



**AGRI**

**INCINERATION SYSTEMS**

*Trusted Worldwide*

# AGRICULTURAL BROCHURE CANADA



*Available through*



[farmersdepot.ca](http://farmersdepot.ca)

1-866-527-6229

**3 YEARS**

WARRANTY  
PARTS & LABOR





# Who we are



*Trusted Worldwide*



**NEIL ROSSITER**

managing director



**TRACY SHEARD**

operations director



**GRAHAM CROWN**

business development  
director



**SAM WYARD**

engineering director



**DAN ROSSITER**

technical engineer



**PRODUCTION**

production team



# Why we are Trusted Worldwide



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With over 40 years experience we are trusted partners to growers, producers & meat processors across the globe. With a full understanding of the agricultural industry, the AIS team are perfectly placed to guide you in every aspect of purchasing and owning one of our industry leading incinerators.

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 for the Canadian Agricultural Industry.

Working alongside our own engineering team is a dedicated network of support partners located Worldwide, giving you an unrivalled level of quality, service and support, wherever you are located.

There are 13 pre-engineered models in our standard agricultural range to suit any & every agricultural waste type and size of operation.

One of the key reasons our incinerators are Trusted Worldwide is the use of our market leading low thermal mass monolithic concrete lining which is used in all our models.

**WE NEVER USE BRICK.**

All models in the Cyclone Range are supplied with a secondary chamber, ensuring they conform to legislative bodies around the world.

We also offer Pet and Equine Cremation Equipment - Please see our brochure online

@ [www.agriincinerationsystems.com](http://www.agriincinerationsystems.com)





# Why Incineration?



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When it comes to managing the disposal of animal carcasses, there are several methods available, including incineration, composting and collection. Here's why incineration must be considered a better option over composting or collection:

- **Biosecurity:** Incineration can effectively eliminate pathogens, viruses, and disease-causing organisms present in pig carcasses. This helps in preventing the spread of disease within your farm and to other farms in the area.
- **Rapid Onsite Disposal:** Incineration provides a quick and efficient way to dispose of animal carcasses, minimizing the need for off-farm handling and reducing the potential exposure of the carcasses to external contaminants. Composting can take several weeks and months to complete, and during this time there is a potential for disease transmission. Incineration, on the other hand, can make the carcasses sterile within a matter of hours.
- **Odor Control:** Animal carcasses can emit strong odors during decomposition. Incineration reduces these odors significantly, making it a more suitable option for businesses located near residential areas or sensitive environments.
- **Space Efficiency:** Incinerators require less physical space compared to composting facilities or storage areas for collected carcasses.
- **Compliance with Regulations:** Many regions have strict regulations regarding the disposal of animal carcasses to prevent disease transmission and environmental contamination. Our Incinerators are widely recognized as a compliant method of disposal.



# A Quality product with A Quality Service

## Concrete vs brick



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Monolithic cast concrete is the preferred choice over brick in the construction of animal carcass incinerators due to its multitude of distinct advantages.

The foundation of these benefits lies in its unwavering structural integrity, forming a robust and enduring framework that remains stable even amidst the harsh conditions of high temperatures and corrosive elements inherent to the incineration process.

This attribute effectively mitigates concerns surrounding structural failure and the recurrent necessity for repairs, a common issue when opting for brick construction.

It effortlessly withstands the extreme temperatures generated during incineration without succumbing to deterioration, an indispensable feature that sustains the efficiency and security of the incinerator over time.

A seamless design further sets monolithic concrete construction apart from brick, minimizing the risk of gaps or joints that could facilitate heat leakage or the emission of harmful gases.

Unlike brick structures that often bear numerous joints susceptible to compromising the incinerator's effectiveness, concrete's continuous composition enhances the incinerator's performance and reliability. **WE NEVER USE BRICK.**

The built-in insulation properties achievable with cast concrete contribute to heightened energy efficiency by effectively retaining heat within the incinerator chamber.




# Next-Gen Control Panel

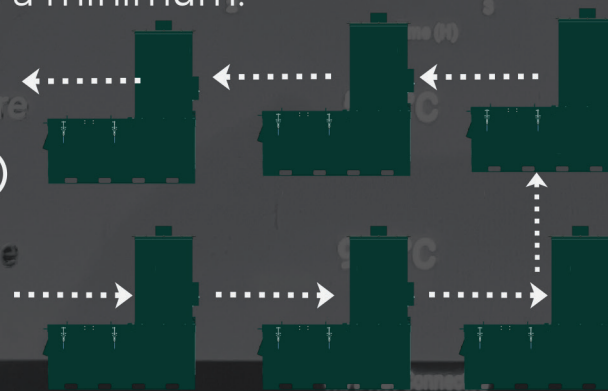


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A state of the art robust next-gen control panel containing a host of industry first features:

- Remote connectivity (via GSM or utilizing existing wi-fi/ethernet network).
- Secure fleet management and automated data collection from any location with the ability to schedule regular email updates via ; see every machine, its current status, estimated fuel costs, temperature logs and event changes.
- High Definition Large Touch Screen.
- Independent burner control modules, communicating via built in Wi-Fi.
- Built in fail-safe monitoring to provide the user and maintenance teams with the current machine status, reducing any potential downtime to a minimum.



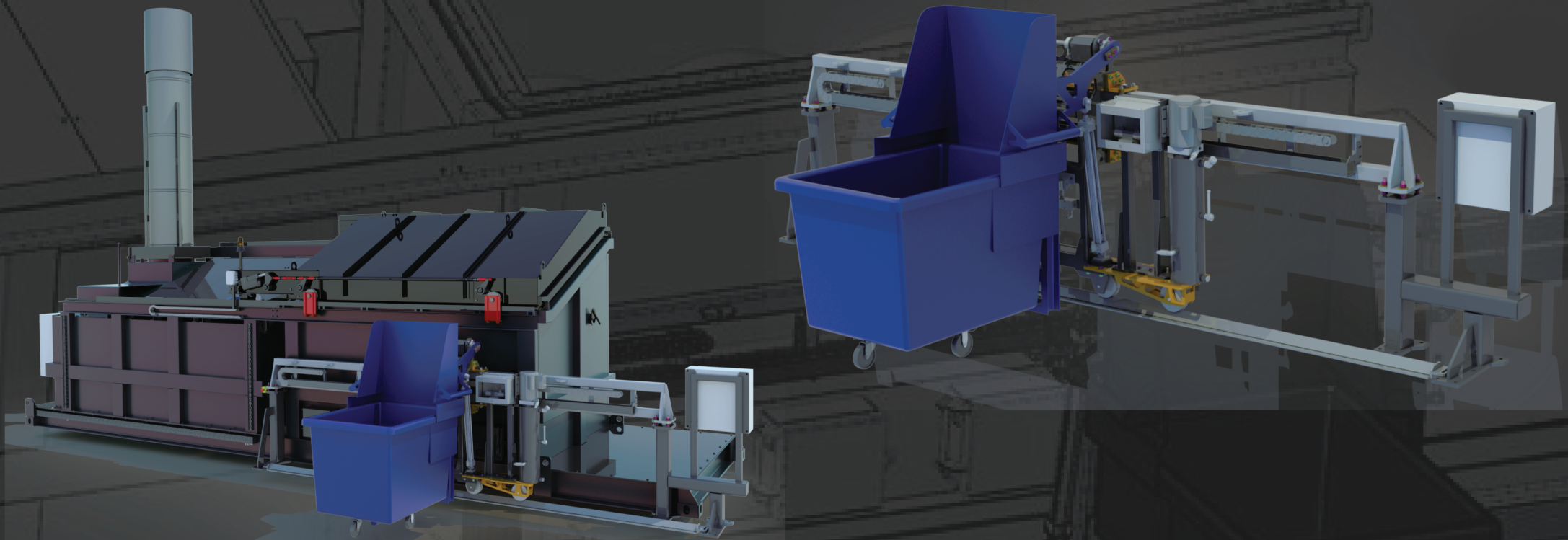


# Auto Loading



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Take advantage of our optional Automated Loading System. If onsite mechanical lifting equipment is unavailable, simply load the bucket with your waste and the intelligent PLC control will do the rest. This option would be custom made to suit your individual requirements.

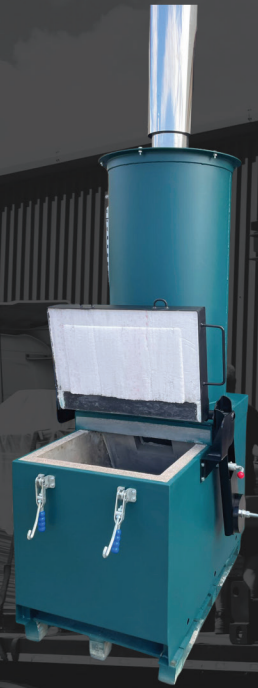


"Top loading? Front loading? Compact? Large Capacity? High Burn Rate?"

Whatever size or type of operation you have, we have you covered with our comprehensive range of incinerators"

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**AGRI** SCYCLONE  
09

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"



**AGRI** SCYCLONE  
025

The AIS-025 is ideal for Pigs, Poultry, Ewes, Lambs, Slaughterhouses and Meat Lockers and 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"



**AGRI** SCYCLONE  
033

The AIS-033 can be used at pig operations such as finishing farms, and a wide range of other animals and animal-by-products.

- Burns up to \*120 lbs per hour
- Load capacity of up to 728lbs
- Chamber Size (L x W x H)
- Feet/Inches 6' 1" x 2' 6" x 2' 4"



"Two ABP incinerators to handle your 'growing' needs"



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**AIS CYCLONE**  
055

The AIS-055 incinerator is a teal-colored metal unit with a black top lid. It has a silver cylindrical chimney on top and is mounted on a black metal skid. The unit is shown from a three-quarter front view.

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, tractor buckets, winches and auto loaders.

- 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 CYCLONE**  
064

The AIS-064 incinerator is a teal-colored metal unit with a black top lid, similar in design to the AIS-055. It features a silver cylindrical chimney and is mounted on a black metal skid. It is shown from a three-quarter front view.

The AIS-064 is an effective incineration solution that can easily manage large Pig carcasses. It can also handle other animal-by-products generated across the agricultural sector including: 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' 3" 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



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**AI SCYCLONE**  
*0206 Auto Lid*

**AI SCYCLONE**  
*0132*

Suited for the bio-secure disposal of larger animal carcasses and quantities due to the ease of loading via the large front opening Hydraulic Lid.

- Burns up to \*300 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"

Easily deals with a wide range of larger animal carcasses and animal-by-products generated across the agricultural sector including; Pigs & Sows, Cattle, Abattoirs, Slaughterhouses, Rendering Operations, Meat Processors.

- 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"



"If you are looking for an incinerator that can handle all types of Poultry carcasses with ease, look no further than the AIS-040"



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## **AIS CYCLONE** **040**

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 you time.

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



**Unique Grate Bar system**

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



# AI SCYCLONE

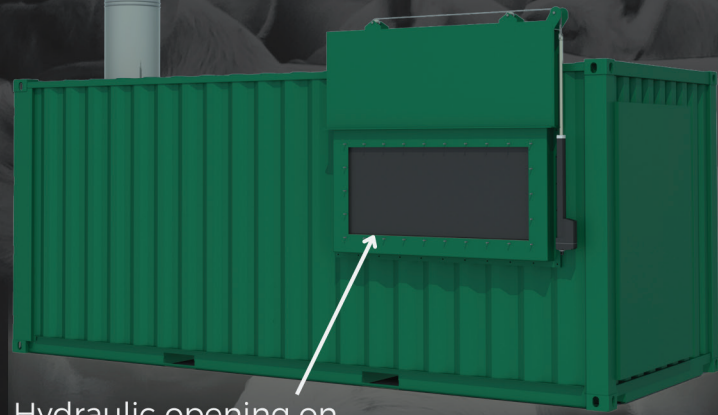
1250 Filtered Air System



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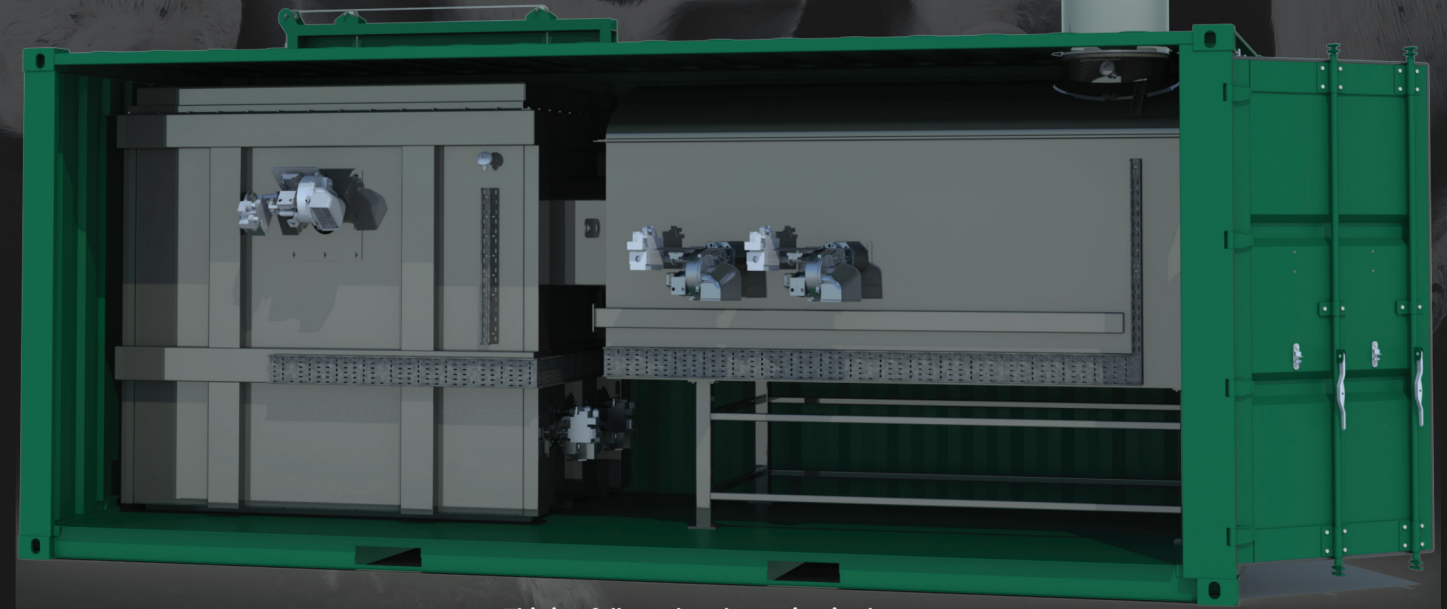
WELCOME TO THE NEXT LEVEL in on farm Bio-secure animal waste disposal. This fully enclosed pre-built containerized solution is the ultimate biosecurity system. It connects straight to the animal housing unit via a sealed conveyer, removing the need for the operator to leave the "clean side", eliminating the possibility of cross contamination.

- This 20ft container houses the incineration system with positive pressure filtered air enabling single user operation from barn to disposal.
- Separate engineering entrance to ensure maximum biosecurity.
- External double door for ease of de-ashing,



Hydraulic opening on loading door

- Burns up to \*735 lbs per hour.
- Load capacity of up to 1000 lbs.
- Chamber Size (L x W x H)
- Feet/Inches 4' 5" x 6' 3" x (4' 11" - 7' 3")



This is a fully enclosed containerized system. The above illustration depicts inside of the container with side removed for illustration purposes only



"If you're Looking for an incinerator that can handle larger animal carcasses try these for size!"



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**AGRI SCYCLONE**  
1250

**AGRI SCYCLONE**  
1870

- 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")

- 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")

This final group of four larger capacity, higher burn rate incinerators can handle large quantities of animal waste and are suited for a wide range of animal carcasses and animal-byproducts generated across the agricultural sector including; Pigs & Sows, Poultry, Dairy / Beef Cattle, Slaughterhouses, Rendering Operations and Meat Lockers

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

- 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. Each one is available as a Static, Mobile or Transportable.



"Two ABP incinerators, as impressive as they are large"



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**AGRI CYCLONE**  
2650

**AGRI CYCLONE**  
3860

Suited for the very largest of sites the AIS 3860 is ideal for those looking for large capacity and a very high burn rate. The mobile version of this machine is the 'go to' solution for Disease Outbreaks.

Being the second largest within our range, the AIS 2650 Cyclone can deal with large volumes of animal waste within the agricultural sector, from slaughterhouses through to extra-large animal carcasses including; Pigs & Sows, Poultry, Dairy / Beef Cattle, Slaughterhouses, Rendering Operations, Meat Processors.

- 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")

- 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")

- Both models are easy to load via an Automated slide Open/Close lid 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 still in full operation.
- Loading whilst in full operation maximizes the inherent thermal efficiency of our monolithic concrete lining, keeping running costs low.
- Available as a Static, Mobile or Transportable version.



# 3 YEARS WARRANTY PARTS & LABOR



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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.

\*Excludes Consumable Items.

**3 YEARS**



WARRANTY  
PARTS & LABOR