

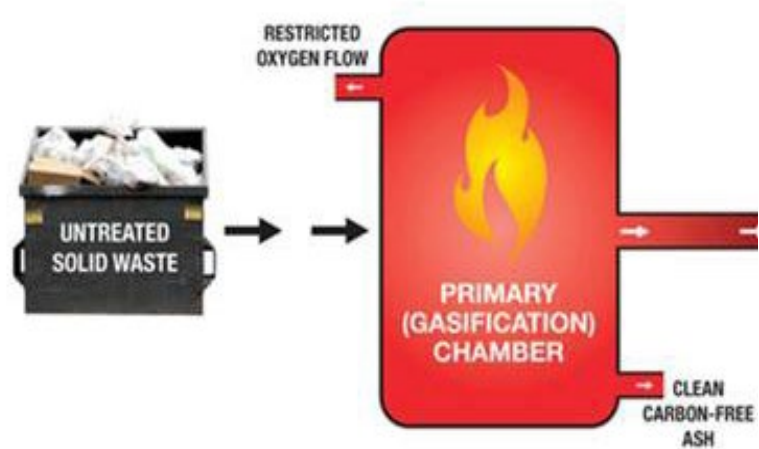
Batch Oxidation System™ (BOS™) Two-Stage Thermal Gasifier



Waste-to-Energy Solution:

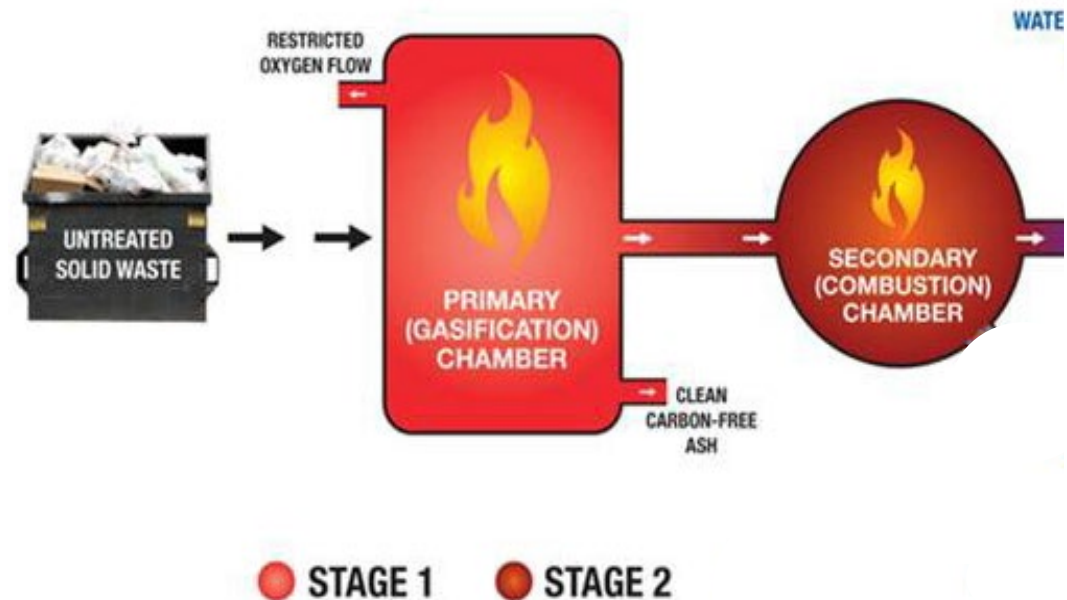
- Decentralized or Centralized Model, not triggered by critical mass.
- 20 to 360mtpd.
- Carbon neutral.
- Community driven / ownership.
- Deployed Globally, highest standards – EPA, CDN,EU
- Simple, intelligent and modular design.
- No need for sorting or pre-processing of waste required.
- Accepts complete waste stream spectrum (solid/liquid).
- Cleaner emissions than central power plants i.e. Natural gas, Coal.
- Dramatically cuts Greenhouse Gases.
- Bottom ash is non-toxic and useful as aggregate to roads or building block manufacturing. Mo
- Cuts landfill waste to zero or near zero.
- Scalable to allow for changing demand.
- cBOS can process post-recycled waste, municipal, medical, industrial oil, sewage sludge and other waste streams, COR handles more uniform feedstock.l, industrial, oil, sewage other waste streams,

BOS™ Thermal Gasification Waste-to-Energy Process Flow Diagrams

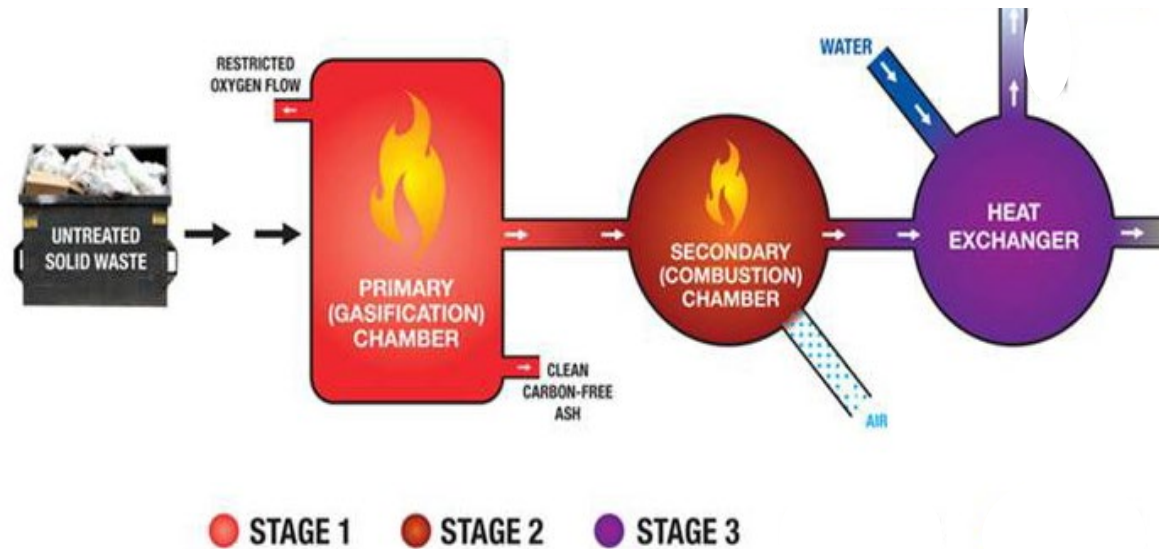


● **STAGE 1**

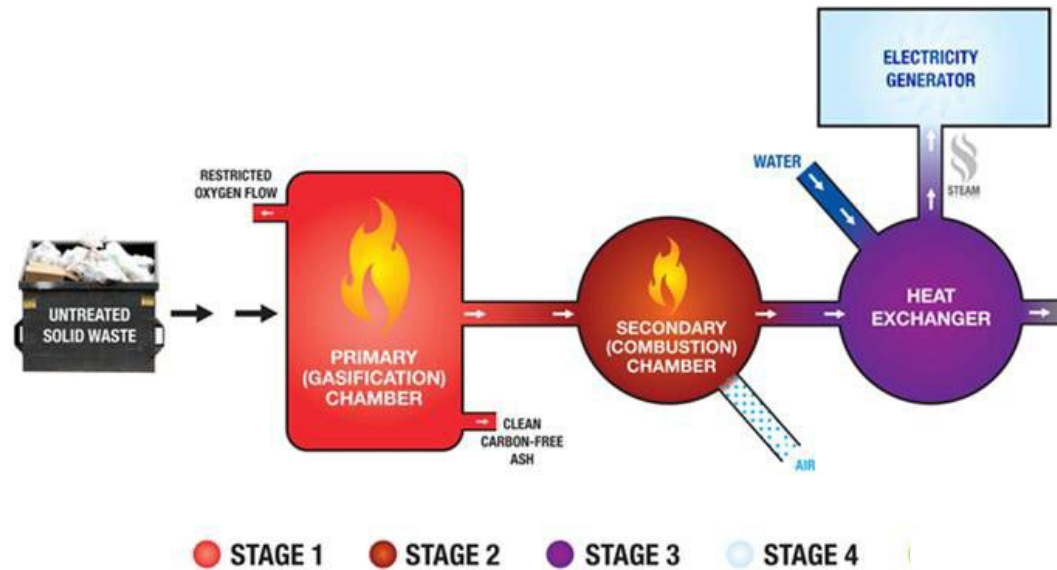
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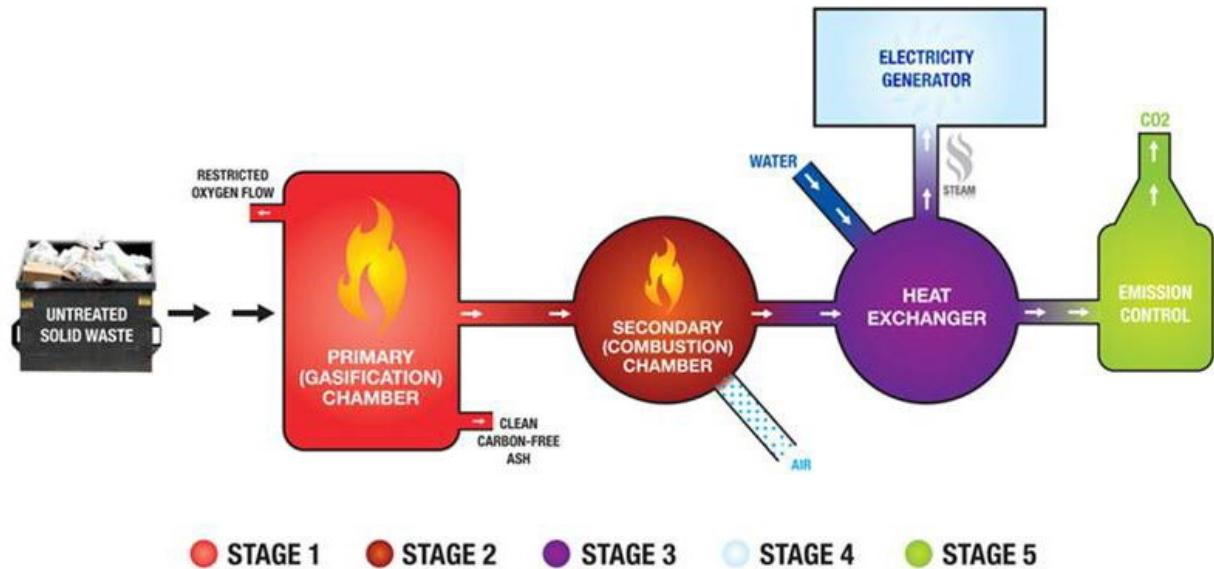
BOS™ Thermal Gasification Waste-to-Energy Process Flow Diagrams



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Shortlist of Acceptable Solid Waste Types



- Municipal solid waste
- Industrial & commercial
- Construction & demolition
- Medical & pharmaceutical
- Tires (whole or shredded)
- Fish and animal remains
- Wastewater bio-solids (sludge)
- Biomass crops
- Tree stumps
- Hazardous waste

BOS™ Can Also Convert Liquid Wastes

Liquid wastes can be injected into BOS™ to be destroyed safely while boosting energy recovery.

Shortlist of Acceptable Liquid Wastes:

- Used motor oil
- Oil and latex paints
- Organic solvents
- Anti-freeze
- Transformer fluid
- Organic refrigerants & propellants
- Persistent Organic Pollutants(POPs) such as pesticides & herbicides in liquid or solid form

cBOS™ Waste-to-Energy Facility Exterior Looks Much Like Ordinary Warehouse

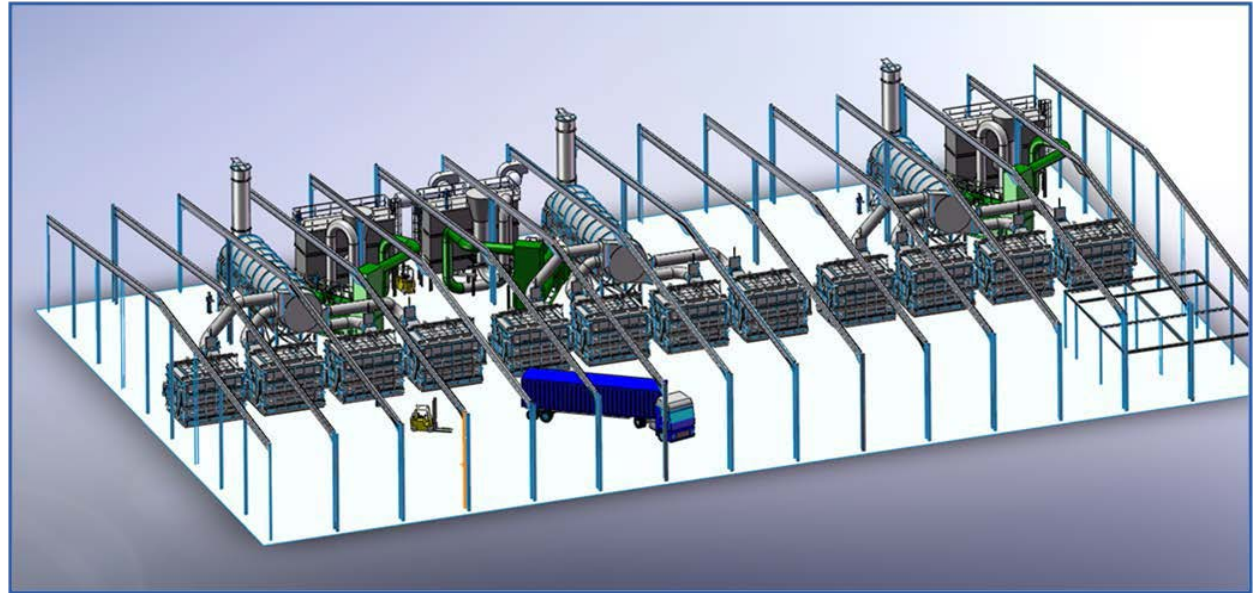


Low-Profile Building
Small Site Footprint
Waste-to-Energy
Facility Sized for:
**Three cBOS™ Process
Trains**

Site footprint 0.7
hectares (1.75acres)

Building area 5400 m²
(1.3 acres)

Layout of Waste-to-Energy Facility with Three cBOS™ Process Trains



**180 metric tons per day waste-to-energy
facility. Plant can produce up to 6 MW
electricity.**

Thank You

For further assistance, and for a personalised assessment of your needs.
Please visit us online at:



<https://wwpllc.com/>