

Marine Incineration



International leaders in
marine incineration

addfield
Incinerate • Cremate



**‘The most thermally efficient,
robust and reliable marine
incinerators on the market -
Simply Built Better!’**

**We are one of the UK’s longest established and
leading manufacturers of on-farm and portable
fish carcass incinerators!**

**The British built Addfield machines
are used on a wide variety of salmon
and trout farms.**

Our incinerators are the most robust and durable on the market place, most incinerators last 2-5 years. The very first Addfield incinerator is still in operation today some 20 years on. The internal refractory structure is constructed from high grade refractory brick. The brickwork is constructed from an interlocking design ensuring strength, integrity and reliability. The brickwork is retained back using our abrasion/ impact resistant refractory block seal. 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 “Complete Cast” designs. Ask us about the benefits of the brick over the “Cast” design.

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.

Addfield Benefits

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
- SEPA and Dard Approved
- British Built
- We export and service globally
- 12 month unlimited warranty

www.addfield.com



Marine Incinerator Comparison Table

(low capacity 50kg/hr)

Low capacity (50kg/hr)			New		
					
Standard Specification	Mini AB Aqua	Mini Aqua	Thunder 500	Thunder 1000	TB-AB Aqua
Fuel Options	Diesel, LPG, N-Gas and Bio-Fuel				
Fuel Consumption Diesel (Ltr/hr)-guide only	4-5	4-5	5-7	7-8	9-11
Electricity Supply (volts)	220-240				
Time to Temperature (mins)	10	10	Approx. 15-20	Approx. 20	Approx. 20-25
Internal Chamber Dimensions - l x h x w (m)	1 x 0.66 x 0.67	1.32 x 0.66 x 0.67	1.84 x 0.8 x 0.8	2.24 x 0.9 x 1.1	2.46 x 1.16 x 1.64
Internal Chamber Volumes (m³)	0.45	0.58	0.76	1.44	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 1000	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	4	5.5	6.8
Flame feed technology	-	-	YES	YES	-

*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.





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 incinerator.

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

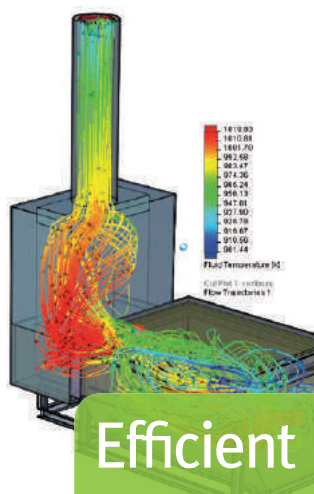
Addfield Engineers practice Bio-Security measures on all customers sites.



Robust



Reliable



Efficient

Please call us on **+(44) 01543 571280**

to discuss your marine incineration requirements

or visit www.addfield.com for further information on our services

Which Marine Incinerator?

If you cannot see an incinerator that suits your needs then please contact us on (0)1543 571280, we are happy to build bespoke machines to suit your applications.



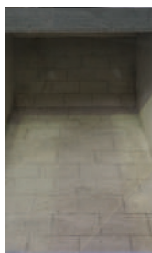
**MiniAB /
Mini Aqua**



**Thunder
500**



Two of our smallest low capacity machines within our family of incinerators with their top loading design, ideal for the smaller Fish farm with a chamber volume of 0.45m³ (Mini AB) and 0.58m³ (Mini). All our machines machine are SEPA and Dard approved to burn less than 50kg/hr.



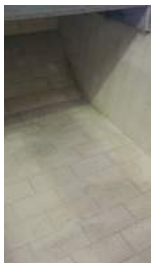
One of the most advanced models to date for fish waste disposal. Designed in conjunction with professionals in the aquaculture industry to ensure it meets the demanding needs of an industry that requires a robust, reliable and efficient disposal system. The Thunder 500 can withstand the harshest of environments by utilising thick steel plate, and a durable two pack paint system. Its small foot print means it is ideal for both land and barge use.



**Thunder
1000**



**TB-AB
Aqua**



The choice machine for the aquaculture industry designed to specifically destroy high moisture, low calorific waste such as fish carcasses. A sloped refractory floor feeds waste towards the burners. The raised burners and flue vents increase the loading capacity available and prevent overfilling. A top loading design eliminates the possibility of waste leakage.



The largest low capacity machine on the market, extremely robust with a pre-cast block abrasion/impact resistant seal to combat mechanical loading, ideal for larger loads and mass incineration. With an internal chamber of 4.18m³ (TB-AB), ensuring even the largest load can be destroyed fast and efficiently. Maintains a constant burn rate up to 50kg per hour cleanly and efficiently every time. Optional excess air/rapid cool systems available.

**Specialists in the design, manufacture and
supply of incineration and cremation solutions**

Ready to discuss your
marine incineration needs?

Call our team of friendly
customer service experts on:
+(44) 01543 571280

Animal | Medical | Marine | Pet Cremation | Human Cremation

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