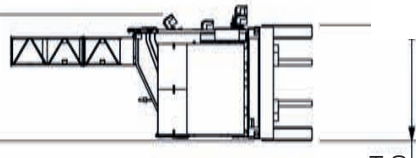
12365



OPERATING HEIGHT  
STANDARD STACK  
6630

TRANSPORT HEIGHT  
Min 3990

OPERATING WIDTH  
2800



TRANSPORT WIDTH  
2550

