

PACT™

WASTE TREATMENT

The Plasma Arc Centrifugal Treatment (PACT™) System provides superior destruction of a wide variety of wastes.

The Retech PACT™ System:

- Uses high temperature nitrogen plasma to convert non-organic materials into vitrified slag and organic materials into simple molecules, with high destruction and removal efficiencies
- Is recognized worldwide as the answer for processing and disposal of environmentally hazardous materials and waste products, thereby ensuring a cleaner environment for future generations
- Can be manufactured in a variety of sizes and configurations to suit many common industrial or military waste streams such as commercial and field hospitals, medical, nuclear or research facilities, as well as refineries and waste treatment plants
- Will produce a stable, homogeneous, and durable slag that requires no further treatment and is ready for sale as aggregate or long-term storage
- Can greatly reduce the volume of charged material, including loose feed, slurries, small batches or even 55-gallon drums that can be fed directly to the system
- Will be custom designed based on the waste material composition and form
- Utilizes patented torch technology to process materials to an inert state

Materials:

- Hazardous Waste
- Mildly Radioactive Waste
- Biological Waste

Applications:

- Waste Vitrification

Retech, a SECO/WARWICK Company, is the global leader in the production of Plasma Arc Melting (PAM) furnaces used for melting, refining, and casting reactive, refractory, and other metals, oxides, and metalloids like silicon. In fact, Retech's customers are currently the only qualified PAM producers of rotor-grade alloys.

Contact us to learn more.

