



Incineration

International leaders in
incineration solutions

addfield
Incinerate • Cremate

'The most thermally efficient, robust and reliable incinerators on the market - Simply Built Better!'

We are one of the UK's longest established and leading manufacturers of on-farm and portable animal carcass incinerators!

The Addfield range of incinerators have been in production in the midlands for more than 25 years and are British built.

Our incinerators are the most robust and durable on the market place, most incinerators last 2-5 years. The very first Addfield incinerator is in operation 20 years on. We are the preferred supplier to over 95% of the huntsman kennels and the only manufacturer to have achieved approval from the Master of Foxhounds Association (MFHA).

We have our own in house dedicated customer service department along with trained service engineers with world-wide experience.

The Addfield range of incinerators are all fired with UK sourced burners and can be fuelled by a choice of diesel or bio-diesel, natural gas or LPG.

Addfield Environmental offer 12 months unlimited operating hour usage warranty.

ISO 9001 accreditation for all sourced items which ensure quality throughout our service and business.

All of our incinerator steel casings are manufactured from 10mm steel, that's **two or three times thicker** than our closest competitor's machine casings.

We utilise Computational Fluid Dynamics software to design our incinerators, the same software used to design Formula 1 cars, Petrochemical Refineries and many more high tech industries. We then use skilled craftsmen and traditional methods of construction to create a robustly built thermally efficient machine that gives the buyer a realistic return on their investment. But don't just take our word for it! Talk to our other customers.!

The internal refractory structure is constructed from high grade refractory brick. The brickwork is constructed from a interlocking design ensuring strength, integrity and reliability. Along the sides of the incinerator the brick work incorporates our unique "Flame-Vent" system which allows the flame to penetrate around the carcass to give a more efficient burn. The complete design is easily maintainable and requires no dry out unlike all other "Cast" designs. Ask us about the benefits of the brick over the "Cast" design.

When compared to other designs the Addfield range of incinerators are the most thermally efficient on the market, ensuring maximum energy efficiency through out the burn process.

With fully automatic operation using our PLC vertigo control panels, LED display, 2 Zone control and temperature read out, set the burn time to suit your load from the operational manual and push start... it's that simple.

Complete secondary combustion chamber complies with EU legislation for achieving 850c and a residence time for two seconds reducing emissions and odour, ensuring a complete clean burn every time.

The Addfield Range of incinerators all have DEFRA approval and comply with the EU Animal By-Products Regulation (EC) No 1774/2002.

Design, manufacturing, installation & service



Addfield Benefits

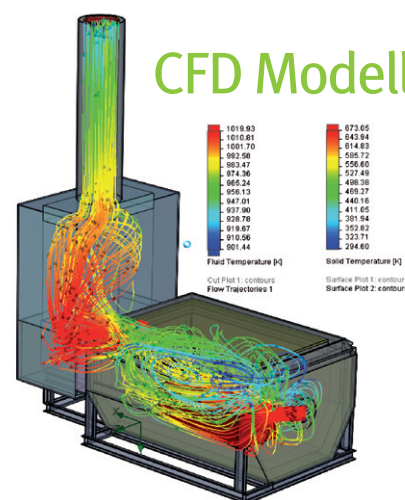
Our range of incinerators allow you to dispose of your on-site waste cleanly and efficiently using a range of incinerators that have been manufactured for over 25 years.

The Addfield Incinerators are built to last and give you the user value for money.

- CFD modelled
- Impact/abrasion resistant refractory chamber seal
- 10mm steel casing thickness complete with anti-corrosive paint
- Thermally efficient with 180mm high grade refractory insulation
- Lightweight insulation lid
- Pulse fired burners
- Addfield intelligent 3 zone controller or optional fully automatic PLC computer operation
- Worldwide on-site engineer support
- Defra and Dard approved
- British Built
- We export and service globally
- 12 month unlimited warranty

**Strength, integrity
& reliability**

CFD Modelled



Our incinerators are ideal for, but not limited to the below

- Poultry Farms
- Pig Farms
- Sheep Farms
- Game Farms
- Veterinary Practitioners
- Hospital / Municipal
- Medical / Pathological
- Pet Cremation Companies
- Laboratory's
- Zoos
- Security firms "document disposal"
- General waste
- Any other organisation requiring carcass disposal



Which Incinerator?

If you cannot see an incinerator that suits your needs then please contact us on **01543 571280**, we are happy to build bespoke machines to suit your applications.



Ideal for:
Sheep
Fish
Pet Crem
Poultry
Butcher's Waste
Breeders
and General Waste

Two of our smallest low capacity machines within our family of incinerators with their top loading design, ideal for Fish, Poultry, Sheep, Butchers waste with a chamber volume of 0.45m³ (Mini AB) and 0.58m³ (Mini). All our machines are Defra and Dard approved to burn up to 50kg/hr.



Ideal for:
Sheep
Pigs
Fish
Pet Crem
Poultry
Butcher's Waste
Breeders
and General Waste

Our Mini+ incinerator features a robust cast periphery, along with a top loading design, 10mm steel pre-cast block abrasion/ impact resistant seal to combat mechanical loading. A top loading and slightly shallower design ideal for Sheep, Pigs, Fish, Butchers and Pet Crems. The main chamber is 1m³ which lends itself to a medium range machine. Our Mini Plus machine is capable of a burn rate of up to 50kg per hour cleanly and efficiently every time.

Optional door positions available on all models





SB



TB&TB-AB



Ideal for:
Sheep
Pigs
Fish
Pet Crem
Large Poultry
Butcher's Waste
and General Waste

One of our larger low capacity machines, extremely robust with its 10mm steel pre-cast block abrasion/ impact resistant seal to combat mechanical loading. A top loading design for ease and cleaning, ideal for Sheep, Pigs, Fish, Butchers and Pet Crems with its main chamber volume of 1.54m³. Optional excess air system to suit high calorific wastes, our SB machine is capable of a constant burn rate up to 50kg per hour cleanly and efficiently every time.



Ideal for:
Horse
Cattle
Fish
Pigs
and General Waste

Two of the largest low capacity machines on the market, extremely robust with a pre-cast block abrasion/ impact resistant seal to combat mechanical loading, Ideal for larger animals such as Horses and Cattle. With internal chambers of 2.3m³ (TB) and 4.18m³ (TB-AB), ensuring even the largest carcass can be loaded fast and efficiently. Complete with excess air systems that maintain a constant burn rate up to 50kg per hour cleanly and efficiently every time.

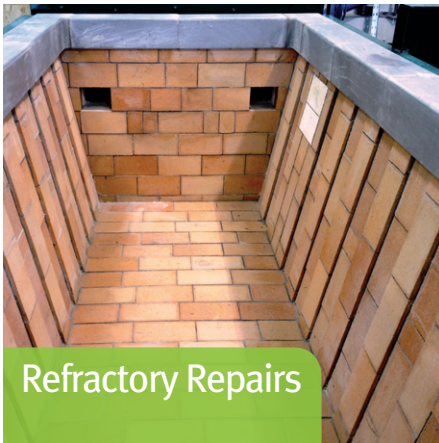
Incinerator Comparison Table (low capacity 50kg/hr)

Standard Specification	Mini AB	Mini	Mini+	SB	TB	TB-AB
Fuel Options - <i>guide only</i>	Diesel, LPG, N-Gas and Bio-Fuel					
Fuel Consumption Diesel (Ltr/hr) - <i>guide only</i>	3-4	3-4	3-5	4-6	6-7	8-10
Electricity Supply (volts)	220-240					
Time to Temperature (mins)	10	10	Approx. 15	Approx. 15-20	Approx. 20	Approx. 20-25
Internal Chamber Dimensions - l x h x w (m)	1 x 0.655 x 0.67	1.32 x 0.655 x 0.67	1.32 x 1.035 x 0.715	1.6 x 1 x 1.13	2.35 x 1 x 1.13	2.46 x 1.16 x 1.64
Internal Chamber Volumes (m ³)	0.45	0.58	1	1.54	2.3	4.18
Internal Refractory Thickness (mm)	180mm in High grade Brick or Cast Options					
Load Capacity (kg)	Up to 250	Up to 350	Up to 500	Up to 750	Up to 1300	Up to 2000
Loading Method	Top Loading (side & ends also available)					
Afterburner, complies with EU legislation	YES					
CE Certified	YES					
Commissioned prior to shipment	YES & Certified					
Weight (Approx. Tonnes)	2	2.6	3.2	3.6	5	6.8
Heat Recovery	Optional					

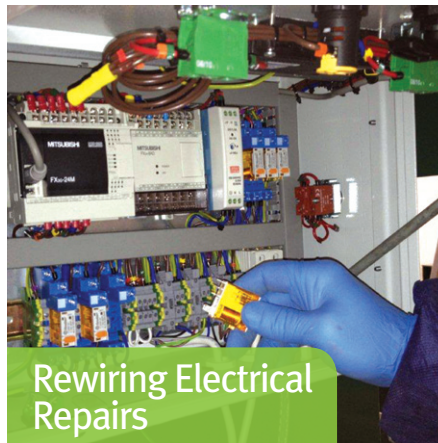
*We reserve the right to change the specification, dimensions and quality of materials from time to time, so long as the alteration is minor or an improvement to the said products.

Still unsure which incinerator is right for you?
Then call for FREE advice on +44 (0)1543 571 280
or visit www.addfield.co.uk for more information





Refractory Repairs



Rewiring Electrical Repairs



Annual Service

Repairs & Maintenance

Addfield Environmental can offer a full range of on site repair services, our highly trained engineers can undertake any repair or retrofit to any make of incinerator. Our engineers carry a full range of tools and equipment to ensure they can complete any breakdown no matter how large or small. Our priority is to get you back into service as quickly and efficiently as possible.

Rewiring / Electrical Repairs

Our Engineers are fully trained to rewire any machine along with fault finding and electrical testing.

Refractory Repairs and replacement

Our refractory masons are highly trained and experienced, we have the facility to repair or fully replace refractory linings either on site or at our workshops.

Steel repairs

We can offer either shop or on site steel repairs to your existing incinerators.

Annual Services

Addfield can service all makes of incinerator and issue you a 12 month service certificate. Are you compliant! Book your service today.

Bio-Security

Addfield Engineers practice Bio-Security measures on all customer's sites.

Spare Parts

We carry a full range of spare parts including, but not limited to the below:

- Refractory castables and bricks
- Refractory mortars
- Ceramic Fibre blankets and modules
- Ceramic Rope seals and paper gaskets
- Ceramic Fixings
- Nuway Eco-Flam burners and spares
- Electrical components and controllers
- Diesel / Oil / Gas fuel systems and pipe work

General Advice

We can offer free general advice about our machines.

Just call +44 (0)1543 571 280





Robust

What our customers say

“Addfield have delivered in every area and I would confidently recommend the Mini AB Pet Cremator to anyone in this market.”

Carl Bolton, Treasured Friends

“The first thing I noticed was the quality of the engineering”

Roger, Cotton Bank Farm

“Addfield is a company that supplies products that are built to last. This is something that has not changed over the years, which is why I invested in the newer Addfield machines which still comply with past traditions, British built, solid structure, easy to use and cost efficient. The new linings retain the heat very well which is saving me a lot of fuel and money. I have always found the service at Addfield to be of a high standard, over all a great product at the right price. I would happily recommend the Addfield range of incinerators.”

Malcolm Nattras, Northumberland an Addfield customer for over 18 years

As our business grows, we hope to be purchasing a third machine from Addfield, which says it all.”

Bill Phizackle, Suffolk Pet Crematorium, an Addfield customer for 16 years

Our range of machines

We supply and service our efficient and cost saving incinerators for many different applications including, but not limited to:

Animal

We manufacture a range of incinerators for the disposal of animal waste. Ideal for Farms, Abattoirs, Zoos and Game Farms. They include extra features that ensure they are durable and well suited to the additional hard wear and tear that they will encounter.

Human

Our range of cremation machines are ideal for Hospitals and Crematoriums. Addfield are the sole UK distributor for B&L Cremation Systems, the world's leading cremation equipment manufacturers.

Pet Cremation

We design, build and commission unique Cremators ideal for Pet Cremation companies. Features include separate chambers allowing individual cremations at the same time, ensuring customers get a compassionate cremation of their pets.

Marine

We have a range of incinerators for the marine market, ideal for fish farms and fish markets. They include extra features that ensure they are durable and well suited to the additional hard wear and tear and harsh weather conditions that they will encounter in remote areas. Our marine incinerators are distributed by Storvik Aqua Ltd.

Medical

We have a bespoke range of incinerators manufactured specifically for the incineration and destruction of CAT 4 Red Bag waste.

We offer two ranges for the medical waste industry to suit the varied types of waste being destroyed. Our standard range of incinerators can be used for the disposal of general hospital waste such as dressings, soiled sheets, mattresses, food stuffs etc. Where as our MP Series have been specifically developed for the disposal of medical/ pathological and surgery waste, CAT 4 Red Bag waste. They are Ideal for Hospitals, Research Centres and Pharmaceutical Manufacturers. High temperature incineration guarantees a complete destruction of waste.

**Specialists in the design, manufacture and supply
of Incineration and Cremation solutions**

**Ready to discuss your
incinerator needs?**

**Call our team of friendly
customer service experts on
+44 (0)1543 571 280**

Animal | Medical | Marine | Pet Cremation | Human Cremation

Addfield Environmental Systems Limited
Unit 17 Hollies Park | Cannock
Staffordshire | WS11 1DB

t: +44 (0)1543 571280
f: +44 (0)1543 571173
e: sales@addfield.co.uk

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www.addfield.co.uk