

Waste Energy Recovery System (WERS)[™]



- ANY WASTE, Wet or Dry!
- There are virtually NO limitations!
- Household Trash, All Plastics, All Paper, Wood
- Light Bulbs, Computers, TVs, All Other E-Waste
- Construction/Demolition Materials, Including Asbestos, Cement
- Rubber/Tires, All Sized Batteries, Insulation and Styrofoam
- Industrial Waste and Hazardous Chemicals
- Medical Waste: Needles, Scalpels, Infectious Materials
- Paint Cans, Soda Cans, All Other Aluminum

ZERO%
EMISSION

YOUR PATHWAY TO A REVOLUTIONARY WASTE MANAGEMENT FACILITY

WERS became possible after finally solving a problem that had perplexed science for over a century. When scientists discovered a way to maintain a low-heat plasma state, the door to the future of waste processing had been opened. In contrast, high-heat plasma state, like that generated in older, inefficient waste technology, creates too many problems, high costs being only one. The low-heat plasma state achieved in the Plasmatron[®]—and maintained by feeding solid waste—can be found in no other technology previously introduced. It is the key reason why The PLASMATRON is the first technology of its kind to be approved by the EPA in 2018.

To clarify, the ingenious plasma state—induced, hydrogen-splitting technology does not rely on burning, as do older, seemingly similar technologies, to molecularly transform waste matter (MSW & Biomass) down to its basic elements. It's a much smarter technology that takes municipal solid waste processing far beyond incineration & plasma gasification.

All systems, large or small, can be customized to individual needs

Main Characteristics:

Fully customizable; from 100KG to 2,000 Tonne/ daily

Portable up to a certain size

Variable inputs

Significantly Lower Cost

No Power

Full Automation

Carbon-Free Electricity (With optional equipment and minimum waste is needed for efficiency)

Synthetic Fuel (With optional equipment and minimum waste is needed for efficiency)

Only by-product is ceramic ash

Applications include (but are not limited to):

Military bases/installments (smaller systems can be configured to fit a 20' SE-CAN to be easily deployed and maintained)

Waste to Energy- Reduce landfill space by up to 97%, but it is a key component in converting waste to energy!

Mining— can be used to grind as small as 1 micron, use in mining slag to recover precious metals left over from regular mining

Municipal Solid Waste-Is so versatile it can grind any waste except case hardened steel

Disaster Cleanup— Can be setup and running in remote locations

Factory Seconds— Wood mills, construction mills

Oil fields— Can be used to remediate sands and land around well sites to be rid of the hydrocarbons, which are reclaimed.

All construction debris

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