

# The Hurikan 300 Mobile



The Mobile Hurikan 300 is a \*high burn-rate incinerator, capable of disposing of waste from a wide range of sectors, such as animal carcasses and animal-by-product, through to \*\*general, medical and clinical waste. The design features of the Hurikan 300 Mobile ensures that it can easily access remote locations and facilitate any relocation requirements. \*Higher burn rates are dependent on efficient usage and waste type. This may be subject to your local regulations. Speak to a member of our team for more information. \*\*Due to the nature of the waste streams and dependent upon local legislation, it may be necessary to include additional emissions control or additional filtration and if required the Waste Spectrum team will provide additional information and support.

As with all models in the Hurikan Range, the Hurikan 300 Mobile is supplied with an integral secondary chamber, ensuring it fully conforms to EU By-Products Regulation (ABPR) (EC) No 142/2011, DEFRA Regulations and many other legislative bodies around the world.

- Mobile system is supplied with fuel tank, generator, platform ladder, storage facility and ash rake.
- Top loading design with easily moveable, manual slide Open/Close lid. Its simplicity offers effortless operation
- Low thermal mass monolithic lining - Will be graded according to your waste type
- Market leading unique hearth bar technology allows for fast and complete incineration
- Pulse fired burners, above and below the hearth maximises throughput. Three burners are located in the main chamber, with one above the hearth bars and two below. One additional burner is located in the after chamber.
- \*High burn rate of up to 300kg/ 662 lbs per hour enables fast disposal of waste
- Ash doors, as standard, allows fast and efficient ash removal whilst in operation removing downtime
- PLC timer controls with automatic burner shut off function and rapid ignition burners for low running costs
- Can be loaded whilst in operation maximising the inherent thermal efficiency of our monolithic lining

## Ideally Suited For:

- Disaster Response
- Disease Outbreak
- General Waste
- Medical and Clinical Waste
- Animal Carcasses
- Animal-By-Product Waste

## Optional Features:

- Static or Transportable Options Available
- Stack Extension



\*Illustration depicts Hurikan 300 Mobile model

# The Hurikan 300 Mobile Specifications



Specifications	Unit - Metric		Unit - Imperial	
Burn Rate	Up to kg/hr	300	Up to lbs/hr	662
Front / Top Load		Top		Top
Operational Dimensions (LxWxH)	m *est	7.2 x 2.8 x 5.3	feet/inch *est	23'7" x 9'3" x 17'6"
External Height - Mobile	mm *inc. Stack *est	5342	feet/inch *inc. Stack	17'6"
External Height - Mobile	mm *ex. Stack *est	4031	feet/inch *ex. Stack	13'3"
Weight	Tonne *estimated	12.7	lbs *estimated	27999
Concrete Pad Size (L x W)	m	NA	feet/inch	NA
Fuel Consumption Diesel	LPH *est during main burn	17 - 23	GPH *est during main burn	4.4 - 6.2
Fuel Consumption LPG	LPH *est during main burn	24 - 35	GPH *est during main burn	5.5 - 9.2
Fuel Consumption Nat Gas	m <sup>3</sup> /h *est during main burn	17 - 23	ft <sup>3</sup> /h *est during main burn	584 - 826
Hearth Bars		20		20
Load Door Opening (Width x Height/Depth)	mm *area	1305 x 1880	ft/inch *area	4'3" x 6'2"
Chamber Size (LxWxH)	m	1.3 x 1.9 x (1.5-2.2)	ft/inch	4'3" x 6'2" x (4'11" - 7'3")
Chamber Actual Volume	m <sup>3</sup>	3.54	ft <sup>3</sup>	125
Chamber Load Volume	m <sup>3</sup>	2.13	ft <sup>3</sup>	75
Chamber Load Capacity	kg	1180	lbs	2602
Std Stack Diameter	inch/mm *2D Size	540mm	inch/mm *2D Size	540mm
No. Main Burners		3		3
No. Secondary Burners		1		1
Burner Output	kW *heat	390	Btu *heat	1,330,735
Electric Consumption	kW *electricity	0.9	kW *electricity	0.9

## The Waste Spectrum Way:

Here at Waste Spectrum, we do things a little differently.

- Each machine is hand crafted by our team of industry experts at our workshop in the Heart of England.
- Integral to our machines quality is the monolithic casting system, a technology that is unique to the Waste Spectrum brand. The monolithic casting system ensures maximum strength and reliability as the materials can expand and contract at the same rate, unlike brick lined machines. The insulation board reduces heat loss and the stainless anchor system maintains the integrity of the lining.
- The Waste Spectrum monolithic casting system ensures the longevity and reliability of our machines, as they can achieve high temperatures without posing risk to the machines structural integrity.
- Behind the Waste Spectrum brand is a team of experts who are always on hand to discuss any queries or questions that you may have about incineration.



Ash Door View



Main Chamber View