



**GENERAL
WASTE
INCINERATOR
SOLUTIONS**



INCINER8

WWW.INCINER8.COM

DESIGNED FOR ALL TYPES OF WASTE INCINERATION

Incineration is an effective, efficient and safe way to dispose of waste from all kinds of environments, from small industrial units to large municipal facilities. An ideal solution for diverting waste from landfill, some of our incinerators can be specified to enable filtered waste to be converted into energy, delivering waste management, environmental and cost benefits.

Designed and manufactured in Britain to ISO 9001 accredited quality assurance standards, Inciner8's incinerators have won Queens's awards for Enterprise, Innovation and International Trade.

Our machines are widely used across a variety of sectors, in the UK and around the world, including municipal waste management, mining, hospitality and manufacturing as well as tackling serious waste management challenges, including controlled drug disposal, humanitarian response and marine waste.









WHY INCINERATORS ARE AN ATTRACTIVE WASTE MANAGEMENT OPTION

Across the world, waste management has become an increasingly challenging problem. As we produce more and more waste, landfill capacity is compromised, and landfill sites are creating a global environmental issue that must be tackled with alternative solutions.

Recycling infrastructure has improved, and the use of recycled materials is developing rapidly, but incineration remains one of the safest, most effective and cost-efficient way to destroy waste and prevent it from contaminating our oceans and ecosystems.

WORK WITH A COMPANY YOU CAN TRUST

Enabling you to treat waste safely, often at source, our incinerators will help you drive down waste treatment costs and reduce reliance on external resources.

Manufactured in the UK to the highest standards, Inciner8 incinerators provide excellent corrosion resistance at high temperatures, with a wide variety of compact and larger models available to meet any requirement. Our systems are designed to operate at a minimum temperature of 850°C and feature a secondary chamber to deliver a two-second retention period, ensuring the complete destruction of all waste. The incinerators can be operated using a variety of fuels including natural gas, LPG, diesel, light oil or kerosene allowing you to utilise the most common and cost effective fuel in your location.

As experts in waste incineration, we have developed a wide range of models for use in a huge variety of applications. We can advise you on the best, British-made incinerator from the Inciner8 range to meet your needs.







A GLOBAL OPERATION

We've established ourselves as the go-to partner for safe and efficient incinerator solutions for the agricultural sector. Our systems are in operation on farms across the UK and Europe, to North and Central Africa, with agriculture customers based around the world.

From smaller operations managing general farming waste, to large scale facilities that produce tonnes of agricultural waste every single day, we enable sites of any size, located anywhere across the globe, to use our solutions by providing on the ground training and ongoing advice to even the most remote of users.

Many of our incinerators are engineered to include plug and play technology and are supported with a range of video tutorials to enable teams across the world to install them safely on site. Additionally, we can implement remote monitoring systems so that our engineers based in the UK can continue to assess the quality and efficiency of our products no matter where they are in the world and offer immediate support should a mechanical or operational issue be flagged, meaning you have constant reassurance that you're supported by our team.

WASTE TO ENERGY

Incineration machines are 'fed' with the different items we typically see within general waste, they can be burnt to create energy. This energy can then be recovered and reused as electricity, or to heat water, for example. The potential for recovered energy from burning general waste makes incineration not only the safest, but also one of the most cost-effective and sustainable disposal methods available.

To achieve the best possible outcomes, a heat recovery system is required in addition to the incinerator. Having this in place will release the maximum amount of potential energy from waste within the machine and the materials being burned.

We've spent many years researching and developing new ways to produce energy from burning waste and are constantly enhancing our solutions to achieve the most efficient outcomes possible. With some of our incinerators, it's possible to reduce the volume of waste to as little as just 3-10 per cent bottom ash.

Using a solution that is developed for waste to energy contributes to sustainable waste management regulations in place across the globe, meaning that together, we can help the world move away from the use fossil fuels. Plus, by diverting valuable resources away from traditional landfills that produce harmful gasses, our solutions also provide further environmental benefits, too.







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