



Swaraj

Herbal Plants Pvt. Ltd.

AN ISO 9001-2015, cGMP CERTIFIED COMPANY



Engineering Services

Pharmaceuticals and Food Processing Industry

Company Profile



Contact us at:

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COMPANY PROFILE

We are delighted to introduce ourselves as one of the top manufacturer of distillation and extraction units for extracting oil from various plants including Rose, Lavender, Geranium, Ylang Ylang, Frankincense and others. Our product line comprises of Solvent Extraction Plants, Fractionating Columns, Reaction Vessels and all types of processing equipment connected to herbal extraction. We have around 40 years of experience in this demanding industry with an impeccable foundation and a wealth of practical knowledge. Our cutting-edge facility is outfitted with the most modern equipment including TIG & MIG welding, plasma cutting, a full tool room, rolling machines, overhead cranes and many others. Additionally, we have a group of highly skilled and experienced individuals who are dedicated to provide our clients with prompt and affordable solutions for all of their needs.

We are introducing our new range of Engineering Services for Pharmaceutical and Food Industry as follows :-

BLENDERS

Blenders are essential equipment for efficient and uniform mixing of powders, granules, and even pastes. Essentially used in Pharmaceuticals, Food Processing, Chemical & Cosmetics. Advantage of these blenders is that they are very efficient, versatile and scalable. We ensure our blender's design matches the material characteristics

Ribbon Blenders - Horizontal & Vertical

[Flushed and Non Flushed

Variants Available as per requirement]

Capacity offered :- 300L to 3000 Ltrs.

Rotocon Blenders

Capacity offered :- 300L to 1500 Ltrs.

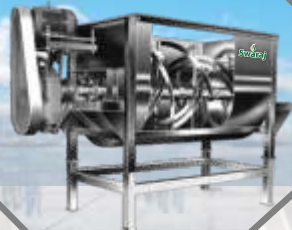
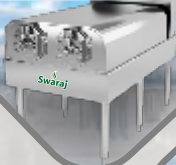
Paddle Blenders - Horizontal & Vertical

Capacity offered :- 300L to 3 KL

DRYERS

Dryers are a crucial component in various industries for removing moisture from materials. We have a wide range of dryers being used in various industries like Dairy, Pharmaceuticals, Food Processing, Chemical & Cosmetics etc. Each type of dryer has its own advantages and is suitable to different applications depending on the material properties and desired end product. We promise that our dryers meet the industry standards and set high benchmarks for the competition. Our range of dryers includes:-

- **Paddle Dryer**
Capacity offered :- 500L to 3000L
- **Pan Dryer**
Capacity offered :- 500L to 3000L
- **Rotocon Vacuum Dryer**
Capacity offered :- 500L to 1500L
- **Batch FBD (Fluidized Bed Dryer)**
Capacity offered :- 100L to 500L
- **Vacuum Tray Dryers**
Capacity offered :- 12 to 36 Trays
- **Tray Dryers**
Capacity offered :- 12 to 36 Trays
- **Agitated Nutsche Filter Dryer (ANFD)**
Capacity offered :- 300 Ltrs. to 2000 Ltrs.



Filters

Filters are indispensable components in various processes across many industries. Our filters are used to separate solids from liquids or gases, ensure purity, and protect equipment. We design our filters specifically as per Nature of the Material and ensure the best Operating Conditions for our prestigious clients. We try to provide best after sales and services for maintenance of our equipment.

Our range of filters includes:-

- Vacuum Nutsche Filter
- Pressure Nutsche Filter
- Agitated Nutsche Filter
- Other Cartridge Type filters as per requirement
- Centrifuge as per requirement

Customized Design based on customers requirement.

Evaporators

Evaporators are fascinating devices used to concentrate solutions by removing water or other solvents through evaporation. These have a wide range of applications across various industries, including food processing, pharmaceuticals, and chemicals. Tailoring evaporator's designs to the material properties and operating conditions demonstrates a deep commitment to quality and client satisfaction. Providing excellent after-sales and maintenance services is also crucial for long-term success and customer loyalty.

- **Reactor cum Kettle type Evaporator**
- **Single Effect Evaporator**
- **Multiple Effect Evaporator**

Batch Crystallizers

Batch crystallizers are widely used in the chemical industry for producing high-value fine products. They are particularly useful for small-scale operations and handling chemical systems that are highly viscous or toxic. Our customized batch type crystallizers are very suitable for a wide range of products, including pharmaceuticals, food additives and industrial chemicals. We have designed very precise control over temperature, concentration and other parameters to achieve the desired crystal size distribution, yield, form and purity.



Shell and Tube Heat Exchangers

Heat exchangers are crucial for efficient thermal management across various industries. They transfer heat between two or more fluids without mixing them. These are widely used in power plants, oil refineries, and chemical processing.

We offer a range of these types of heat exchangers having cooling surface are of 3 m² to 50m² or may be customised in any desired size.



Process Tanks

Process tanks are essential components in industrial operations for holding, mixing, and processing various materials. Our process tanks are used in the Food & Beverage, Pharmaceutical, Chemical Processing and Water Treatment Industry for Mixing, Storage, Reaction and so on. These are widely used in Food and Beverage, Pharmaceutical, Chemical Processing and other related industries. Process tanks are indeed versatile and indispensable in industrial operations.

** We offer customized capacities starting from 100 Ltrs. onwards...*

Solvent Recovery Unit

Our Solvent Recovery Units (SRUs) are essential for efficiently reclaiming solvents from waste streams, offering both economic and environmental benefits. Customized to handle specific solvent types and waste streams as per industry regulations and standards, such as GMP or FDA requirements.

** We offer customized size and designs as per customers requirement.*



Ointment Manufacturing Plant

An ointment manufacturing plant is a specialized facility designed to produce various types of ointments, creams, gels, and lotions. These plants are essential for the pharmaceutical and cosmetic industries. Our plant is designed to minimize manual handling and ensure consistent quality throughout the production process. They are equipped with control panels, vacuum pumps, and other accessories to maintain efficiency and hygiene standards.

**** We offer customized size and designs as per customers requirement.***



Auto Coater Machine

Our auto coater machine is a specialized equipment used primarily in the pharmaceutical industry to apply a coating to tablets or pellets.

The auto coater machine consists of a control system, a hot air filtering system, a coating pan, a solution tank, and an exhaust system.

Our coater machines are designed for ensuring uniform and consistent coating of pharmaceutical products, enhancing their stability, appearance, and controlled release properties.

**** We offer customized size and designs as per customers requirement.***





Rapid Mixer Granulator (RMG)

Our Rapid Mixer Granulator (RMG) is an essential equipment in the pharmaceutical industry, used for the wet granulation process of agitation and trembling. Process of our RMG involves Dry Mixing, Wet Mixing, Granulation etc.

The unit consist of bowl for mixing along with impeller , chopper and the very convenient discharge port.

We have designed it to produce uniform and dense granules quickly, making it an essential piece of equipment in pharmaceutical manufacturing.

** We offer customized size and designs as per customers requirement.*

Conveyors

Manual Flat Belt Conveyor
S.S. Wire-mesh Conveyor Belt

A flat belt conveyor is a simple and efficient piece of equipment used to transport materials from one point to another.

We Also Deal In Following Machineries :-

Automatic Control Mayonnaise Production Line, Tomato and Chilli Sauce Plant , Tube Filling Machines , Liquid Bottle Filling Machines , Line Conveyors , Bottle Shrink Machines , Web Seller Heaters