



DROSS MANAGEMENT SYSTEMS & ENERGY SOLUTIONS PVT. LTD.

Environmental, Cost-effective solutions for
generating power in a circular economy



DMS
Energy | Innovation

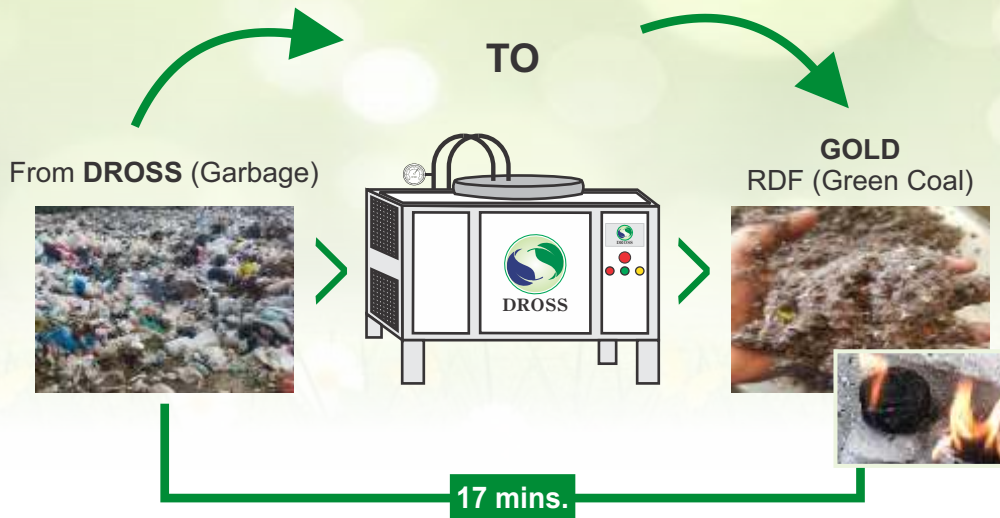


#startupindia

**ONE STOP SOLUTION TO CREATE A SMART & CLEAN CITY
CONTRIBUTING TO SWACCH BHARAT ABHIYAAN**

THE ONLY MIXED WASTE SOLUTION

(Processes MLP, Thermocoal, Paper, Card Board & Food Waste)



OUR PRODUCTS



DROSS MAGIC

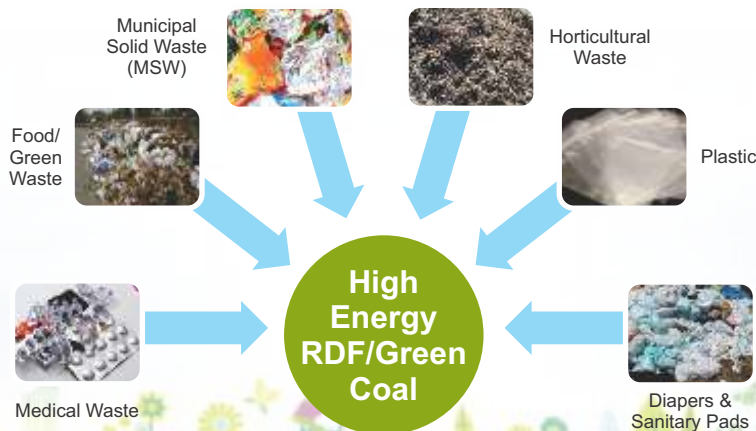
(Available in 250 Kg-2500 Kg Processing Capacity Per Day)



DROSS COMPOSTER

(Available in 50kg – 2 Ton for organic composting in 24 hrs)

TECHNOLOGY APPLICATION



DROSS-MED

(THE BIO-MEDICAL WASTE PROCESSOR)

The Covid-19 crises has given birth to new wastes: like PPE suits, masks, bottles of sanitizer etc. In nutshell, we need a technology which is capable to dispose this waste instantly without affecting the environment.

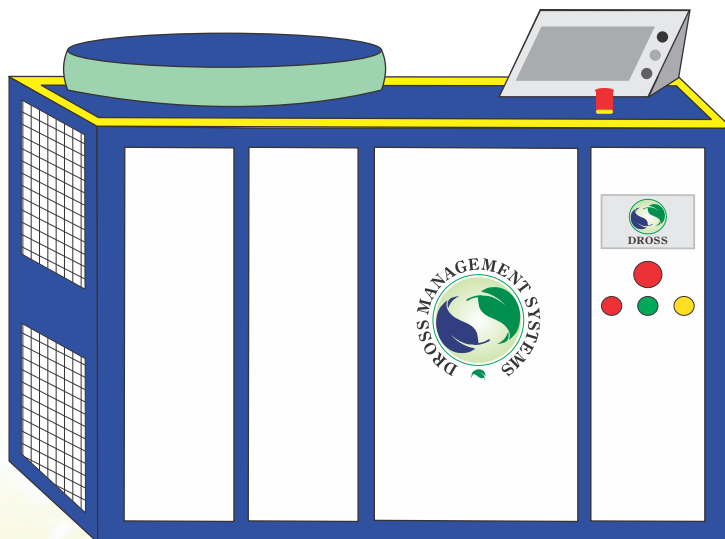
The ongoing pandemic has led to massive increase in use of disposable products and the medical waste is accumulating day by day and there is no easy and safe method for its disposal.

The Govt. has constituted "COVID-19 Waste Disposal Rules", which focus on 'SCIENTIFIC AND SAFE DISPOSAL' of such waste, so that it does not pose hazard to environment.

DrossMed is an innovative technology for scientific disposal of waste generated from health care institutes and use of protective gears. It is the only technology which is plug & play and can treat waste at site by converting it into usable, eco-friendly, economically viable end product RDF or Green Coal.

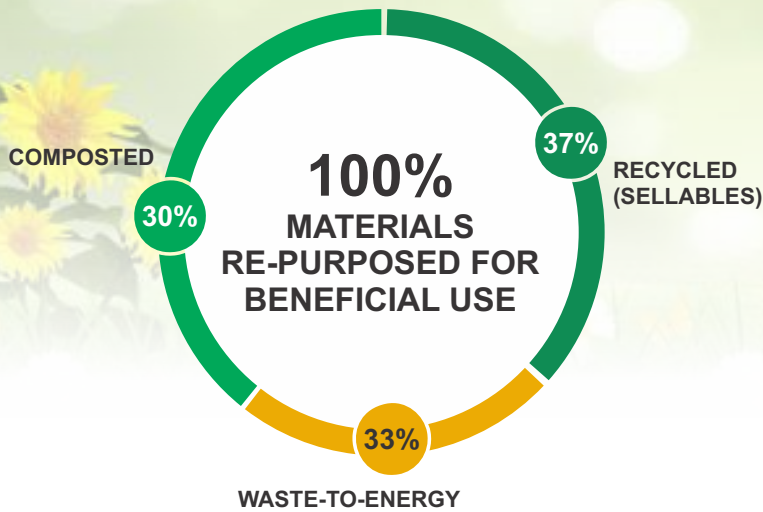
ADVANTAGES

- i. **Low-capital investment** – Cost is fraction of incinerator
- ii. **Low-running cost** – Waste processing is very fast, thus drastically reducing running cost.
- iii. **Small foot-print** – No large dedicated land required. Can be installed within premises or in small plot of car parking size, in hospital. No emissions or bad smells at all. Exceptionally no maintenance and easy operation.
- iv. **Eco-friendly** – no emissions at all. Uses proprietary process in which emissions are trapped in water. Process works on the principal of reduction with absolutely no burning in presence of oxygen hence, no smoke and emissions.
- v. **Minimal labor needed** – Smart, fully automated machine. Can be operated by single person.
- vi. **Processed waste commands commercial value and can be sold as 'solid' fuel** – The processed waste has calorific value, is safe and nonhazardous. Can be sold as fuel to brick kilns and also for boiler operations.
- vii. The process is based on **Induced Catalytic Pyrolysis** (patented technology) followed by reduction and fractional distillation in which environmental norms are carefully adhere to.
- viii. The entire process is economical, proven & sustainable.



DROSS-Med
(Available in 100kg – 500kg Capacity)

A LOT GOES INTO ACHIEVING ZERO WASTE



TECHNOLOGY IMPLEMENTATION

- MILITARY ESTABLISHMENT
- AIR PORTS
- MALLS
- HOUSING SOCIETIES
- HOTELS
- TEMPLES
- BANQUET HALL
- HOSPITALS
- COLLEGES
- SCHOOLS
- MARKET YARDS
- RESIDENTIAL COMPLEXES
- INDUSTRIES
- CIVIC YARDS

KEY FEATURES

- THE PROCESS IS BASED ON INDUCED CATALYTIC PYROLYSIS (PATENTED TECHNOLOGY)
- ALL KIND OF WASTE CAN BE TREATED
- NO LANDFILL
- MIN. SEGREGATION REQUIRED
- BOTH WET & DRY WASTE IS ACCEPTED BY THE PROCESS
- END PRODUCT IS RDF, GREEN COAL, COMPOST WHICH ARE ECONOMICALLY VIABLE
- BURNING, SMOKE, POLLUTION & RADIATION FREE PROCESS**
- PLUG-N-PLAY TECHNOLOGY, NO MAJOR CIVIL WORK REQUIRED
- ONE STOP SOLUTION FOR ZERO WASTE, LANDFILL FREE ENVIRONMENT



Designed, Manufactured, Installed & Operated by:-

DROSS MANAGEMENT SYSTEM & ENERGY SOLUTIONS PVT. LTD.

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DEALERS & DISTRIBUTORS

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