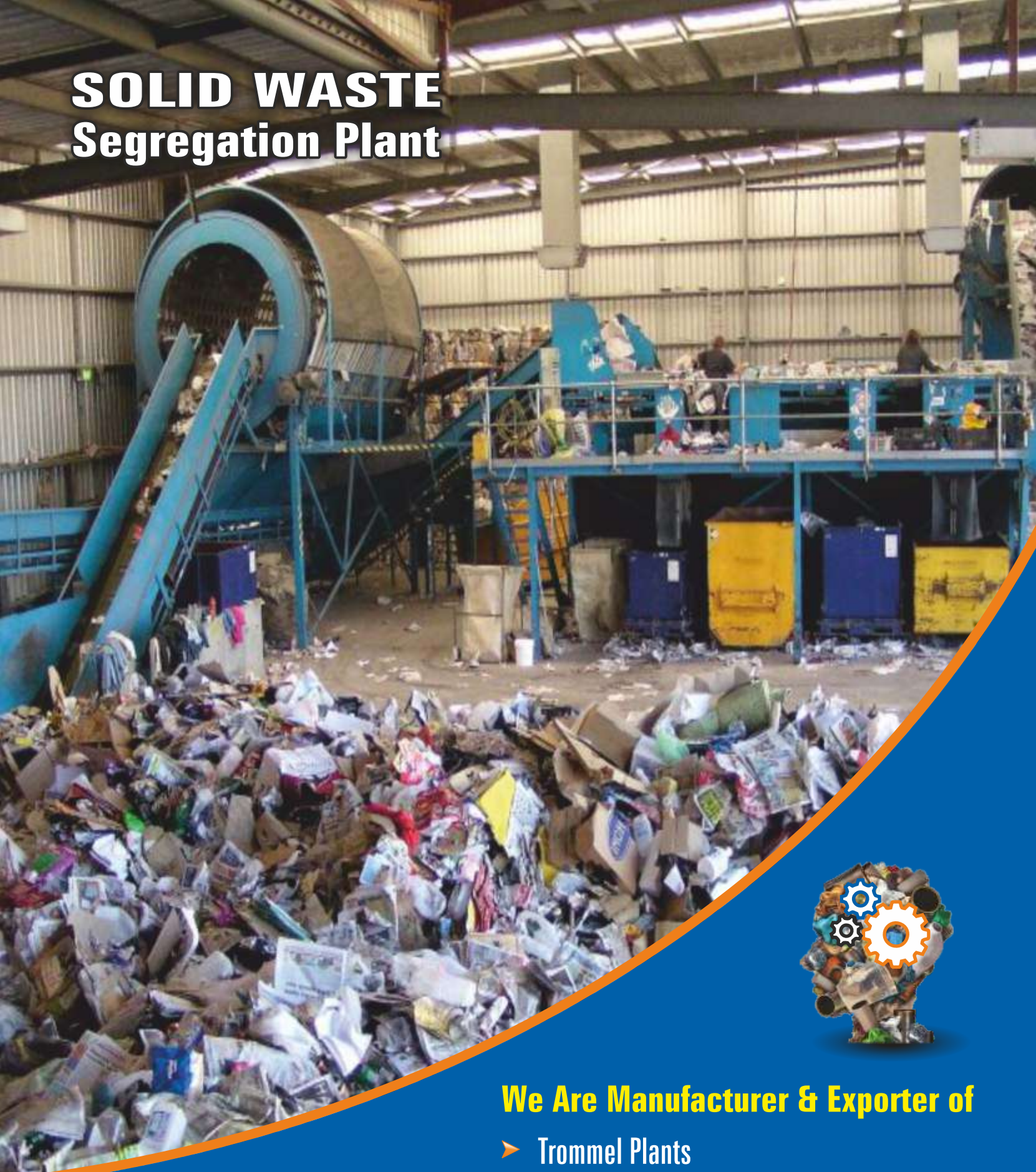


SOLID WASTE Segregation Plant



We Are Manufacturer & Exporter of

- Trommel Plants
- MSW Waste Segregation Plants
- Sand Washing Machines
- Sand Screening Plants
- Mobile Sand Washing Machines
- Screw Classifiers
- Spiral Classifier and Screening Plants etc...



CONVOTECH
Engineering LLP
Simplifying Engineering...

About us



CONVOTECH ENGINEERING LLP OVERVIEW

Convotech Engineering LLP is a leading manufacturer, exporter and supplier company in India. We manufacture Solid Waste Segregation Plants & Dailly/Wet Waste Segregation for compost and RDF. Convotech Waste Segregation Machines like Trommels, Baler machine & shredder machin occupying different size & capacity categories to make sure that no operation is difficult to tackle.

- Convotech baling machines use less space but more utility
- Quality of hydraulic much superior
- Qur machine plates thickness & support is superior
- The doors are kept in front & back so that packing is done evenly in shape
- There is a "tie" that enables us to place the bel directly on the trolley to carry
- Qur machine is well protected with safety as we use hoppers

CONVOTECH VISION



Convotech will challenge existing Solid Waste Management and Waste Segregation Plants for compost & RDF by designing and delivering innovative state-of-the-art. Convotech will complement the search for renewable energy in developing countries and revolutionize both waste energy solutions and the way they are delivered.

CONVOTECH MISSION



Convotech will enhance the economic, environmental and social well-being of developing countries by providing MSW solutions and services to the best of our ability. Our solutions reduce MSW related challenges and provide equal sustainable growth to the energy sector, Solid Waste Management companies, investors and the local population.



MUNICIPAL SOLID WASTE SEGREGATION PLANTS



Municipal solid waste segregation Plant is an essential part of waste management for every city. An effectively operated MSW plant offers the following advantages: Up to 95% of the city's solid waste is reused and recycled. This marginally reduces the landfill area and the odor around landfill dumping sites only stones go to the dumping yard.

We provide heavy duty Trommels screens with customized drum openings to suit the customer's needs, to enable effective management of material. The Trommels manufactured can be used in a range of settings, whether it be cleaning or simply screening & sizing. Our Trommel Screen are used in all types of waste legacy/daily or wet waste.

ADVANTAGES OF CONVOTECH TROMMEL MACHINES :



- Proficient in both wet and dry applications.
- Trommel consists of concentric end sections & beam design with bolt-on screen plates.
- Perfectly concentric, eliminating vibration or wobble.
- Cylindrical drum driven by chain & sprocket drive.
- Available in a variety of diameters & lengths.

LEGACY WASTE SEGREGATION PLANTS



Convotech Engineering LLP manufactures scientifically designed Legacy Waste Segregation Plant. Legacy Waste Segregation Plant effectively segregates solid waste and compost based on properties of particle size and density.

Our range of Legacy Waste Segregation Plant for the transport of bulk materials or sorted materials. Strong design and easy to maintain. All parts are bolted and interchangeable.

The conveyor belts are provided as per customization of any plants.

FEATURES & ADVANTAGES :



- **Modular and robust design**
- **Easy to operate and almost maintenance free**
- **Aftersales support and spare supply**

DAILY WASTE SEGREGATION PLANTS



Convotech Engineering LLP has decades of experience in establishing a municipal solid waste management system and our group has established a number of such plants across India.

We manufacture a variety of tools used in the proper segregation of mixed municipal solid waste. We intend to provide our customer with a final settlement from the settlement to the implementation of the Municipal Solid Waste Processing Project.

FEATURES & ADVANTAGES :



- Capacity ranging from 30 TPD to 1500 TPD.
- Concept: Integrated Municipal Solid Waste Management.
- Primary Technology: Segregation of Recyclables
- Equipment Used. Trommel, Air Density Separator, Magnetic Separator, Bulk density Separator etc.

C&D WASTE SEGREGATION PLANT



Our advanced C&D waste processing systems help you convert this waste into recycled sand and aggregation that has a range of uses in various construction applications.

FEATURES & ADVANTAGES :



- Maximize the recycling of construction, demolition and excavation waste
- Maximize the production of high quality, high value recycled waste and aggregates which can be used as a replacement for natural materials in a range of segregation applications including recycling, reducing, and reuse waste production.
- Protecting waste and aggregate supply in areas where natural reserves are in decline.
- Minimizing transport costs for waste and aggregates — recycled materials are typically produced closer to urban centers.
- Reduce the carbon footprint of your processing operation by producing recycled and aggregates closer to market.

TROMMEL SCREEN



The Goal of **Convotech Engineering LLP** is to help you convert this waste into recycled waste and aggregation which has a range of uses in various construction applications. **Convotech Engineering LLP** manufacturer scientifically designed Trommel Screen. Trommel Screen effectively composts based on properties of particle size and density.

Trommel mainly consists of motor, reducer, drum units, racks, etc. The inclination of drum equipment, the motor is connected by reducer & the drum unit, the driven drum rotate around its axis. When the materials go into the drum unit, due to the inclination and the rotation of the drum unit, it makes qualified materials come out by the outer screen; substandard materials come out by the end of the rotary screen.

The unit has a feed hopper that feeds the trommel drum, at all variable speeds; it falls on a fine stockpile conveyor. The oversize conveyor is optional and can be mounted on the existing chassis the unit is powered by **Convotech Engineering LLP**.

BAG OPENER



Convotech Engineering LLP Manufacturing Bag Opener Makes All Types of Waste and Recycle As per Client's Needs.

The Convotech Engineering's bag opener opens plastic bags and transfers the metered material to subsequent sorting and preparation plants. Convotech Engineering LLP is available as a standard model and is equipped with a charging hopper. The hopper is provided batch wise by the front loader.

This bag opener is specifically designed for recycling systems and features. It can open bags with 94% efficiency. It uses a patented bag opening method without any rotating shaft to open the bags found in single-stream / co-mingled, MSW and waste paper. It also has a built-in storage bunker that automatically feeds the recyclable material towards the bag opening method. The storage bunker is low profile for easy loading and can be in sizes with a capacity of 25 to 60 cubic yards.

MAGNETIC SEPARATOR PLANTS



Large materials from the first screening are sent to the wind separator where lightweight materials, such as plastic, are blown away, such as cloth, fall in the middle and heavy, such as metal, glass and stone, fall immediately. The heaviest fractions are sent with a conveyor and the metals are separated by a magnetic separator.

Solid waste permanent shaft magnetic separator Separate the magnetic material from the moving objects.

Widely used in conveyor belts of environmental protection, resource recycling and paper industry.

FEATURES & ADVANTAGES :



- Applies computer simulation techniques, high magnetic force, large force and suction.
- High-performance content, high magnetic energy production, good resistance to demagnetize, demagnetize less than 5% in 8 years.
- Self-unloading magnetic material, easy operation, runs continuously without any trouble for along time.
- The belt conveyor can be connected to the control parts due to manual control and central control.

BALLISTIC SEPARATOR PLANTS



Ballistic separators are suitable for sorting municipal waste machines designed to sort bio-degradable and non-bio-degradable solid waste. This is sorted into RDF, clay and raw materials for compost.

The equipment is specifically designed to facilitate cleaning and maintenance and is provided with a variety of devices that make the interior of ballistic ergonomics as comfortable as possible

FEATURES & ADVANTAGES :



- Pedals are made from steel for long service the design of the Life of Minimal Waresystem creates a constant sort, quality over the life of the machine. Economical crankshaft design with rigid easily replaceable bearings simplifies service and maintenance. Low overall height with aslight operating angle of 13to 15 degrees.

Hydrolic Baling Press Machine/Shredder



PIONEERS IN THE INDUSTRY, WE OFFER :

- Baling Press Machine for Pet Bottle
- Waste Cotton Baling Machine
- Pet Bottle Baling Machine
- Double Action Scrap Baling Press Auto Door
- Triple Action Scrap Baling Press Jumbo

Shredder

- Waste Shredder
- Twin Shaft Shredding Machine
- Organic Waste Shredding Machine
- Small Metal Shredder Machine
- Plastic Shredder





CONVOTECH
Engineering LLP
Simplifying Engineering...

Contact :

Managing Director

+91-98246 85388

Business Development Manager

+91-98792 44988

Plot No. 14, ODE Industrial Estate,
Near Pirana Gate, SP Ring Road,
Indian Oil Petrol Pump,
Ahmedabad - 382427, Gujarat, India.

www.convotechengg.com

support@convotechengg.co

