



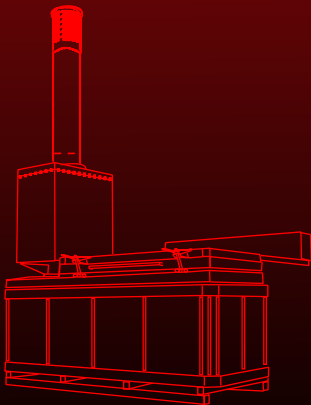
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Message from Managing Director

“years end, but Inciner8 success story last”

While the year 2010 comes to the end, we are all looking back at past 12 months trying to see if we accomplished our plans, hopes and pursuits.

At Inciner8, we have a lot of reasons to be satisfied with accomplished. Our recent figures showed that we are now officially present in 115 world countries where our products has been sold, while our dealership network spreads on over 55 countries on all continents.

New incinerator models, improved product design and quality, continuous sales growth, and many satisfied customers, is what makes 2010 another success story for Inciner8.

We shouldn't forget all our dealers, agents and customers who we should thank for achieving such impressive results and positioning Inciner8 on the throne of number one incinerator supplier in the world.

I want to take this opportunity to thank you all for your business over the last year and wish you best wishes for the upcoming hollidays and prosperous new year.



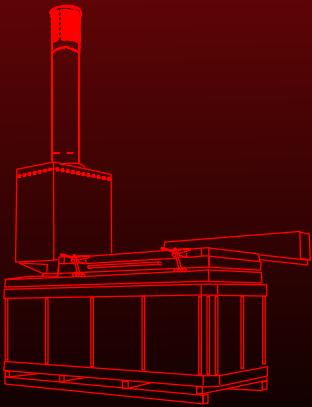
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A4000

New large multipurpose model



The Model A4000 is a Large incinerator and was designed for large scale and municipal waste destruction. The unit has a 2.4 cubic meter combustion chamber, with a full top door for easy loading.

The large secondary chamber provides a post combustion afterburner to provide a 2 second gas

residence time at high temperatures to ensure that all gases are re-burnt in the chamber. The whole unit is a 3mm anodised steel shell with a 8-10cm thick refractory lining which keeps the heat inside the chamber whilst allowing cool walls on the outside.

Recently, 13 A4000 models has been delivered to Nigeria for medical waste as well as for camp waste in Eritrea.





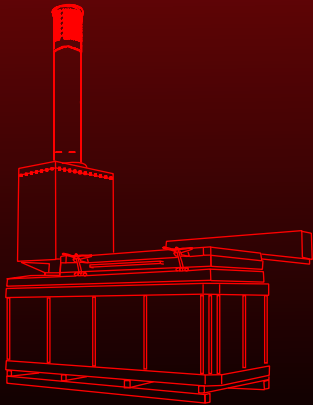
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Technical bulletin No 8.

Many incinerators sold all around the world, own product development and design combined with long experience with technical support helped us to build a knowledge base that we are trying to pass to our customers and dealers.

One of the most important step in maintenance service or repair is to detect source of the failure.

Purpose of our incinerators is controlled combustion in known environment.

Main elements of the combustion we are controlling are:

- o design (shape) of the combustion and after combustion chambers
- o chimney suction power
- o fuel amount and specifications
- o air amount
- o combustion temperature
- o after combustion temperature and retention time
- o waste mixture and quantity

To maintain effective and clean combustion, all of the mentioned elements are very important.

In next few technical bulletins, we will try to explain importance, possible problems and maintenance procedure for each of element required for proper waste incineration.



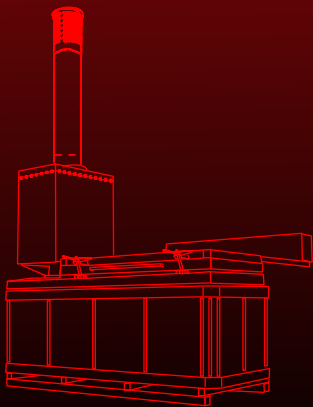
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Chimney suction power

In last issue, we tried to explain design of chamber, possible problems, importance of proper maintenance and proper waste loading.

In this issue we are going to write about chimneys.

Basic chimney definition says that chimney is a structure for venting hot flue gases or smoke from Incinerator to the outside atmosphere.

The combustion flue gases inside the chimneys or stacks are much hotter than the ambient outside air and therefore less dense than the ambient air. That causes the bottom of the vertical column of hot flue gas to have a lower pressure than the pressure at the bottom of a corresponding column of outside air.

That higher pressure outside the chimney is the driving force that moves the required combustion air into the combustion zone and also moves the flue gas up and out of the chimney.

That movement or flow of combustion air and flue gas is called "natural draught/draft", "natural ventilation", "chimney effect", or "stack effect". The taller the stack, the more draught or draft is created.

Inciner8 flue gas stacks are precisely dimensioned in order to assure proper flue gas flow.

Unauthorized changes on chimney size can lead to a case of diminishing returns: if a stack is overly tall in relation to the heat being sent out of the stack, the flue gases may cool before reaching the top of the chimney.

This condition can result in poor drafting, and the cooling of the gases prior to exiting the chimney can cause creosote to condense near the top of the chimney. The creosote can restrict the exit of flue gases and may pose a fire hazard.

Because of that, we always ask our customers to specify desired chimney height with their orders and not alter chimney without consulting us.

INCINER8

Technology for a cleaner world



Dear Friends, Business Associates and Customers,

*We want to take this opportunity to thank you for your
business over the last year.*

Seasons Greetings and Prosperous New Year

