

BHS



**MUNICIPAL SOLID
WASTE RECYCLING PLANT**



OVERVIEW

DUROMECH is leading the industry in Municipal Solid Waste (MSW) Recycling. With much of the industry heading towards MSW material mixes, we have stayed ahead of the technological curve to provide the most advanced systems and equipment to get the job done.

Our experienced design team will work directly with you to customize your MSW processing system to suit your particular needs. Every community has its own unique material mix, and our engineers will find the best possible solution to recover valuable commodities.

DUROMECHS technology is field-proven to divert waste from entering landfills. Our MSW recycling systems are used in combination to recover valuable commodities, divert waste from landfills, and as a front-end separation system combined with energy conversions such as Refuse Derived Fuel (RDF) and others. Whatever your goals are, we provide you with the right and best solution.

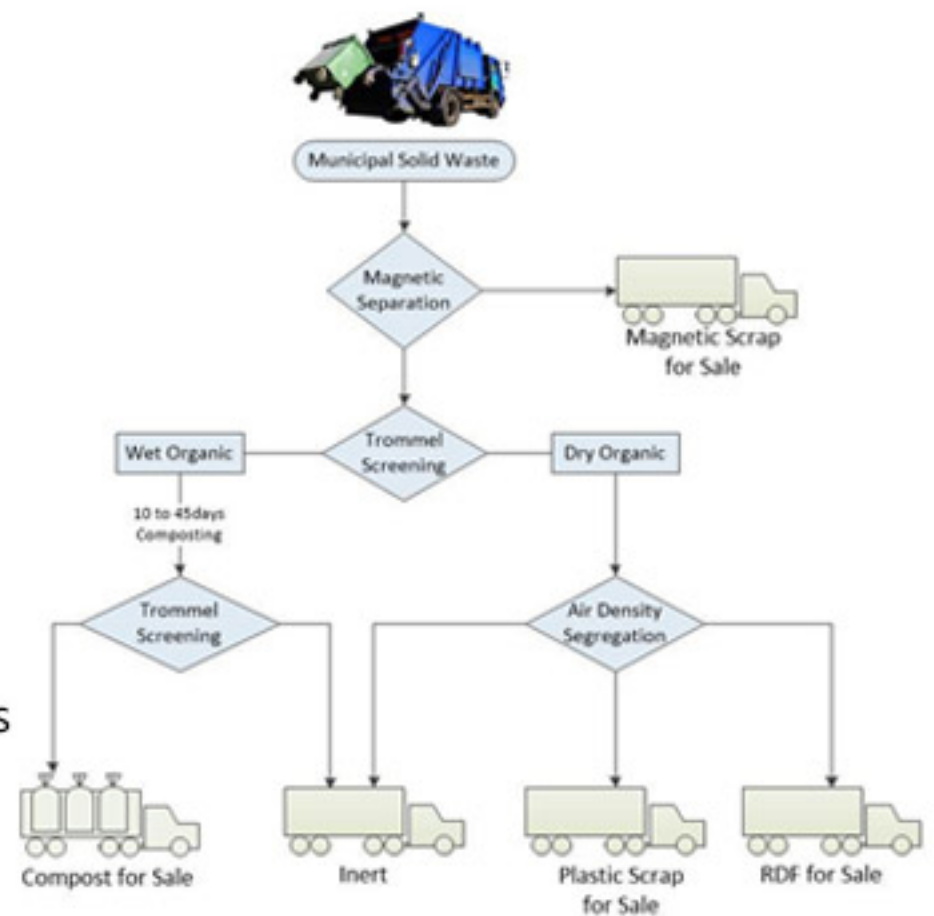


WHAT IS THE MUNICIPAL SOLID WASTE?

- Municipal Solid Waste (MSW) is waste collected by or on behalf of a local authority. It comprises mostly household waste and it may include some commercial and industrial wastes.
- Historically, the quantity of MSW has risen year by year, present a growing problem for local authorities particularly as legislation that limits (by implication) the amount of mixed MSW that can be sent to landfill, becomes more stringent over time.
- Municipal waste management become more and more complex. Then there appears lots of methods to dealing with the MSW, for example, waste compaction, crushing, sorting, solidification, burning and other biotreatment plant. Here we will mainly introduce the Municipal Solid Waste Recycling Plants.

FEATURES & BENEFITS:

- Processes up to 1000TPD
- Increases system capacity and throughput
- Heavy-duty and rugged, built to last
- Maximizes screen efficiency
- Low energy usage and operating costs
- Low maintenance and parts costs
- Multiple throughput capabilities and sizing options
- Adjustable screening plates capabilities
- Zero spillage at transitions



Details About MSW Sorting Systems

Thanks to their sturdiness and configurability, our shredders and grinders are suitable for the working of urban and industrial solid waste. The successive separation, screening & gathering operations are quicker and easier as a result. As the landfills are gradually being closed and the awareness is growing in regards to the need to use waste and scraps in the best way possible, we are motivated to devise and offer new, improved performance machines and to study alternative solutions in collaboration with our clients.

Treatments for Unmanageable Waste

The municipal solid waste sorting system classifies urban waste into several categories through our equipment, involving inorganic matters, sandy soil, organic substances, nonrecoverable inflammable objects, films and plastics and ferromagnetic matters. Thus, we still provide some following treatment against unmanageable Waste.

Organic Substances

On the condition of 1.25Mpa pressure and 193 Celsius temperature, organic substances and percolating liquid can be totally sterilized and deodorized. This process can also separate big molecule into small ones easy to be absorbed by crops and speed up the transformation of sugar and humic acid, at the same time, improve the nutrient in the organic fertilizer.

Films And Plastics

Waste plastics, fibers, artificial leathers and wooden powder can be reproduced to plastic and wood composites which can take place of wood and are featured with no worm-eaten, corrosion resistance, waterproofing, no toxic, and pollution free. This variety of composites has been widely utilized in all works of life. It can not only save a huge amount of forest resources also treat white pollution successfully.

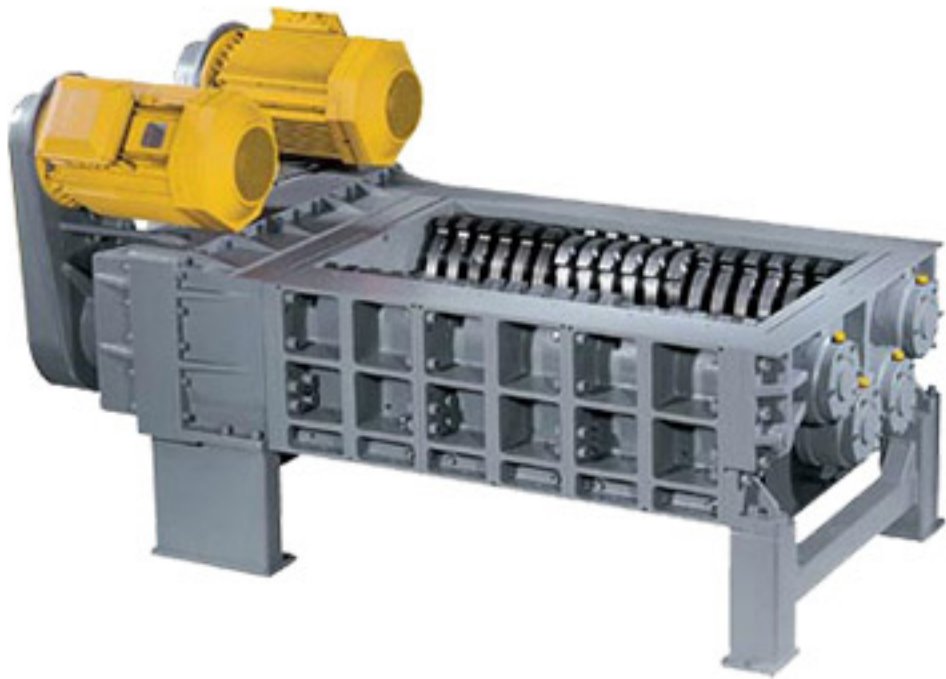
SOLID WASTE MANAGEMENT EQUIPMENT

DUROMECH'S research and development department has developed the most cutting-edge technology for solid waste processing and recycling.

Our equipment is field-proven to give you maximized uptime and throughput, along with the most marketable end-products.

DUROMECH'S equipment is well known for its durability and ruggedness, we have what it takes to separate even the "dirtiest" of MSW material streams.

Some Of the Equipments for MSW Recycling Plant are :



Shredder



Rotatry Trommel Screen



De Stoner



Conveyor

DUROMECH

M/S Thapar Engineering Works



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