



**HAARSLEV™**

Processing Technology

# **RECUPERATIVE THERMAL OXIDIZER**

Product brochure



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# RECUPERATIVE THERMAL OXIDIZER



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ELIMINATE ODOR PROBLEMS STEMMING FROM RENDERING AND PROCESSING MEAT AND FISH BY-PRODUCTS – AND OTHER INDUSTRIAL PROCESSES.

You can quickly and effectively get rid of virtually all unpleasant odors in the gases and vapors from your rendering plant by exposing them to very high temperatures in combination with the presence of oxygen. This triggers an oxidation reaction that transforms the problematic complex organic solvents into simple, easy-to-dispose-of mixture of mainly CO<sub>2</sub> and H<sub>2</sub>O.

This provides you with an energy-efficient way to ensure compliance with increasingly stringent environmental requirements. Another big upside is that energy from the oxidized hot gases is recovered using a steam boiler that generates large quantities of valuable steam for use elsewhere in your rendering plant or in other processing equipment.

## APPLICABLE FOR:



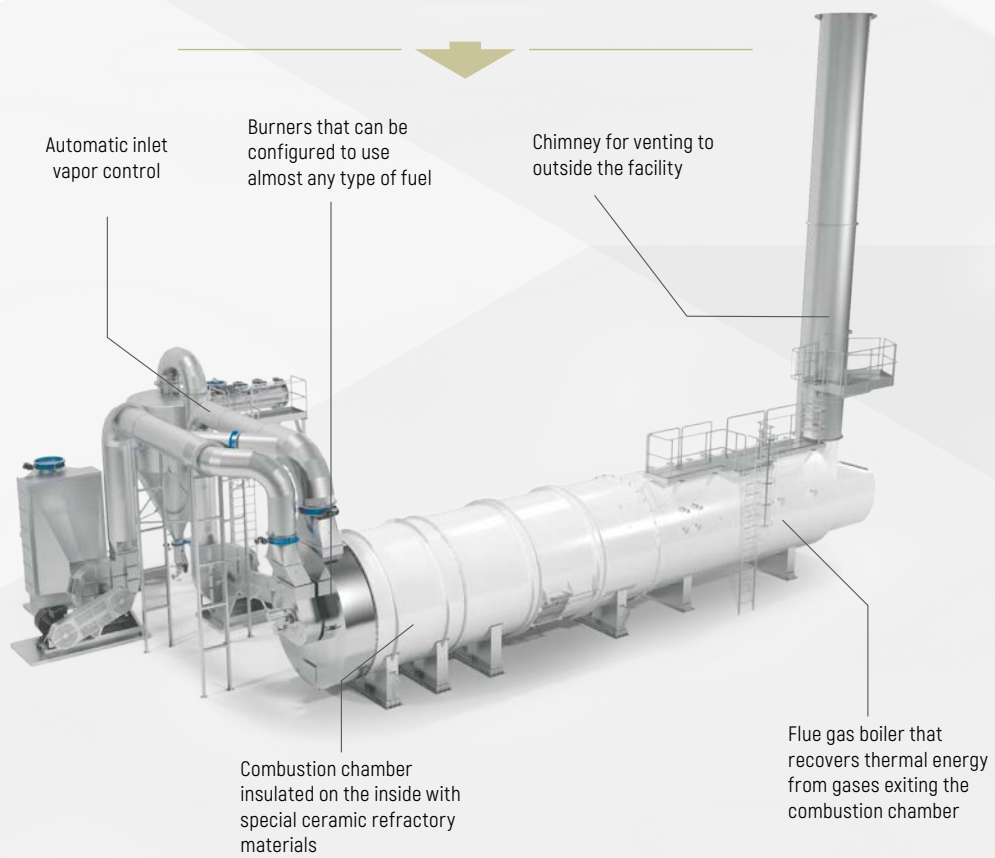
This recuperative thermal oxidizer system purifies gaseous effluents that include:

- Vapors from cookers and dryers used in processing meat and fish by-products
- Air contaminated by VOCs from rendering processes
- Non-condensable gases coming from vapor condensation

## BENEFITS

- Widely accepted as the best-available (BAT) technology for combating odors from rendering plants
- Effective recovery of energy from the oxidized hot gases
- Ideal for all rendering plants where large quantities of steam are needed
- Very short start-up time ensures maximum operational flexibility

## GASEOUS EFFLUENTS AND PROCESSING VAPORS FROM RENDERING OPERATIONS



**BETTER THAN 99% ODOR  
REDUCTION IN OUTGOING GASES**

We reserve the right to alter the specifications at any time without prior notice.



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## PROCESS IS POTENTIAL

### HEAD OFFICE

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