

The Hurikan 700 Mobile



The Hurikan 700 Mobile is one of our largest, top-loading, *high-burn rate, mobile incinerators, used by governments around the globe as it is ideal for managing the disposal of large quantities of various waste types, from animal-by-product waste and large animal carcasses, through to general waste. Boasting an impressive main chamber with a loading capacity of up-to **2440 kg/ 5380 lbs, the Hurikan 700 Mobile is an excellent choice for those requiring regular incineration of large quantities of waste. The design features of the Hurikan 700 Mobile ensures that it can easily access remote locations and facilitate any re-location 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. **Capacity is dependant on waste type. As with all models in the Hurikan Range, the Hurikan 700 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.



*Illustration depicts Hurikan 700 Mobile Model

The Hurikan 700 Mobile



Key Features:

- Monolithic Lining - Will be graded according to your waste type
- As standard, fully automated and remote-controlled top-loading door: open/close/clamp operation.
- Market leading unique hearth bar technology allows fast and complete incineration.
- Eight temperature controlled pulse fired burners, above and below hearth maximises throughput. 6 burners in the main chamber; 2 above & 4 below hearth. With 2 located in the secondary chamber.
- *Mobile system is supplied with fuel tank, generator safety platform ladder, storage facility and ash rake.
- High Capacity up to 700kg/1544 lbs per hour enables fast disposal of waste.
- In the event of disease outbreak the incinerator can be operated, and waste loaded within 2 hours of the incinerator arriving on site providing swift containment.
- Ash doors, as standard, allows fast and efficient ash removal whilst in operation removing downtime.
- Low thermal mass linings for minimal heat loss.
- Fully programmable touch HMI control panel with automatic burner shut off function and rapid ignition pulse fired burners for low running costs.
- Remote monitoring of the control system, enabling Waste Spectrum to support and monitor the incinerator during operation.
- Multiple channel thermocouple data logger built into PLC.
- Can be loaded whilst in operation maximising the inherent thermal efficiency of our monolithic lining.

Ideally Suited For:

- Disaster Response
- Disease Outbreak
- General Waste
- Animal Carcasses of Any Size
- Animal-By-Product Waste

Optional Features:

- Static or Transportable Options Available
- Stack Extension



Image illustrates suggested loading method



Main Chamber View

The Hurikan 700 Mobile Specifications



| Specifications | Unit - Metric | | Unit - Imperial | |
|--|---|-------------------------|--|------------------------------|
| Burn Rate | Up to kg/hr | 700 | Up to lbs/hr | 1544 |
| Front / Top Load | | Top | | Top |
| Operational Dimensions (LxWxH) | m | 12.4 x 2.8 x 5.3 | feet/inch | 40'7" x 9'2" x 17'6" |
| External Height - Mobile | mm *inc. Stack | 5335 | feet/inch *inc. Stack | 17'6" |
| External Height - Mobile | mm *ex. Stack | 3978 | feet/inch *ex. Stack | 13'1" |
| Weight | Tonne *estimated | 20.7 | lbs *estimated | 45636 |
| Concrete Pad Size (L x W) | m | NA | feet/inch | NA |
| Fuel Consumption Diesel | LPH *est during main burn | 40 - 57 | GPH *est during main burn | 10.7 - 15.1 |
| Fuel Consumption LPG | LPH *est during main burn | 59 - 85 | GPH *est during main burn | 15.0 - 22.6 |
| Fuel Consumption Nat Gas | m ³ /h *est during main burn | 40 - 57 | ft ³ /h *est during main burn | 1425 - 2015 |
| Hearth Bars | | 40 | | 40 |
| Load Door Opening (Width x Height/Depth) | mm *area | 2605 x 1880 | ft/inch *area | 8'7" x 6'2" |
| Chamber Size (LxWxH) | m | 2.6 x 1.9 x (1.5 - 2.2) | ft/inch | 8'7" x 6'2" x (4'11" - 7'3") |
| Chamber Actual Volume | m ³ | 7.50 | ft ³ | 265 |
| Chamber Load Volume | m ³ | 4.42 | ft ³ | 156 |
| Chamber Load Capacity | kg | 2440 | lbs | 5380 |
| Std Stack Diameter | inch/mm *2D Size | 625mm | inch *2D Size | 625mm |
| No. Main Burners | | 6 | | 6 |
| No. Secondary Burners | | 2 | | 2 |
| Burner Output | kW *heat | 952 | Btu *heat | 3,248,359 |
| Electric Consumption | kW *electricity | 2.25 | kW *electricity | 2.25 |

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.