

Inciner8 Ltd

Model A500 Waste Incinerator

Efficient, clean and durable

Features overview

- Designed for economical performance.
- Low profile for easy loading and ash removal
- Refractory lined to retain heat for efficiency.
- Available with LP, Natural gas or fuel oil burner
- Optional secondary burner where needed.
- Optional secondary chamber to produce 2 second gas retention time at 850 deg C

Ease of use

- Auto ignition. No pilots to light. Set the timer and walk away.
- Single burner reduces maintenance cost.
- Built-in skid facilitates placement.

Fuel efficiency

- Rapid incineration means low fuel consumption.
- Higher burn rate than smaller models.
- Thick refractory lining in main chamber retains heat, increasing efficiency.

Quality built to last

- Heat resistant aluminized steel.
- Stainless steel stack.
- Backed by years of incineration experience.



Standard Model A500



View of primary chamber during operation

The benefits of incineration . . .

Hygienic

Waste can be destroyed as fast as it accumulates. Nothing is left to spread disease or to attract rodents and flies.

Convenient

Fill the chamber and turn on the burner. No watching required since timer automatically shuts down burner. Alternative methods frequently require more time to manage and maintain.

Thorough

Leaves only sterile white ash and brittle bone fragments. Reduces animal carcasses to approximately 5% of sterile residue.

The Model A500 is the mid size unit that we produce in the range of incinerators burning less than 50kg per hour. It is available in different variations, with the most popular being the UK DEFRA approved Model A500(A), which utilises a secondary chamber providing a gas retention time of 2 seconds at 850 degrees Centigrade and maintains this throughout the burn cycle. This makes the Model A500 (A) version ideal for burning animal carcasses in accordance with the animal-by-product act.

The unit is unique in that it uses a dual fired burner motor rather than two separate burner units, this not only is more efficient but provides low maintenance and fuel costs.

The unit can be preset to burn for the required time and has numerous safety cut off features.

The burners come with a unique post burn cool down system, which allows for quicker cool down before restocking.

The model A500 is a top loading design which also benefits from the extra large loading door allowing easy access and charging. It also has skids to allow easy handling with a forklift.



DEFRA Approved Unit A500(A)

Specifications

CHARGING RATE - Pathological: Up to 230 kg per charge of typical pathological waste . Batch loaded allowing complete burn-out in approximately 5 hours, cool down and ash removal before reloading.

Burn rate: Approximately 45 kg/hr.

Available in Natural gas, LPG, Diesel Oil or Kerosine

Model A500

Chamber capacity - 230 kg

Chamber volume (approx.) .42 m³

Chamber size (outside)

Width 86 cm Height 97cm Length 152 cm

Door opening 66 x 76cm

Height to door 89 cm

Height to top of stack 4.3 m

Weight - 603 Kgs

Suggested slab size (l x w x thick) 1.8 m x 2.4 m x 10cm

STACK

Stainless Steel Stack height 2.44 m 30.5 diameter, 16 gauge (1.52 mm) stainless steel

GENERAL

Electrical service Standard—115 volt, 60 HZ, 20 amp. Also available—220 volt, 50 HZ, 10 amp

Model A500(A)

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Chamber volume (approx.) .42 m³

Chamber size (outside)

Width 86 cm Height 97 cm Length 152 cm

Door opening 66 x 76cm

Height to door 89 cm

Height to top of stack 4.3 m

Suggested slab size (l x w x thick) 1.8 m x 2.4 m x 10cm

Secondary Chamber Volume .65 cubic metres

2 second gas retention time at 850 deg. C

Temperature monitor. Dual fired burner available in LPG, natural gas, Diesel or kerosene.

STACK

Stainless Steel Stack height 2.44 m, 30.5 diameter, 16 gauge (1.52 mm) stainless steel

GENERAL

Electrical service Standard—115 volt, 60 HZ, 20 amp. Also available—220 volt, 50 HZ, 10 amp

Dealer

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