



Incineration Systems

Proven Thermal
Treatment Technologies
for Processing Commercial,
Industrial, Hazardous,
and Medical Wastes

Trust Verantis to solve your waste processing challenges.

With decades of experience backing each of our thermal treatment solutions, Verantis offers the proven expertise and comprehensive capabilities to process virtually any type of waste your facilities and operations generate.

Our systems operate around the world, processing solid, liquid, sludge, and gaseous waste streams from an endless array of commercial, industrial, hazardous, and medical waste applications. Each system is custom engineered to balance your business's need for cost-effective, efficient operation with the ever-escalating environmental need to comply with air pollution regulations. Our technologies successfully satisfy all European Community, United States EPA, Chinese GB, and Saudi Royal Commission regulations.



We go beyond waste storage to provide an end-to-end solution.

When it comes to difficult waste processing applications, you want a partner that's capable of handling all aspects of your thermal treatment needs. At Verantis, we strive to be a single source solution provider, offering systems for your entire plant. We assess all aspects of your specific application and design a system that is custom engineered for your facility. And we help you evaluate the value of energy recovery systems, specialized product recovery equipment and the appropriate emissions control systems that work hand-in-hand with your incineration equipment. Based on your unique requirements, Verantis will custom engineer an integrated, turnkey environmental package to address your thermal treatment, energy and recovery, and air pollution control needs.

From waste characterization studies to equipment fabrication, Verantis is with you every step of the way.

Because Verantis offers both engineering expertise and complete equipment fabrication capabilities, you truly need only one partner for your thermal treatment requirements. Our engineers can assist with everything from assessing the type of waste you produce, to obtaining environmental permits, to custom designing your incineration and related air pollution control systems. We fabricate all system components in our state-of-the-art manufacturing facilities. Finally, our service team will install your system and provide the ongoing parts and field service you need to keep it operating at peak performance. With worldwide facilities and offices, Verantis can serve you at the local level, ensuring the most cost-effective solutions, service, and support at every step.



Incineration Equipment

Verantis can help you choose from the following types of incinerators to process your commercial, industrial, hazardous, or medical wastes.

Rotary Kilns: Flexible solutions for processing mixed hazardous waste streams.

- Ideal for all types of hazardous waste
- Simultaneously dispose of liquids, solids, and sludges with large variations in heating value
- Complete packages include waste storage, feed systems, complete combustion systems, and continuous ash removal options

Liquid Waste Incinerators: Efficiently dispose of contaminated solvent, aqueous wastes, and bulk liquids.

- Ideal for a wide range of industrial, chemical, pharmaceutical and hazardous waste applications
- Horizontal or vertical down fired configurations available
- Complete packages include combustion system, liquid waste feed system, and controls
- Combine with vent gas or fume streams for simultaneous processing of liquid and gaseous waste streams

Fume/Vent Gas Incinerators: Effectively process contaminated vent gas and fume streams.

- Designed for industrial, refinery, chemical, and pharmaceutical applications
- Direct-fired thermal treatment systems can be combined with energy recovery boilers to generate steam
- Complete packages include combustion equipment, controls, and process vent gas and fume delivery systems

Controlled Air Incinerators: Intermittent or continuous duty solutions for processing solids, packaged sludges, and liquids.

- Ideal for processing all types of industrial and clinical waste streams
- Capable of processing at feed capacities from 25 kg/hr up to 1,000 kg/hr
- Complete systems include multiple waste feed and ash removal configurations and fully integrated combustion systems



Contact Verantis

For more information about incineration systems and thermal treatment technologies that can meet all your waste processing needs.



Please visit our website at www.verantis.com