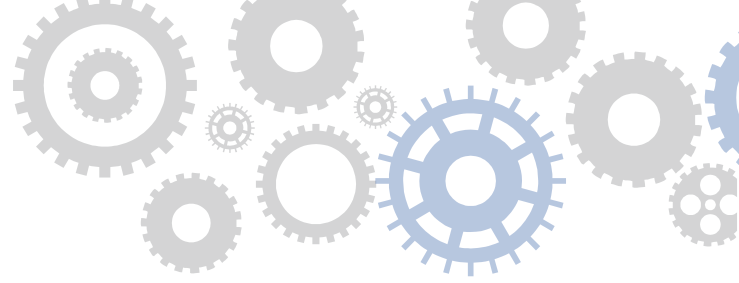




**MECHANIZER**  
**ENGINEERING & TECHNOLOGY**  
*Perfect Machinery Assembler*



**MECHANIZER ENGINEERING & TECHNOLOGY**



## ABOUT US

**MECHANIZER ENGINEERING & TECHNOLOGY** was established in 2016 with the aim of manufacture of various types of Mixer & Blender machine, Dryers, Mixing vessels, Granulators and Material handling equipment. Our focus and development technique to build enduring relationships with various industries such as Pharmaceuticals Industry, Food Industries, Textile Industry, Chemical Industry, Dye Industries, Construction Chemical, Plastic manufacturing industry, Dairy Industry etc.

**MECHANIZER ENGINEERING & TECHNOLOGY** is a leading creator, developer and integrator of energy efficient machines with renewal solutions in support of economic and environmental sustainability. We are committed to helping our valuable clients find engineering solutions that deliver immediate and long term bottom line result.

We provide technical details in all department from inquiry to installation. Our individual department executive will visit your site prior for the site survey and for successful installation of machine. We also provide necessary training of your plant head and other work force.

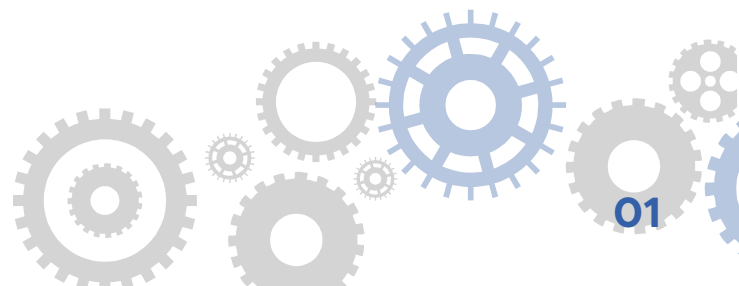
Our staff includes mechanical designers, mechanical engineers, technicians and business administrators with facility assessment and asset sustainability. Our professionals are technically sound and experienced to bring the best solution to your challenge.

We also manufacture customized and tailor-made machines and plant as per client need. We have great ability to develop customized plant based on specification. All machine is manufactured at our production unit with ultramodern infrastructure facility under the strict supervision of experienced professionals who make use of optimum quality raw material. Moreover, in order to meet diverse need of patrons, we offer these machine in standard dimensions and specifications. Owing to the features like sturdy construction and resistance against rust and corrosion, these machines are widely in the market.

Our mission is to satisfy our clients with the best quality innovative machines that have functional values and are cost effective.



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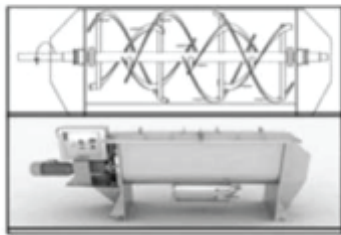


## BLENDERS AND MIXERS

Blender and mixer are a very important equipment in various industries, as a product is manufactured by Mixing a number of Raw materials. This mixing is required to be undertaken in dry or wet state depending upon the chemical composition and reaction allowed. Three are various types of Blenders available in the industries and each one of having its own purpose. Some of them are mentioned below.

- RIBBON BLENDER
- SIGMA MIXER
- OCTAGONAL BLENDER
- MASS MIXER / PEDDLE MIXER / T-BLADE MIXER
- DOUBLE CONE BLENDER
- V CONE BLENDER
- DRUM MIXER
- PASTE KETTLE

Ribbon Blender



RIBBON BLENDER



SIGMA MIXER



MASS MIXER / PEDDLE MIXER  
/ T-BLADE MIXER



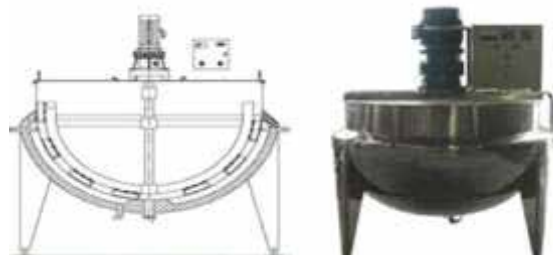
OCTAGONAL BLENDER



DOUBLE CONE BLENDER



V CONE BLENDER



PASTE KETTLE

## INDUSTRIAL DRYER

Industrial dryers are used to efficiently process large quantities of bulk materials that need reduced moisture levels. Depending on the amount and the makeup of material needing to be dried, industrial dryers come in many different models constructed specifically for the type and quantity of material to be processed. Various factors are considered in determining the correct type of dryer for any given application, including the material to be dried, drying process requirements, production requirements, final product quality requirements and available facility space. Types of Dryers are mentioned below.

- ROTARY DRYER
- TRAY DRYER
- FLUIDIZED BED DRYER (FBD)
- VACCUME DRYER
- SPRAY DRYER
- AUTOCLAVE



FLUIDIZED BED DRYER (FBD)



TRAY DRYER



Auto Clave



ROTARY DRYER

## MIXING VESSEL

A Mixing Vessel is an enclosed volume in which a chemical reaction takes place. It is generally understood to be a process vessel used to carry out a chemical reaction. The design of a chemical reactor deals with multiple aspects of chemical engineering. Chemical engineering design reactors to maximize net present value for the given reaction. Designers ensure that the reaction proceeds with the highest efficiency towards the desired output product, producing the highest yield of product while requiring the least amount of money to purchase and operate.

- MIXING VESSEL
- REACTOR VESSEL
- SYRUP MIXING VESSEL
- CHEMICAL REACTOR
- MATERIAL HOLDING TANK



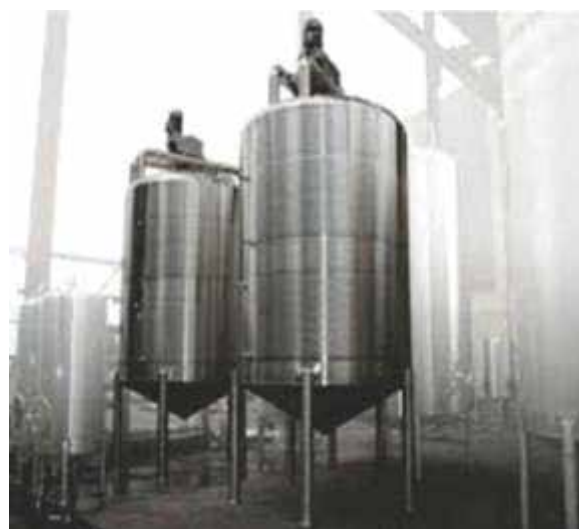
MIXING VESSEL



Material Holding Tank



SYRUP MIXING VESSEL



CHEMICAL REACTOR

## GRANULATORS

Granulation is the process of forming grains or granules from a powdery or solid substance, producing a granular material. It is applied in several technological processes in the chemical and pharmaceutical industries. Typically, granulation involves agglomeration of fine particles into larger granules, typically of size range between 0.2 and 0.4 mm depending on their subsequent use. Less commonly, it involves shredding or grinding solid material into finer granules or pellets. Granulation is carried out by various granulators which are mentioned below.

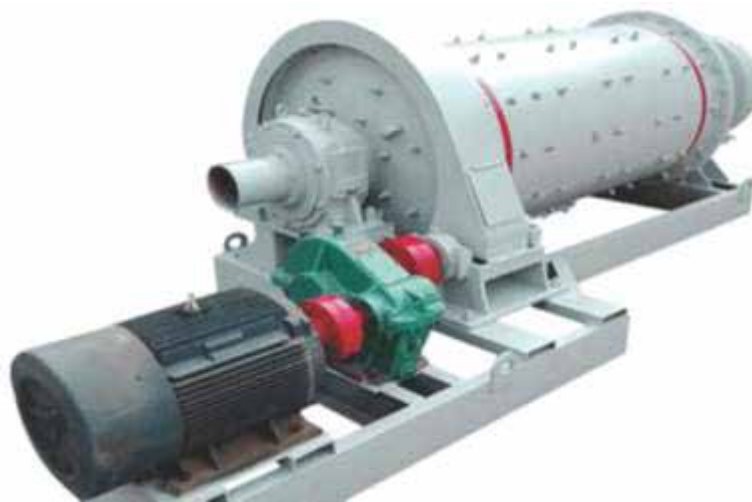
- OSCILLATING GRANULATOR
- RAPID MIXER GRANULATOR (RMG)
- BALL MILL



OSCILLATING GRANULATOR



RAPID MIXER GRANULATOR (RMG)

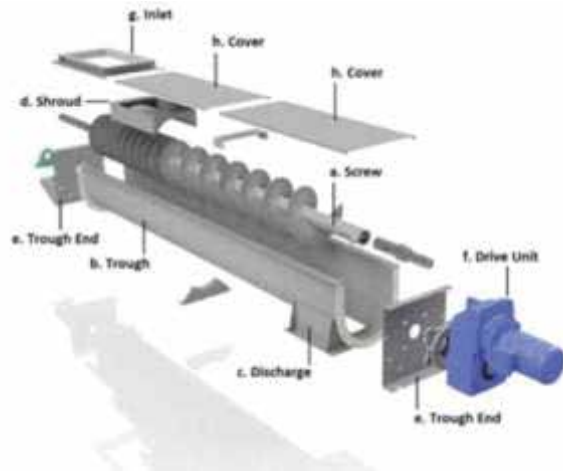


BALL MILL

## MATERIAL HANDLING SYSTEM

Material Handling involves short-distance movement within the confines of a building or between a building and a transportation vehicle. It uses a wide range of manual, Semi-automated, and automated equipment and includes consideration of the protection, storage, and control of materials throughout their manufacturing, warehousing, distribution, consumption, and disposal. Material handling can be used to create time and place utility through the handling, storage and control of material, as distinct from manufacturing, which creates from utility by changing the shape, from and makeup of material.

- SCREW CONVEYOR
- BELT CONVEYOR
- PNEUMATIC CONVEYING SYSTEM
- BUCKET ELEVATOR



SCREW CONVEYOR



BELT CONVEYOR



BUCKET ELEVATOR


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