



“Our mission is to build the most robust, fuel-efficient, cost-effective solution for the disposal of animal and animal by product waste for the American Agricultural industry”





“Our mission is to build the most robust, fuel-efficient, cost-effective incineration solution for the safe, bio-secure disposal of animal and animal by product waste and to continue to be known world-wide for both quality of product and quality of customer service”

**With 40 years' experience and a full understanding of the agricultural industry, the AIS team are here for you every step of the way in your purchase of one of our products. As trusted partners to growers, producers and meat processors around the world, we match the incinerator to the needs of your business ensuring we always supply the correct solution.
With our dedicated support team, we pride ourselves in giving you an unrivalled level of quality and service.**

**One of the key reasons our incinerators are recognized as being *'probably the best'* on the world market, is the use of our market leading and trusted low thermal mass monolithic concrete lining which is used in all our models.
All models in the Cyclone Range are supplied with a secondary chamber, ensuring they fully conform to many legislative bodies around the world.**



Be Assured of a Quality Product & Quality Service with AIS

- Each machine is hand crafted by our team of skilled technicians in the UK and U.S.
- The reason your incinerator will last is due to the type of lining used. Our trusted monolithic casting system ensures maximum strength, reliability and a longer machine life. We are always happy to explain why our technology is far better than any other manufacturers product on the world market. Talk to us to find out more and make your own mind up.
- Behind the AIS brand is a team of experts who are always on hand to discuss any questions that you may have about incineration, so you can be assured of great service and a great product.
- But it goes beyond that, we stay with you for the life of the machine, always on hand if or when you need us. It's a people thing, it's an AIS thing.

3 Year Warranty as standard, talk to us about a long-term Service Plan to suit you



"Top loading, Front loading, Compact, Large Capacity, High Burn-Rate; Whatever size or type of operation you have, we have it covered with our comprehensive range of incinerators"



AIS 09 Cyclone

- Suited for smaller sites the AIS 09 is ideal for those looking for a regular, effective and bio-secure animal-by-product incineration solution.
- Burns up to *111 lbs per hour.
- Load capacity of up to 243 lbs.
- Chamber Size (L x W x H)
Feet/Inches 2' 6" x 2' 1" x 2' 1"



AIS 025 Cyclone

- Suited for Small Pigs, Poultry, Ewes, Lambs, Game Farms, Estates, Butchers and Farm shops. Ideal for those looking for a quick, effective and bio-secure animal-by-product incineration solution.
- Burns up to *120 lbs per hour.
- Load capacity of up to 551 lbs.
- Chamber Size (L x W x H)
Feet/Inches 4' 8" x 2' 6" x 2' 4"



AIS 033 Cyclone

- Suited for larger pig operations such as finishing farms, and a wide range of other animal-by-products.
- Burns up to *120 lbs per hour.
- Load capacity of up to 728 lbs.
- Chamber Size (L x W x H)
Feet/Inches 6' 1" x 2' 6" x 2' 4"

*Burn rates are dependent on efficient usage and waste type. Speak to a member of our team for more information.

Speak to a member of the BioSec team today.

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Email us : info@BioSec.us

Visit us: www.BioSecAg.com

Two ABP incineration solutions to handle your 'growing' needs"



AIS 055 Cyclone

- Suited for Large Pig Operations such as Growers, Finishers and Sows, full access to the main chamber ensures users can load the machine via skid loaders and tractor buckets.
- Burns up to *124 lbs per hour.
- Load capacity of up to 1080 lbs.
- Chamber Size (L x W x H)
Feet/Inches 7' 3" x 2' 11" x 2' 9"

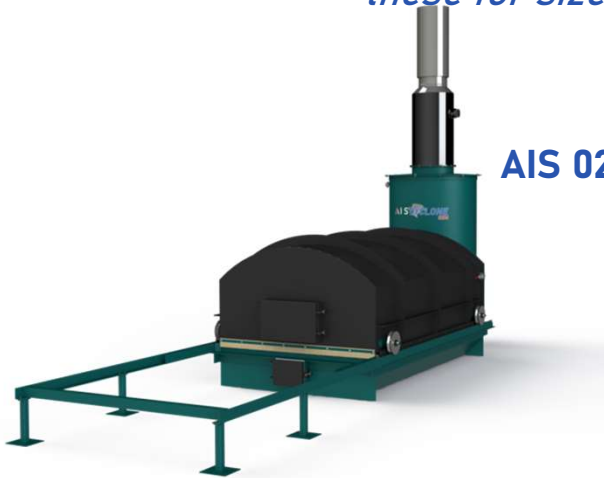


AIS 064 Cyclone

- Suited for Pig Operations that are looking for a bio-secure, effective incineration solution that can easily manage large Pig carcasses. Can also handle other animal-by-products generated across the agricultural sector including small size; Meat Processors / Renderers, Slaughterhouses.
- Burns up to *124 lbs per hour.
- Load capacity of up to 1257 lbs.
- Chamber Size (L x W x H)
Feet/Inches 7' 2" x 2' 11" x 3' 7"



*Looking for an incinerator that can handle larger animal carcasses – try these for size! **Load low** with the 0206 or **load high** with the 0132*



AIS 0206 Cyclone

- Suited for the bio-secure disposal of a wide range of larger animal carcasses generated across the agricultural sector including but not limited to; Dairy / Beef Cattle, Pigs & Sows, Equine Cremation.
- Burns up to *150 lbs per hour.
- Load capacity of up to 2867 lbs.
- Chamber Size (L x W x H)
Feet/Inches 10' 2" x 5' 7" x 4' 1"



AIS 0132 Cyclone

- Suited for a wide range of larger animal carcasses and animal-by-products generated across the agricultural sector including; Pigs & Sows, Dairy / Beef Cattle, Abattoirs, Slaughterhouses, Rendering Operations, Meat Processors, Equine.
- Burns up to *232 lbs per hour.
- Load capacity of up to 2602 lbs.
- Chamber Size (L x W x H)
Feet/Inches 5' 10" x 7' 2" x 3' 7"



"Looking for a front-loading incinerator design? We have these three in our range for you to consider. Whatever size of operation you have, we have it covered".



AIS 026 Cyclone



AIS 041 Cyclone



AIS 0133 Cyclone

- Ideal for the bio secure disposal of carcasses within the agricultural farming industry, particularly suited for small to medium farming operations; Sheep, Piglets, Poultry, Game Farms.
- Burns up to *120 lbs per hour.
- Load capacity of up to 419 lbs.
- Chamber Size (L x W x H)
Feet/Inches 3' 10" x 2' 11" x 2' 4"

- The AIS 041 Cyclone is the larger of our two front loading models and is Ideal for the bio secure disposal of carcasses within the agricultural farming industry, particularly suited for small to medium farming operations including; Piglets up to Sows, Poultry, Sheep, Game Farms.
- Burns up to *120 lbs per hour.
- Load capacity of up to 639 lbs.
- Chamber Size (L x W x H)
Feet/Inches 6' 1" x 2' 11" x 2' 4"

- Suited for a wide range of larger animal carcasses and animal-by-products generated across the agricultural sector including; Pigs & Sows, Dairy / Beef Cattle, Abattoirs, Slaughterhouses, Rendering Operations, Meat Processors, Equine. A good choice for poultry operations that want a front-loading design.
- Burns up to *331 lbs per hour.
- Load capacity of up to 2602 lbs.
- Chamber Size (L x W x H)
Feet/Inches 9' 4" x 4' 3" x 3' 5"



• The **AIS 040 Cyclone** incinerator is recognized for being very effective at dealing with animal-by-products generated across the agricultural sector and managing day to day mortality of farming operations including; Broiler sites, due to the AIS 040's unique ability to handle the volume changes that occur within the crop cycle AND Nursery sites where farms are dealing with piglet mortality daily.

•The uniqueness of the AIS 040 comes from the grate bars, supplied as standard in this machine. The flexibility of the use of the grate bars allows you to increase or decrease the spacing between them, depending on waste type. The design of the grate bars allows the ash to fall through to the floor of the main chamber and with ash doors, fitted as standard, this allows you to safely remove ash whilst the machine is in operation, so you can keep on loading and burning your waste, saving time.

•Can be loaded whilst in operation maximizing the inherent thermal efficiency of our monolithic concrete lining, keeping running costs low.



Unique Grate Bar system

The AIS 040 Cyclone

- Burns up to *256 lbs per hour.
- Load capacity of up to 1191 lbs.
- Chamber Size (L x W x H)
Feet/Inches 7' 3" x 3' 7" x 1' 10"





- This final group of four **larger capacity, higher burn rate** incinerators can handle large and regular quantities of animal waste and are suited for a wide range of animal carcasses and animal-by-products generated across the agricultural sector including; Pigs & Sows, Poultry, Dairy / Beef Cattle, Abattoirs, Slaughterhouses, Rendering Operations, Meat Processors and Sheep.
- Each of these machines is very easy to load via a slide Open/Close lid located on the top of the incinerator, giving full access to a large main burning chamber. Manual lid opening operation as standard on the **AIS 1250** and the **AIS 1870** or upgrade to the automated lid on the 1870 model. The **AIS 2650** and **AIS 3860** both come with automated lid opening as standard.
- Unique market leading grate bar technology for fast and complete incineration and with ash doors, as standard, allows the user to safely remove ash whilst the machine is in operation, so you can keep on loading and burning your waste, saving time.
 - Can be loaded whilst in operation maximizing the inherent thermal efficiency of our monolithic concrete lining, keeping running costs low.
 - Automatic burner shut off function and fast ignition burners.
 - Available as a Static, Mobile or Transportable.

Internal main chamber view, waste being incinerated



AIS 1250 Cyclone

- Burns up to *735 lbs per hour.
- Load capacity of up to 2844 lbs.
- Chamber Size (L x W x H)
Feet/Inches 4' 5" x 6' 3" x (4' 11" - 7' 3")



AIS 1870 Cyclone

- Burns up to *1147 lbs per hour.
- Load capacity of up to 4190 lbs.
- Chamber Size (L x W x H)
Feet/Inches 6' 7" x 6' 3" x (4' 11" - 7' 3")



• These two machines complete our impressive range of larger capacity, high burn rate incinerators, both the **AIS 2650** and **AIS 3860** come with automated lid opening as standard.
• The **AIS 2650** and **AIS 3860** also come with built-in remote monitoring; this allows our engineers access to the control system so we can support you if needed whilst the incinerator is in operation.

• *Worth repeating,* *These models can easily deal with large and regular quantities of animal waste and are suited for a wide range of animal carcasses and animal-by-products generated across the agricultural sector. *Very easy to load via a slide Open/Close lid located on the top of the incinerator, giving full access to a large main burning chamber. *Unique market leading grate bar technology for fast and complete incineration. *Ash doors, as standard, allows the user to safely remove ash whilst the machine is in operation, so you can keep on loading and burning your waste, saving time. *Can be loaded whilst in operation maximizing the inherent thermal efficiency of our monolithic concrete lining, keeping running costs low. *Available as a Static, Mobile or Transportable.



AIS 2650 Cyclone

- Burns up to *1599 lbs per hour.
- Load capacity of up to 5711 lbs.
- Chamber Size (L x W x H)
Feet/Inches 8' 8" x 6' 3" x (4' 11" - 7' 3")



AIS 3860 Cyclone

- Burns up to *2205 lbs per hour.
- Load capacity of up to 8269 lbs.
- Chamber Size (L x W x H)
Feet/Inches 13' x 6' 3" x (4' 11" - 7' 3")

Speak to a member of the BioSec team today.

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3 YEARS WARRANTY PARTS & LABOR

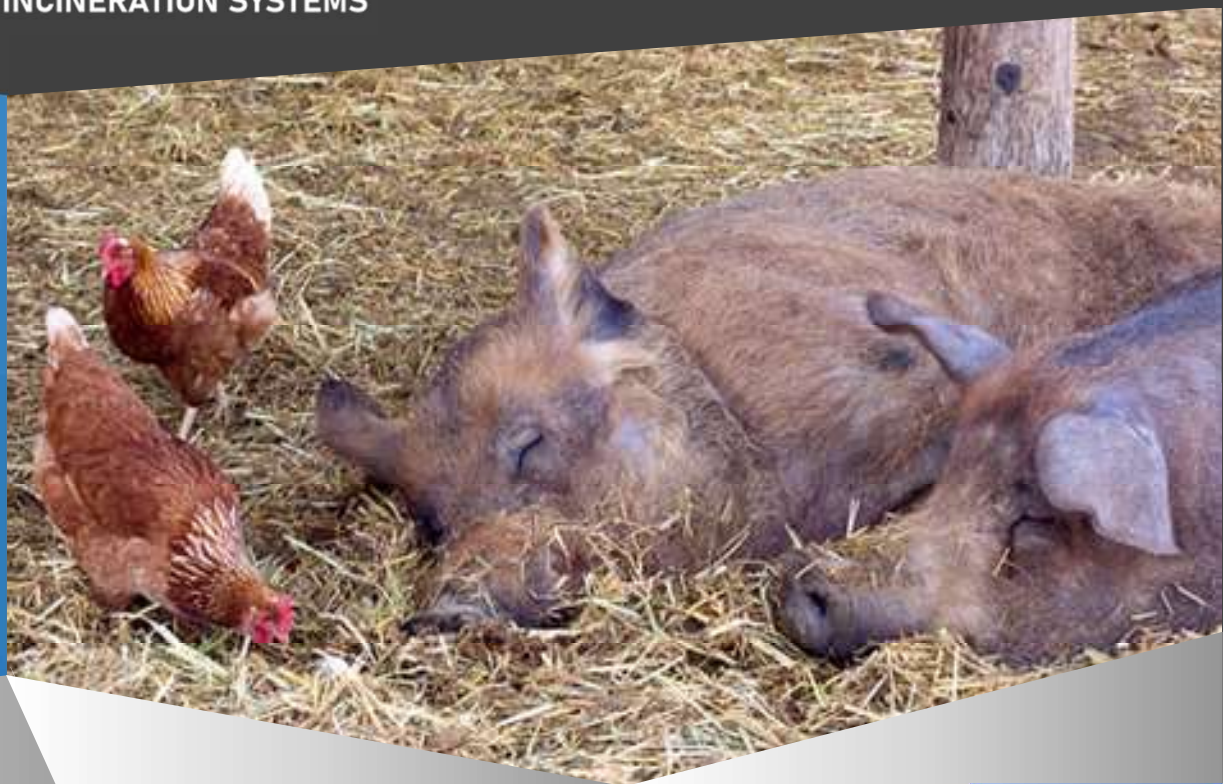
The whole plant and associated equipment supplied as part of the overall installation will be covered by a *36-month or 2100 hours warranty (whichever soonest) from the date of dispatch from the manufacturing premises of Agri Incineration Systems Limited, except for any consumable item as listed below and provided that:

- a) Each defect has materialized under normal operating conditions and not due to misuse, abuse, or operational errors.
- b) An effective maintenance regime is operated which may include a Service Contract being taken up at the time of handover. This Service Contract should be provided by Agri Incineration Systems Limited or trained and authorized agents.
- c) The contract price, as detailed within the quotation or as amended by agreement of both parties, has been paid in full.

Consumable Parts (Items not covered under Warranty).

1. Primary Chamber Thermocouples
2. Secondary Chamber Thermocouples
3. Access Door seals
4. Control Panel indicator bulbs or LEDs
5. Burner electrodes and leads
6. Burner probes and leads
7. Burner Blast Tubes
8. Burner Diffuser Assemblies
9. Burner nozzles / ionization probes
10. Grate Bars
11. Mechanical damage of any sort





Speak to a member of the BioSec team today

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(712) 380-4089

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