



HAARSLEV™

Processing Technology

CHEMICAL SCRUBBER

Product brochure



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FOR DEALING WITH VOC-RELATED ODOR PROBLEMS WHEN PROCESSING MEAT AND FISH BY-PRODUCTS

The Haarslev Chemical Scrubber is an effective way to deal with odor problems caused by volatile organic compounds (VOCs). Normally sized to treat 6–8 times the volume of air inside a building or other enclosed space, and to repeat this 6–8 times an hour.

APPLICABLE FOR:



- Processing meat and fish by-products
- As a primary chemical washing system in odor reduction
- As an additional oxidation stage, in combination with thermal oxidation

Undesirable odors from rendering operations are mainly the result of degradation of proteins from raw materials producing gases as hydrogen sulfide, ammonia and volatile organic compounds (VOCs) such as amines, mercaptans, aldehydes, ketones, organic sulfides, etc. This results in complex mixtures of odorous effluents in low concentrations.

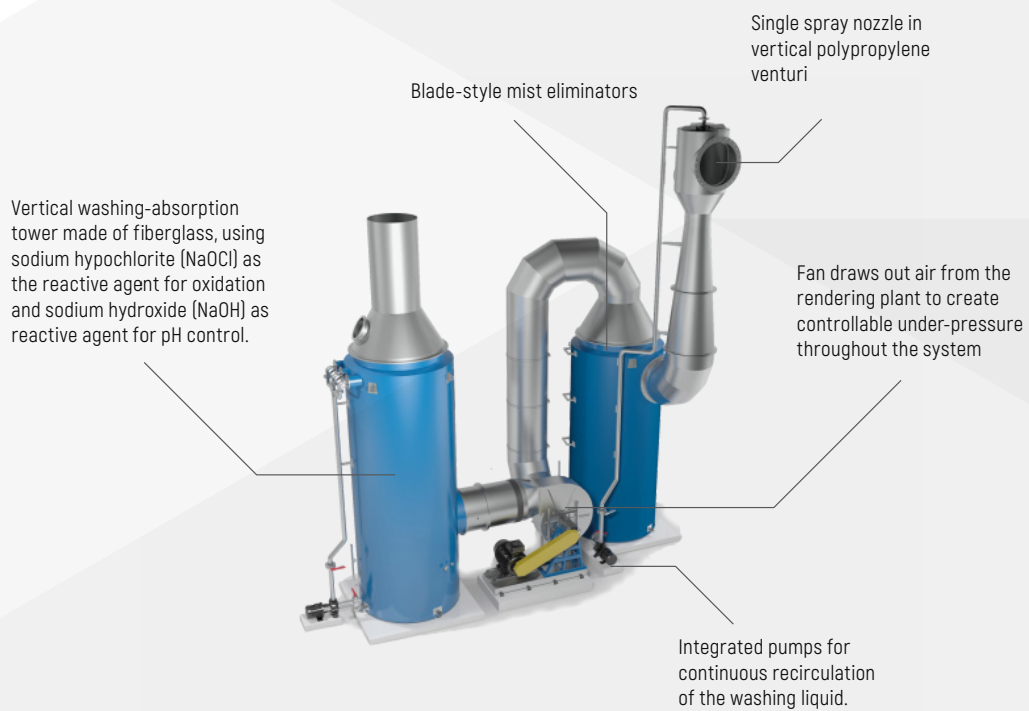
This system uses water and reagents to absorb acidic and basic molecules (such as H₂S and NH₃) and bring about chemical oxidation of the other organic particles. The reagent combinations and equipment configurations are always engineered to order, to deal with the air flow rates and gas compositions in your particular operations.

These systems are available as single or multi-stage setups, with towers made of corrosion-proof. You can also choose between automatic and manual chemical control and monitoring.

BENEFITS

- Small investment enables you to remove odors from large volumes of air
- Controlled process, with low operating costs
- Takes up much less space than a biofilter bed and other possible odor reduction alternatives
- Easy to add to space-constrained facilities – can be installed outdoors
- Very little maintenance required

FLOWS OF AIR FROM ANY AREA IN MEAT AND FISH MEAL PROCESSING PLANTS



**OUTGOING AIR WITH VASTLY
REDUCED ODOR CONCENTRATION**

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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