



AIS 3860 CYCLONE STATIC

PRODUCT DETAILS

PRODUCT DETAILS | FEATURES | SPECIFICATIONS |
WARRANTY INFORMATION



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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 of 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.

AIS 3860 Cyclone Static

- The AIS 3860 Cyclone is extremely efficient at dealing 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, Abattoirs, Slaughterhouses, Rendering Operations, Meat Processors, Sheep, Equine.
- With a loading capacity of up to 3750kg / 8269 lbs the AIS 3860 Cyclone is the largest within the range and boasts a burn rate of up to *1000kg/2205 lbs per hour. This allows for the Bio-secure, regular disposal of large quantities of waste in the shortest time possible.
- Easy to load via a fully automated slide Open/Close lid located on the top of the incinerator, giving complete access to an impressively large main burning chamber.
- Fully programmable touch screen HMI control panel with automatic burner shut off function and fast ignition burners. Five burners are in the main chamber, with two above the grate bars and three below. Two additional burners are in the secondary chamber.
- Unique market leading grate bar technology for fast and complete incineration.
- Can be loaded whilst in operation maximizing the inherent thermal efficiency of our monolithic concrete lining, keeping running costs low.
- 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.
- 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.
- Built-in multi-channel thermocouple data logger to record the temperatures.
- This model is available as a Static, Mobile, or Transportable Incinerator.
- Optional Extra features include: Stack Extension / Ash Rake / Heat Exchanger / Control Panel screen size increase / Service Kits.

*Higher burn rates are dependent on efficient usage and waste type. This may be subject to your local regulations. Speak to a member of our team for more information.



Above image is of main chamber during operation



Image of the AIS 3860Cyclone with fully automated Lid open / close operation



"Our mission is to build the most robust, fuel-efficient, cost-effective solution for the disposal of animal and animal by product waste and to continue to be the brand that is known world-wide for both quality of product and quality of customer service".

Be Assured of a Quality Product & Quality Service with AIS:

- Each machine is hand built 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 manufacturer's 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:

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

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



Specifications	Unit - Metric		Unit - Imperial	
*Burn Rate	Up to kg/hr	1000	Up to lbs/hr	2205
Front / Top Load		Top		Top
Static Operational Dimensions (LxWxH)	m	10.4 x 2.8 x 4.9	feet/inch	33' 11" x 9' 4" x 19'
External Height - Static	mm *inc. Stack	4857	feet/inch *inc. Stack	19'
External Height - Static	mm *ex. Stack	2754	feet/inch *ex. Stack	9'
Weight	Tonne *estimated	21.4	lbs *estimated	47179
Load Height from Ground (floor to bottom edge)	mm	1750	feet/inch	5' 9"
*Fuel Consumption Diesel	LPH *est during main burn	51 - 77	GPH *est during main burn	13.4 - 20.4
*Fuel Consumption LPG	LPH *est during main burn	75 - 116	GPH *est during main burn	19.1 - 30.5
*Fuel Consumption Nat Gas	m ³ /h *est during main burn	51 - 77	ft ³ /h *est during main burn	1793 - 2729
Grate Bars		60		60
Load Door Opening (Width x Height/Depth)	mm *area	3955 x 1900	ft/inch *area	13' x 6' 3"
Chamber Size (LxWxH)	m	4.0 x 1.9 x (1.5 - 2.1)	ft/inch	13' x 6' 3" (4' 11" - 7' 3")
Chamber Actual Volume	m ³	11.00	ft ³	388
Chamber Load Volume	m ³	6.81	ft ³	241
*Chamber Load Capacity	kg	3750	lbs	8269
Std Stack Diameter	inch/mm *2D Size	625mm	inch/mm *2D Size	625mm
No. Main Burners		5		5
No. Secondary Burners		2		2
Burner Output	kW *heat	1120	Btu *heat	3,821,599
Electric Consumption	kW *electricity	3.25	kW *electricity	3.25

*The optimum performance of the incinerator is dependent upon efficient usage and waste type

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Speak to a member of AIS today.

Call us on: (217) 335-4558

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Visit us: www.agriincinerationsystems.com