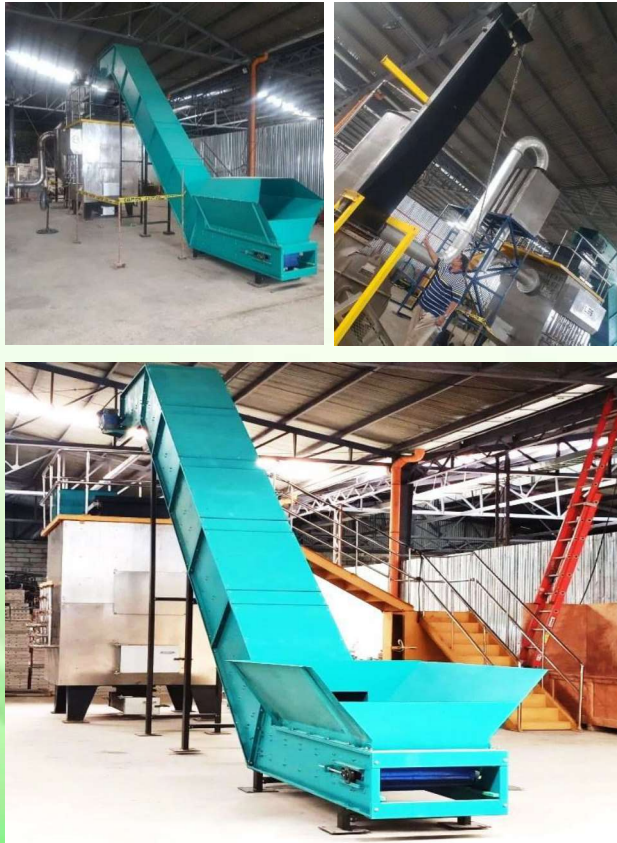


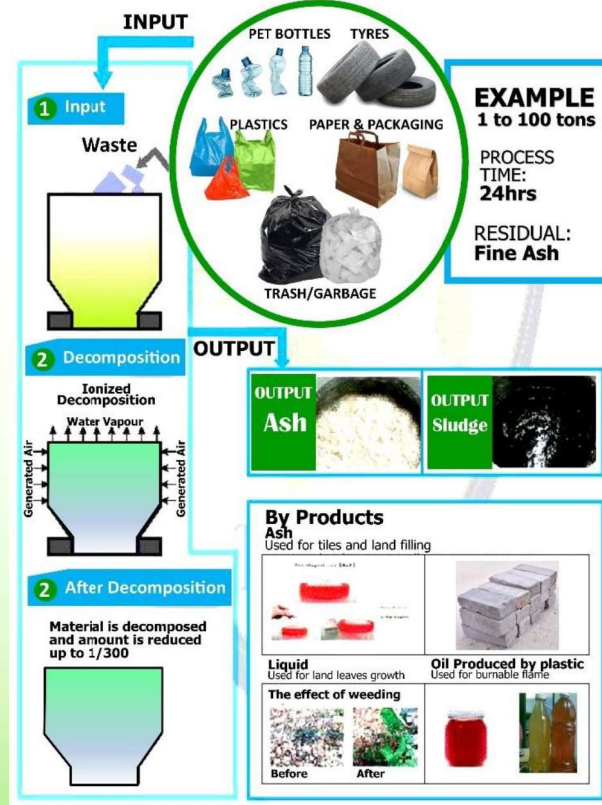
Eco Waste Management System



Eco Waste Management System offers an efficient and commercially viable, eco-friendly, permanent solution to waste management. This new, state-of-the-art technology does not require any input energy source like fuel or electricity, to manage the waste.

EWMS Technology is flexible in handling different types of waste. In the Philippines, the technology will be used to process residual municipal solid waste in compliance with Republic Act (RA) 9003. It also has the capacity to process bulky wastes such as used tires, PET bottles, plastic bags and Styrofoam.

DISPOSAL PROCESS



HOW ECO WASTE MANAGEMENT SYSTEM WORKS?

- Waste is fed into the chamber of the equipment at uniform intervals. During the commissioning process an initial start ignition is done using camphor/dry-wood, destruction starts slowly by splitting the molecules into atoms. Further ionization of atoms into electrons, protons and neutrons is called the “ionization state”. Acceleration of electrons creates a strong energy which increases and maintains the heat in the chamber.
- On the other side a small amount of atmospheric air is allowed to pass through a strong magnetic field into the oxygen starved chamber. During this operation, oxygen molecules split into elemental oxygen having a negative charge. This atomic oxygen will oxidize the perfectly organic surface and change organic matter into desperate organic oxide. This reaction is induced by exothermic phenomenon, creating a thermal condition of +/- 200°C accelerating a reaction which will create initial decomposition.
- Upon achieving 200°C (by initial firing), then accelerating to 500-1000°C through magnetized ionization, a thermal vibration will be achieved.
- The decomposition of waste takes place stack wise so that the heat energy generated will be continuous. Located at the bottom of the destruction chamber is a tubular type radiator positioned near the lower layer of the equipment where ash gets deposited and separated. The waste heat is recovered through a tubular heat sink arranged near the upper layer of the deposited ash of a hearth center section of said decomposition chamber and said hearth periphery. This entire structure will support heat transfer, recovering the waste heat and applying it back to the wet waste, thus reducing the moisture content dramatically.
- The flue gasses emitted from the decomposition chamber is released by induced draft. The emission may contain some toxic components like **dioxin** and **furan**, **heavy metals**, **nitrogen oxides**, etc., which are treated by the 3 stage wet scrubber and activated carbon filters, containing and reducing emissions to achieve the prescribed norms.

BENEFITS & SAVINGS

- De-Centralizes handling of waste
- Reduces Transportation Costs
- Avoids Open Burning of Garbage
- Reduces burden on Landfills
- Phases Out Landfills with Zero Waste
- Saves the Environment from Air, Soil, Ground Water Pollution

TYPES OF WASTE

- Waste Paper
- Food Waste
- Tires & Tubes
- Plastic Waste
- Municipal Waste
- Hospital Waste (Special Machine)

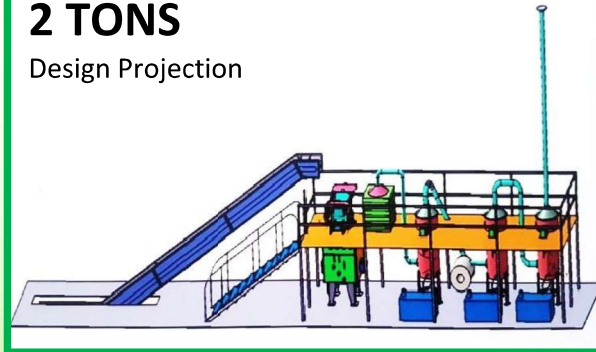
FEATURES

- **NO ELECTRICITY, NO FUEL, NO BURNING, SELF-SUSTAINING:** Magnetized ionization technology is used. The system doesn't need the combustion process, neither electricity nor fossil fuel is used.
- **US TECHNOLOGY:** System is based on United States design and process.
- **PROCESS AT MAGNETIZED STATE:** After initial start-up fire, destruction starts slowly by splitting the molecules into atoms. These atoms are further ionized as electron, proton and neutron and this state is called "magnetized ionization stage".
- **SMALL FOOTPRINT:** A small amount of floor space is required to support the system, this is based on the Unit Size and should be located in close proximity to the Unit.
- **QUICK & FAST:** Decomposition of waste takes place at a fast rate, within 1-1.5 hours a per load of waste.
- **US TECHNOLOGY:** The Eco Waste Management System works on a Programmed Magnetized Oxygenated State that eliminates any and all kinds of environment pollutants
- **AVOIDS LANDFILLING AND DUMP YARDS**
Reduces the volume of MSW in the ratio of 1/200-1/300 times the input waste
- **LOW COST & LESS MAINTENANCE:** Low capital expenditure with minimal running cost
- **MOBILITY:** Compact & Easy for Mobility
- **ENVIRONMENT FRIENDLY**
Helps conserve the Environment by adhering to emission norms; also helps curtail Air, Soil & Ground Water Pollution; Any non-segregated Municipal Solid Waste (MSW) can be handled effectively.



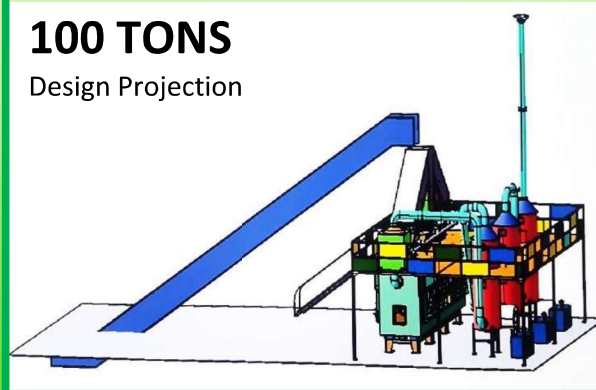
2 TONS

Design Projection



100 TONS

Design Projection



WARRANTY

- One (1) Year Warranty on Parts and Services.
- Annual Maintenance Contract required.
- The solution provider will provide training for buyer's personnel on how to operate "Eco Waste Management System."



Eco Waste Management System

Available in the following capacities:

- 2 Ton Capacity per Day
 - 5 Ton Capacity per Day
 - 10 Ton Capacity per Day
 - 20 Ton Capacity per Day
 - 25 Ton Capacity per Day
 - 40 Ton Capacity per Day
 - 50 Ton Capacity per Day
 - 60 Ton Capacity per Day
 - 80 Ton Capacity per Day
 - 100 Ton Capacity per Day
- (Capacity calculated on a 24 Hour basis)

For more inquiries, please visit or call us:

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All countries inquiries are welcome.