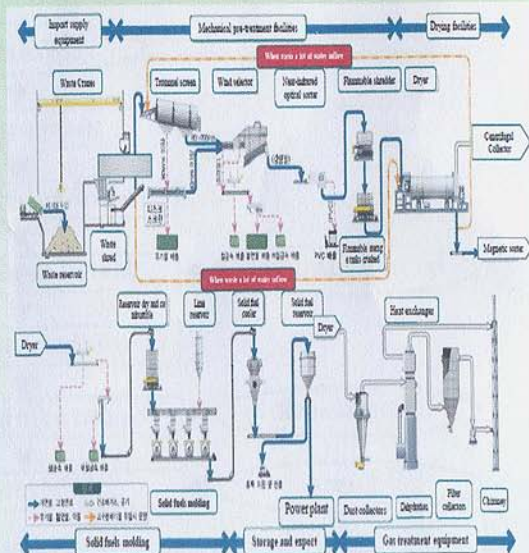
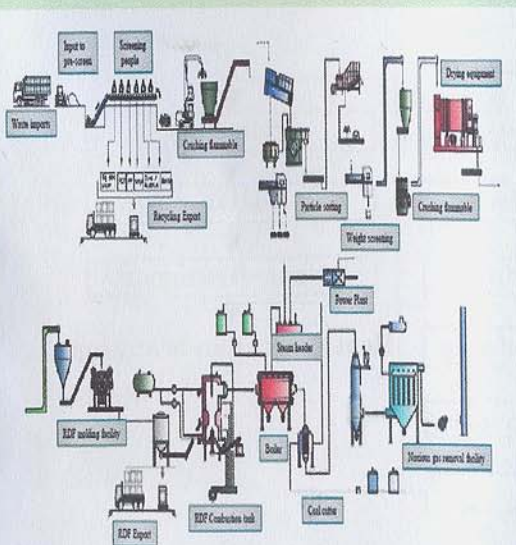


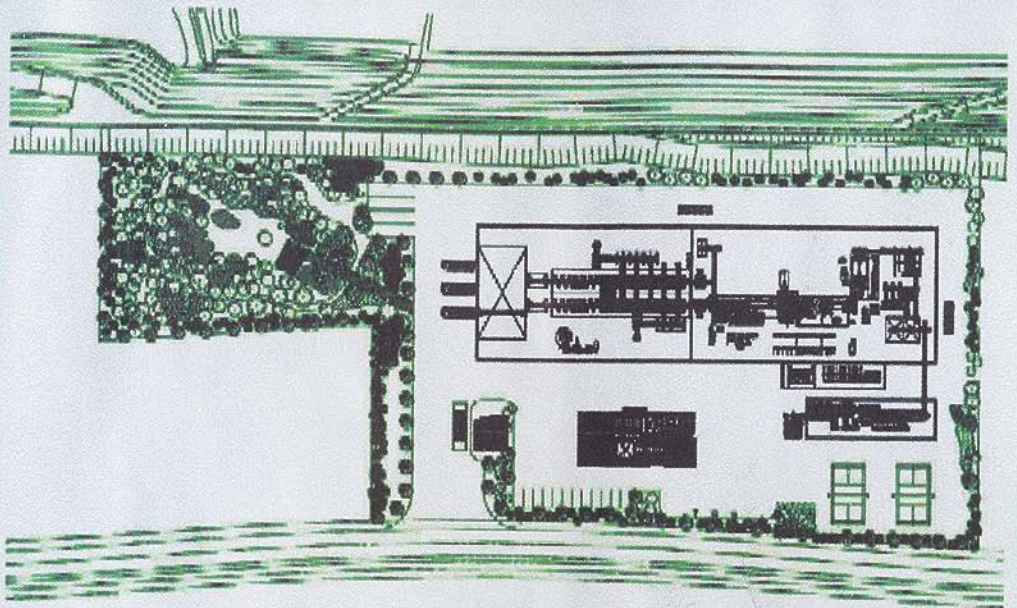
PACIFICTECH PHILS.



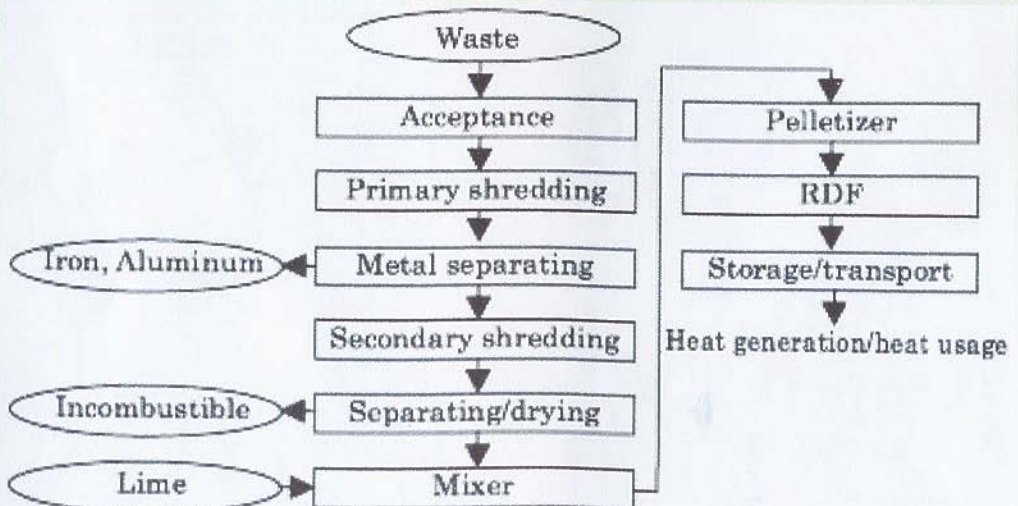
FUEL FROM THE GARBAGE



RDF PLANT LAYOUT

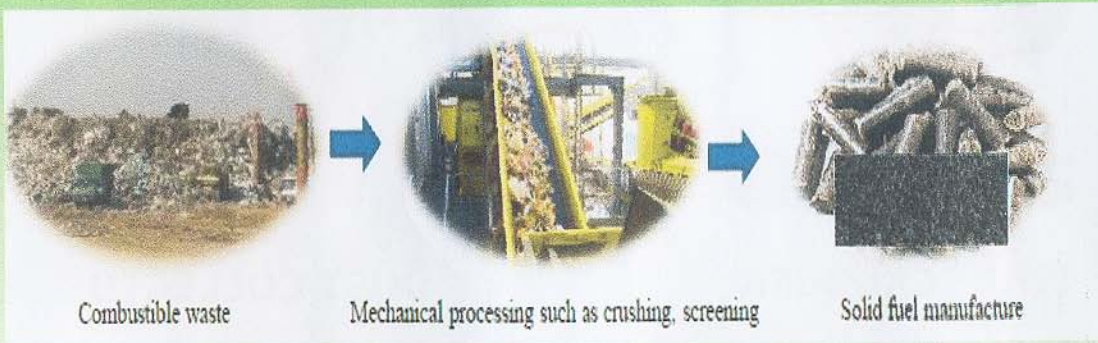


RDF MANUFACTURING FLOW

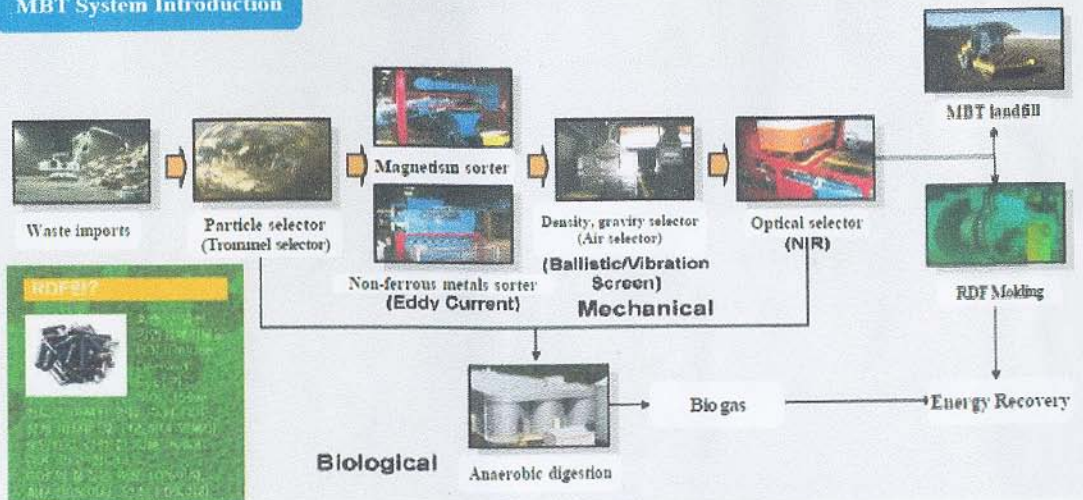


RDF - is produced from Municipal Solid Waste (MSW) through a number of processes to meet requirements for particle size, moisture content and non-combustible content dictated by the thermal unit that will receive the RDF. At its simplest, MSW is shredded to a maximum particle size to produce RDF. More often, additional steps are taken to remove non-combustible materials and control the particle size. Removing non-combustible metals and glass from the waste stream improves the RDF by increasing heating value and reducing the amount of ash produced.

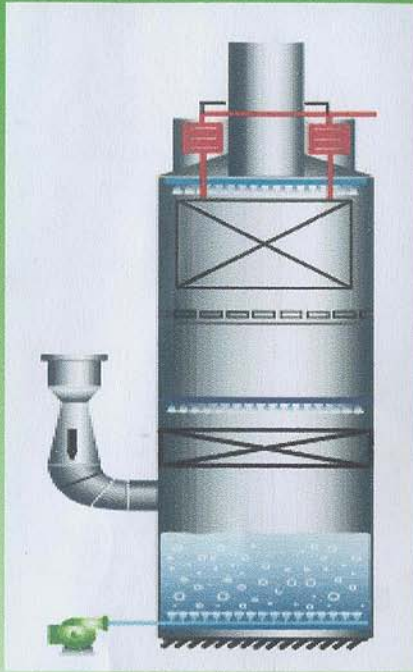
MSW is processed there through shredding, magnetic separation, air classification, and screening and eddy-current separation for both fuel preparation and materials recovery.



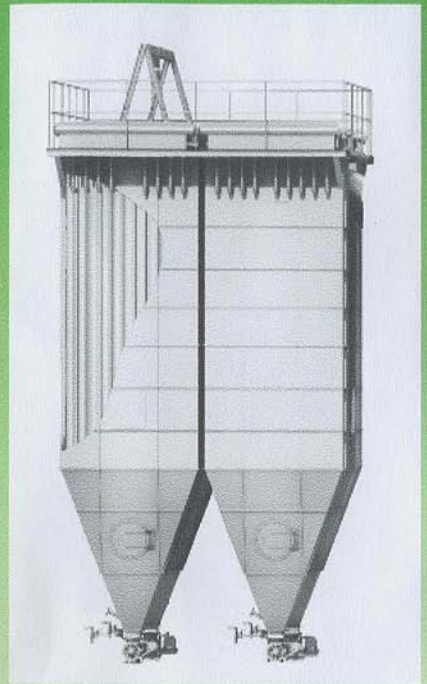
MBT System Introduction



AIR POLLUTION CONTROL MACHINE



WET SCRUBBER



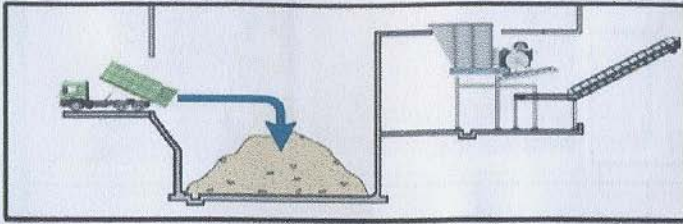
DUST COLLECTOR



CYCLONE

OVERVIEW OF THE TREATMENT SYSTEM

Import supply equipment



Import storage facilities



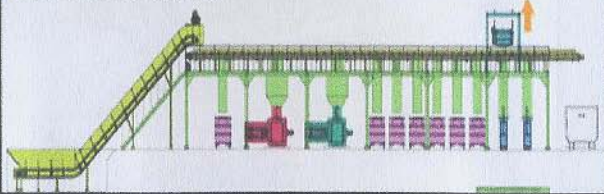
- 100ton/day
- Inappropriate waste pre-screening And quantitative supply

Vinyl bag Crushers



- Specifications : 2-axis rotary
- Capacity : 10ton/hour
- Quantity : 1
- Crushed material : 300mm Below

Screening Equipment



Sorting things



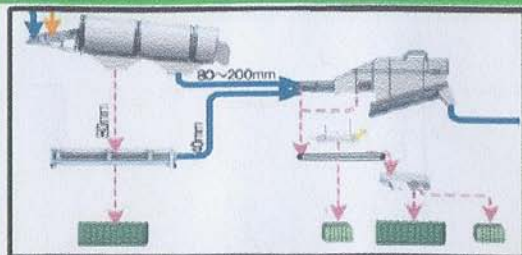
- 100ton/day
- Recycling screening
- Inadequate waste pre-screening

Recycling compression bonding device

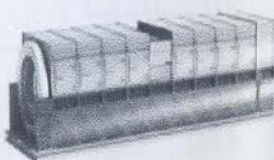


- 4-axis compression(3-axis compression)
- Hydraulic(Variable hydraulic piston pump)

Particle size and Weight Screening



Particle screening device
(Trommel screen)



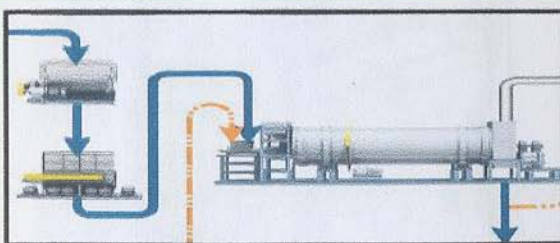
- Specifications : Type rotating drum
- Capacity : 15ton/hour
- Quantity : 1
- Particle size selection : 100~300mm

Weight screening equipmet
(Wind selector)

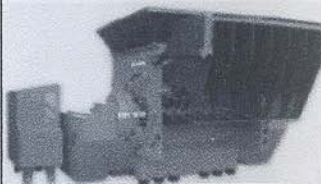


- Specifications : Detachable airflow
- Capacity : 13ton/hour
- Quantity : 1

Drying Equipment



Flammable shredder



- Specifications : 1-axis rotary
- Capacity : 5ton/hour
- Quantity : 2
- Crushed material : 50mm below

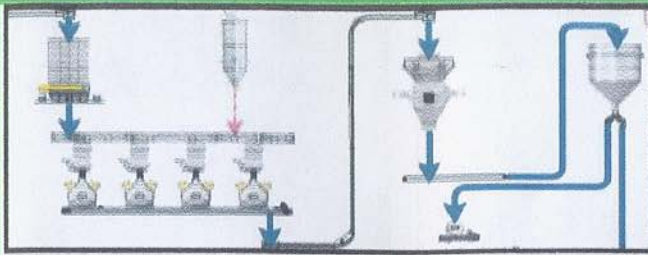
Drying equipment



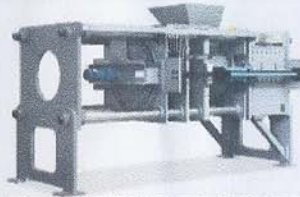
건조기

- Specifications : Rotating drum type, Hot air type
- Capacity : 10ton/hour
- Quantity : 1
- The rate of water : 10% below

RDF Molding Machine

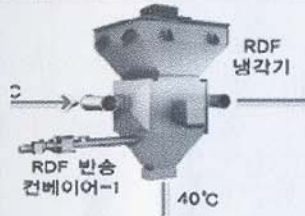


RDF Molding Machine



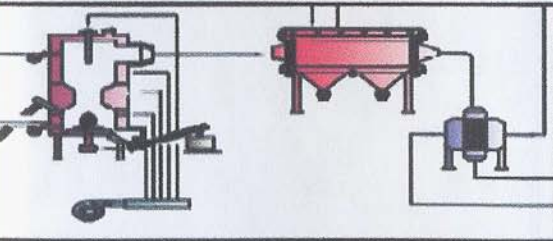
- Specifications : Ring dice
- Capacity : 2ton/hour
- Quantity : 6

RDF Cooler



- Specifications : Air type
- Capacity : 9.5ton/hour
- Quantity : 1

RDF Boiler



Only burning tank



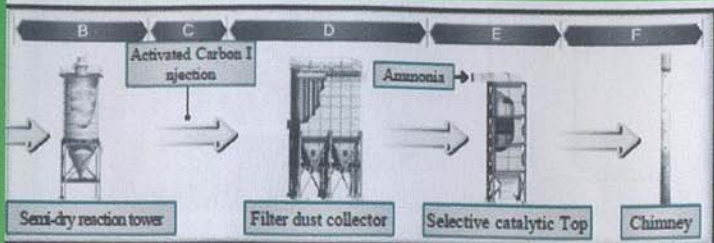
- Specifications : Lattice-type circular rotation
- Capacity : 1ton/hour
- Quantity : 1

Waste heat recovery boilers



- Specifications : Water tube
- Capacity : 5ton/hour
- Quantity : 1

Combustion Gas Treatment

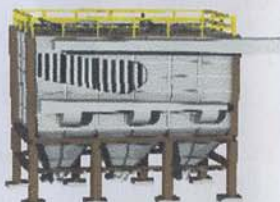


Semi-dry reaction tower



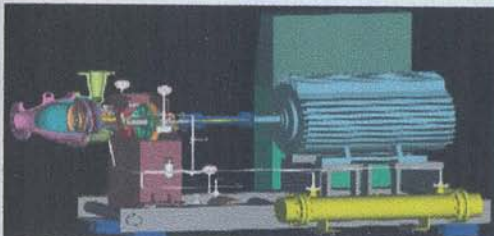
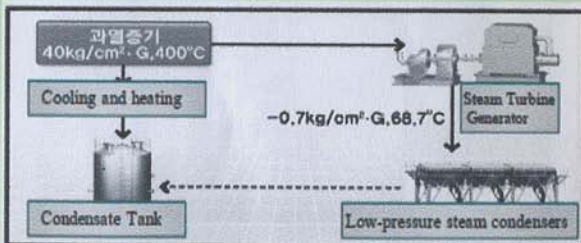
- Specifications : Lattice-type circular rotation
- Capacity : 1ton/hour
- Quantity : 1

Suction filtration facilities



- Specifications : Water tube
- Capacity : 5ton/hour
- Quantity : 1

Turbine Power Plant Equipment



Energy Recovery Generators



- Specifications : Lattice-type circular rotation
- Capacity : 1ton/hour
- Quantity : 1

Low-pressure steam condensers



- Specifications : Water Tube
- Capacity : 5ton/hour
- Quantity : 1

PRIMARY PRODUCT



BOILER



RDF MACHINE



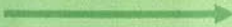
Combustible Waste



FOOD WASTES PROCESS PRODUCTS



Dead Meat Waste



Mixed food waste



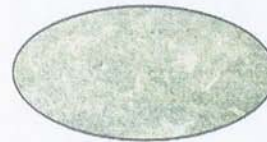
Chicken bone



Spoiled eggs



Seaweed and fish waste



WASTE TO ENERGY TECHNOLOGY



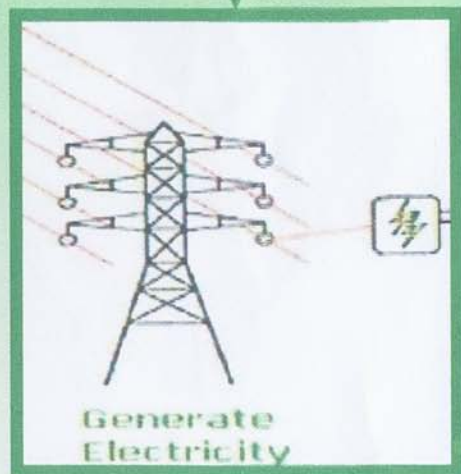
GARBAGE



BOILER

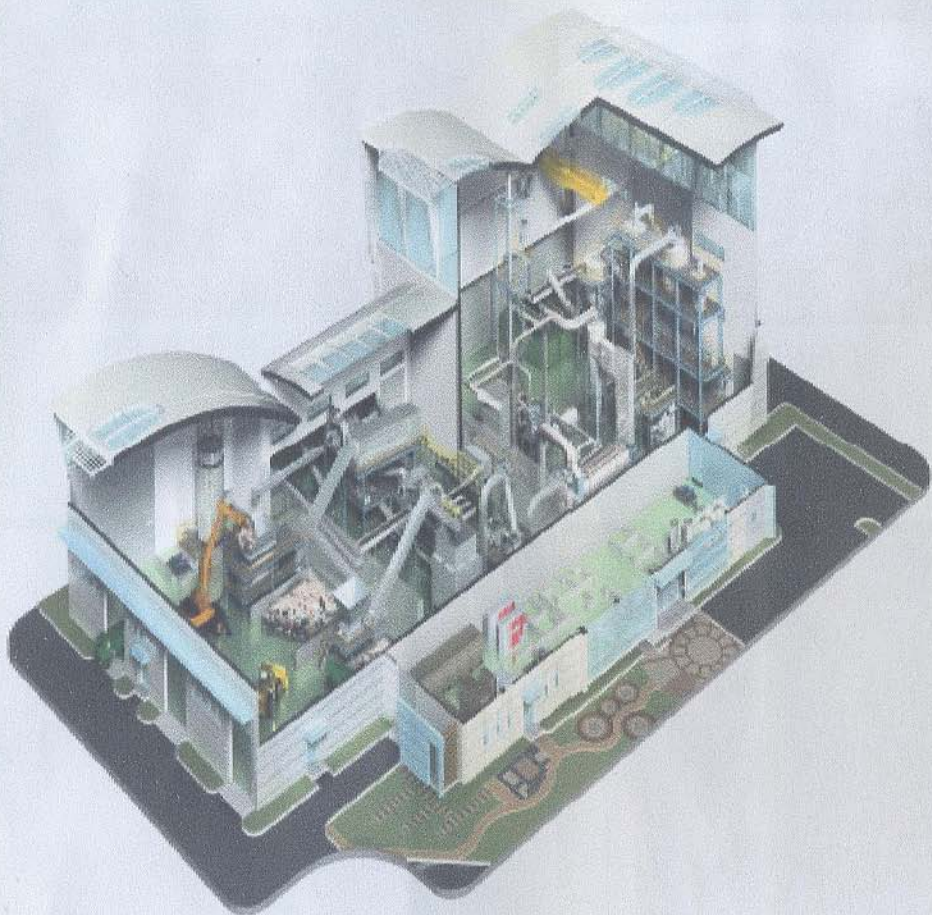


RDF



Generate Electricity

Waste throughput	100 ton/day
RDF production	35-40 ton/day
RDF Heat Boiler	24 ton/day
Energy Recovery Turbine	350-400 kw/hr



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