

HURIKANTM

EMERGENCY INCINERATION UNIT



waste
spectrum



HURIKAN 3000

advanced mobile animal carcass incinerator

HURIKAN 3000 emergency incinerators are exceptionally sturdy but highly mobile, high capacity units designed to be used in the event of disease, epidemic or disaster. They have been specifically developed to swiftly and easily incinerate large volumes of carcasses resulting from any type of disaster including outbreaks of disease such as: Avian Flu, Foot & Mouth disease, BSE and Swine Fever.

www.HURIKANincinerator.com

HURIKAN 3000

advanced mobile animal carcass incinerator

Why choose the HURIKAN 3000?

Very large load capacity

A 9.5 tonne loading capacity makes the HURIKAN an unrivalled force when dealing with mass carcass incineration, able to deal with all carcass types: cattle, sheep, pigs and fowl. The HURIKAN can incinerate 200 tonnes before de-ashing is required.

Fast burn rate

With fast 2000-3000kg/hr burn rate – a single HURIKAN 3000 can incinerate up to 60,000 chickens a day, at 1.2kg average weight.

Unique mobility

The HURIKAN can quickly be towed and manoeuvred into awkward sites and features rapid incineration rates of 2000-3000kg/hr .

Rapid deployment

The HURIKAN can be operational within 2 hours, providing for the swift containment of disease, and saving unnecessary labour costs.

Simple to use

With automatic burn cycles and two large easily moveable slide on/off loading doors, the HURIKAN's simplicity offers effortless operation, despite it's size.

Robust construction

Made from high quality materials, the HURIKAN offers reliable salvation when it is needed the most, designed to cope with the intensive nature of incineration.

Why use mobile incineration?

Mobile incinerators are the quickest way to effectively contain outbreak of disease and epidemics. Bio-security is assured by moving the incinerator not the diseased carcasses. Held in reserve, a fleet of mobile incinerators can be deployed even faster, preventing the spread of diseases such as foot and mouth.

For more information contact:

E: sales@wastespectrumUK.com

T: +44(0)1905 362100

F: +44(0)1905 362101

or visit us at:

www.wastespectrum.com



Mobile trailer-based incinerator HURIKAN 3000

Key Specifications

Overall Length	11m
Overall Width	2.54m
Overall Height	3.53m
Weight	14.000kg
Load Capacity	9500kg
Burn Rate*	2000-3000kg/hr

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

HURIKAN™

EMERGENCY INCINERATION UNIT

www.HURIKANincinerator.com



**waste
spectrum**

HURIKAN 3000

technical specifications

Model:

HURIKAN 3000 Emergency Incineration Unit

Waste Type:

Whole animal carcass remains or animal carcass waste.

Construction:

Mild steel welded fabrication consisting of sheet steel and structural section supports and bracings. Twin axle agricultural trailer unit.

Lining:

Primary chamber –

Consists of a monolithic high grade refractory concrete with high grade insulation backing, typical hot face temperature linings from 1300°C.

Burners:

Fully automatic, high efficiency burners with electronic ignition, flame recognition and combustion control devices fitted. Primary chamber – 2 on/off controlled 100kW* each.

*dependent upon calorific value of waste stream

Evaporator:

1 on/off controlled 37kW

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. Data recording equipment is available where required.

Electrical supply:

Portable Generator for 230VAC, 1ph 50/60Hz 16A supplied by Waste Spectrum or the customer. Petrol or diesel fuel can be used to power the generator.

Loading – Ash removal:

Two large top access sliding doors for mechanical top loading of waste.

One large removable end access door provided gives easy access to the primary chamber for cleaning, maintenance and de-ashing operations.

Exterior finish:

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

Control:

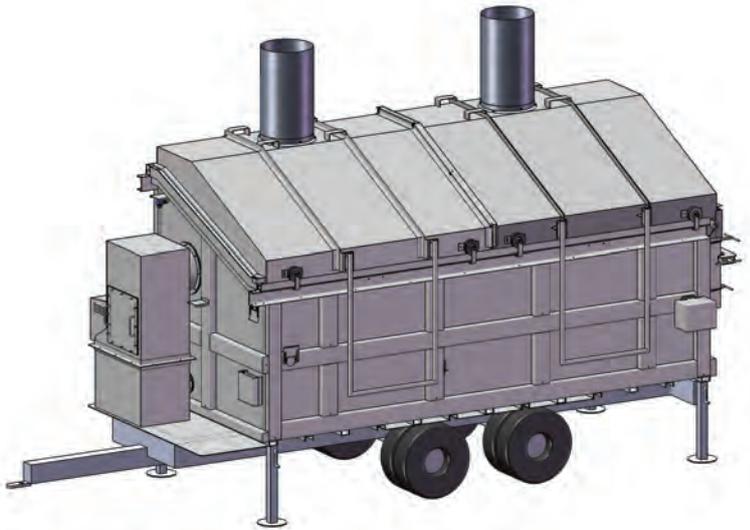
Fully automatic sequential control provided by internal PLC system providing the following control

- Secondary chamber pre-heat
- Burn cycle (variable)
- Turndown cycle
- Cool down cycle

Semi-automatic loading with burner interlock control.

Fuel:

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



Specifications:

Primary Volume	19.4m3
Load Capacity	9500kg
Burn Rate*	2000-3000kg/hr
Load Method	Top
Weight	14,000kg
Typical Dimensions:	
Overall Length	11m
Overall Width	2.54m
Overall Height	3.53m

*based upon the calorific value of waste stream.

Specifications subject to change for continuous improvement.

HURIKANTM
EMERGENCY INCINERATION UNIT
www.HURIKANincinerator.com



HURIKAN™

EMERGENCY INCINERATION UNIT
www.HURIKANincinerator.com



HURIKAN 3000

