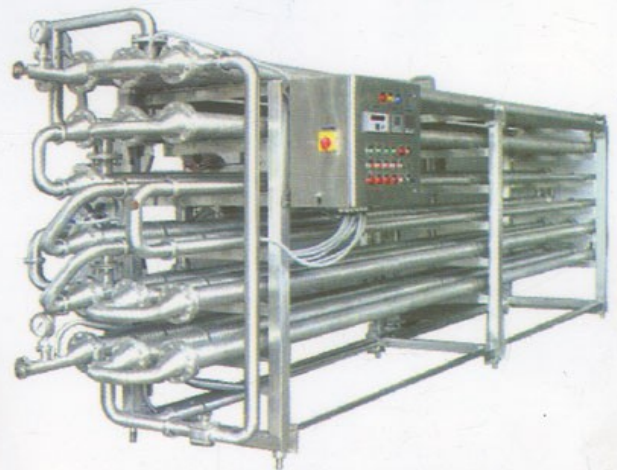
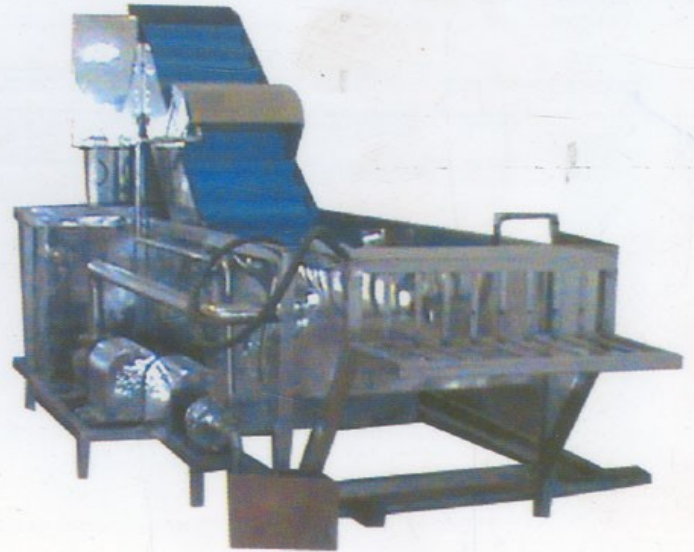
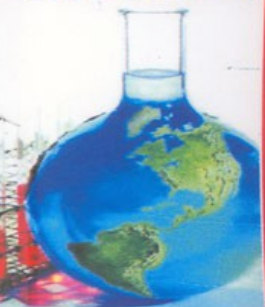




D-MARK ENGINEERS

The Mark of Excellence



Mfrs. of :

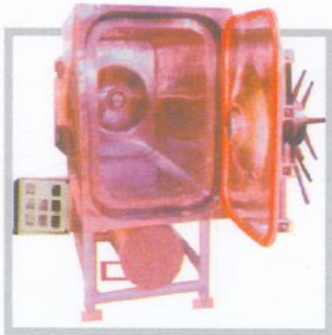
- Vegetable/ Fruit Washer
- Pulper (Single/Double/Three Stage)
- Blancher •Vacuum Concentrator
- De-Aerator •Pasteurizer •Homogeniser
- Mfg. Kettle •Colloid Mill •Fruit Mill
- Elevators/ Screw Conveyors
- Vacuum Filler/ Sealing Machine
- Filters •Mfg. Tanks/ Vessel up 50000 lts.
- All Type of Blanders

Your faith our growth Your smile our reward Your growth our award



D-Mark Engineers leaves an indelible mark of excellence in the manufacturing of industrial machinery that are technically advanced, efficient and highly resistive to corrosion and competitive . A fast growing company, D-Mark Engineers is a known name as a manufacturer and supplier of all types of Industrial Machines and the products that we offer consists of Vegetable/ Fruit Washer Pulper (Single/Double/Three Stage) Blancher Vacuum Concentrator De-Aerator Pasteurizers Homogenizers Mfg. Kettles Colloid Mills Fruit Mills Elevators/ Screw Conveyors Vacuum Filling / Sealing Machine Sparkle Filter Mfg. Tanks/ Vessel up to 50000 lts. All Type of Blanders, Auto Clave, Multi Mills, Vibro Sifters, Mass Mixers, Planetary Mixers, Packing Conveyors, Double Cone Blander, Fluid Bed Dryers, Rapid Mixer Granulators, Multi Column Distillation Units and Automatic Liquid/ Syrup Mfg System.

Within a short span we have tasted success owing to the untiring efforts and contributions of our dexterous engineers, technicians and several other professionals. At present we have made a mark in the field of Food, Pharma, Agro, Chemical, Dairy, Cosmetics and Allied Industries in all over India.



Auto Clave

Technical Specifications:-

- Specially designed chamber to ensure complete condensate removal.
- Specially designed connector/nozzles sanitary type to avoid any chances of contamination.
- Special welding technique to avoid welding depressions inside the chamber.
- Excellent chamber finish with crevice free construction to avoid chances of contamination.
- Uniform distribution of steam to achieve uniform temperature + 0.5 degree Celsius
- Sterile air filter (0.01micron) for vacuum break is provided on sterile side.
- Automatic control panel.



Rapid Mixer Granulator

We design high quality machinery called Rapid Mixer Granulator to achieve higher productivity through better mixing of materials and production of granules. Used in various pharmaceutical, food, and chemical industries, our machinery lead to the reduction of cost due to high speed of mixing and granulation, which assist in further speedy processes. They are often used for dry and wet mixing and wet granulation.



Colloid Mill

A Colloid Mill is a machine which is used to reduce the particles of a solid when suspended in a liquid, or reduce the drop size of a liquid when it is suspended in another liquid. It is often used to increase the stability of suspension and emulsion of the particles of solid or liquid materials. Our Colloid Mill is made up of high class material and is widely used in pharmaceutical/ Food/ Cosmetic industry for homogenizing and grinding ointments, creams etc.

Technical Specifications:-

- STD and GMP models are available
- Working Pressure: Up to 150 Psi
- Recirculating system provided
- Jacketed for cold and hot water (Optional)
- Cap. 120-1200 Kg. /hr.



Starch Paste Kettles

Steam jacketed type with bottom hemisphere. Both paddle and anchor type stirrer assembly can be provided if required. Kettle are provided with all instruments like pressure gauge, temperature gauge, air vent and suitable standard make steam and condensate arrangement. Utmost care has been taken to manufacture the equipment which is hydraulically tested up to 12 Kg / sq. cm pressure. Capacity ranging from 150 Ltrs upto 2500 Ltrs can be provided. With option of Electric / Steam / Thermic fluid heating.

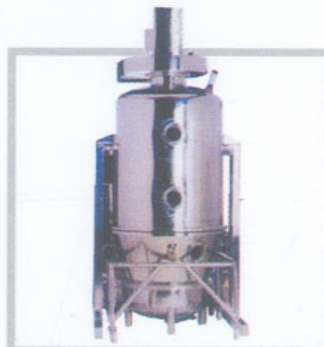


Filter Press

High tech Filter Press are offered by us, made from high quality material and fittings. A standard filter press comes with a variety of fittings like pressure gauge bypass, sampler, inlet, outlet, pump, safety valve and SS- Trolley. Our machinery finds broad application in many industries including: chemicals, Food, Pharma, Distilleries, Paints and others.

Technical Specifications:-

- Pressure for operation: 3 kg/ cm2
- Operating Temperature: 40-200 C (depending on filter media)
- Available in geared and centrifugal pump variants
- Number of plates: 6-36
- Jacketed Models (Optional)



Fluid Bed Dryer

We offer technically superb and advance Fluid Bed dryer for pharmaceutical, food, chemical and other industries. These machines are used for drying the composed mixture used in manufacturing of different products. These are made of high quality material like steel etc. Some of its features include: Fast drying capacity Electric / Steam / Thermic fluid heated operation Designed to make it explosion proof Automated operation and control Drying temperature is less.

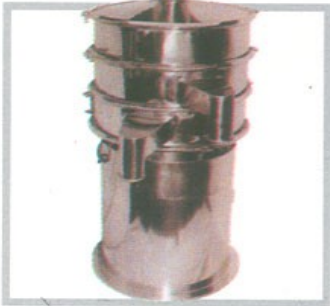
Technical Specifications:-

- Available in 15kg to 500kg batch capacity
- Pneumatic device for lifting product container
- Electric control panel provided
- Contact parts are made of SS 304/SS 316 material standards
- Available with an optional PLC operation
- Also available in full GMP mode.



Distillations

The Kettle is filled with liquid mixture and heated. Vapors flow upward in the rectifying column and condenses at the top. Usually, the entire condensate is initially returned to the column as reflux. This contacting of vapor and liquid considerably improves the separation. Generally, this step is named start-up. After some time, a part of the overhead condensate is with drawn continuously as distillate and it is accumulated in the receivers and the other part is recycled in to the column as reflux. Owing to the differing vapor pressure of the distillate, there will be a change in the overhead distillation with time, as early on in the batch distillation the components with a lower vapor pressure will be evaporated first. Available for 100Ltrs – 10000Ltrs. Batch Size with Heat Exchanger & Vacuum System (Optional)



Vibro Sifter

We manufacture a high grade Vibro Sifter for use in many industries like pharmaceutical, chemical, food processing and other allied industries. These are widely used for separating solid particles from solids, liquids particles from solids etc. These are specially used for processing of a large quantity of material.

Technical Specifications:-

- All contact parts and screen made of stainless steel
- Compact in design
- Less energy consuming
- Fitted with TEFC motor
- Easy dismantling and cleaning facility
- Range of screen- 4 to 300 mesh



Homogenizer

Technical Specifications:-

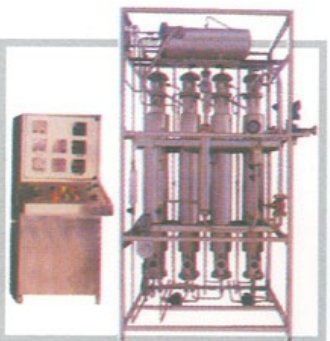
- Three Piston homogenizing system.
- Double stage operation.
- Piston Head, Valves of SS 316.
- Other contact parts of SS 304.
- Capacity 100Ltrs – 3000ltrs /hr
- Main frame MS body clad with SS 304 sheet
- Particles up to 2 micron size.
- Operating pressure 1500 - 3500 PSI.
- Control Panel provided.



Multi Mill

Our team of technical experts produce a Multi Mill of superior quality these are vastly applied for Pulverization, Shredding and Granulation in Pharmaceutical, Food, Chemical and allied industries. Our machinery is available in Standard and Lab models. This machinery can be customized according to the clients' demands. Some of its unique Features are:-

- Easy in operation
- Easy in dismantling and cleaning
- Efficient continuous operation

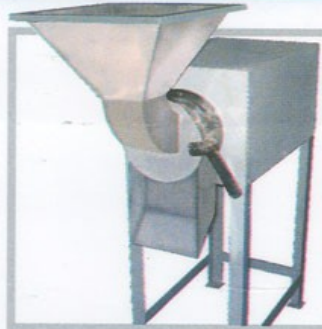


Multi Column Distillation Unit

We present Multi Column Distillation Unit to our clients. These machines are used in many industries like chemical, pharmaceutical industries for distillation of injection fluids and also food and many other allied industries. These machinery are constructed from high quality material to ensure efficiency and accuracy.

It consists of the following main parts:-

Tubular Stand Control Panel Cooler Heat Exchangers Water Cooling Pump Water Feeder Surge Tank Multistage pump Header boiler (Optional)



Fruit Mill

We are manufacturer of fruit mill crusher enabled with sturdy fixture mounted on MS / SS Stand. The product is used for crushing hard seedless fruits for pulping or juice extraction. The material is feeded into a hopper which is then crushed by SS starter against the SS blades driven by a powerful motor. All the parts of the fruit mill crusher are made up of food grade stainless steel.

Technical Specifications:-

Available size- 300Kg- 1 Ton
Ideal for crushing hard seedless Fruits



Pulper / Finisher

Suitable for extraction of juice and pulp from fruits. Both fruit pulper and finisher are mounted one above the other for twin model. The fruit pulper is provided with suitable perforated screen according to / the fruits to be processed. The Screen is easily replaceable with no vibration.

Technical Specifications:-

- Capacity ranging from 500 kgs/ hr upto 10000kgs/hr. can be provided.
- Single / Double /Three on stage models are available.



Vacuum Pan Concentrator / Evaporator System

Suitable for concentration of juices, pulp, milk etc. to prepare concentrates. The pan is provided with top and bottom hemispherical shape shell and mounted on the platform. The top and the bottom shell are welded together. Both anchor and paddle type stirrer assembly can be provided. The drive for stirrer assembly is fixed on the top shell. The system is under vacuum thus lowering the boiling temperature of the product. Vacuum in the system is maintained through vacuum pump. Steam is used as a heating media which is provided in the steam jacket of bottom shell. The water vapors removed from the product is condensed in the condenser. Cooling tower water is circulated in the condenser to condensate the vapors.



Bottle Washer

The machine is basically of rotary design with 4 sections. First two sections are meant for soap and fresh water washing, the next sections are for hot air drying. Drive mechanism is controlled by VFD to get the desired speed. The spray nozzles are connected to Piston pumps for getting the required pressure. Hot air is generated by heaters through which the in feed air crosses when the blower suck fresh air.

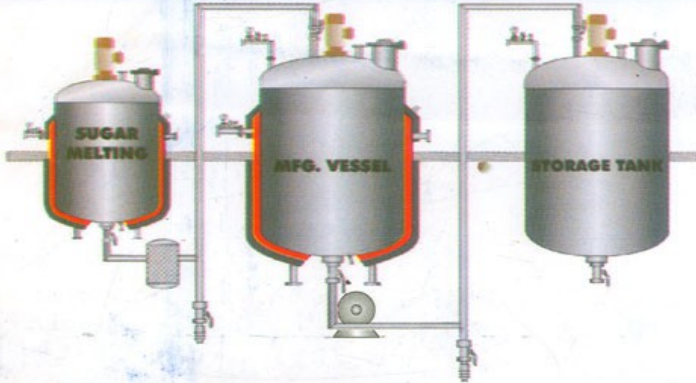


Blancher / Cooler

Both belt type design and perforated drum type can be provided. The equipment is suitable for blanching and cooling of non sticky vegetables. Steam is purged to prepare hot water in which the vegetables are poured. Steam is controlled through a steam control valve as per the set temperature. The belt and the drum are provided with variable speed drive to control holding time of the raw vegetables. In the cooler cooling tower water or chilled water is circulated to cool the blanched vegetables.



D-MARK ENGINEERS



Automatic Liquid / MFG. Plant:

Fully automatic Liquid / Oral manufacturing plant is supplied by us to the clients nationwide. These are used in many industries for manufacturing creams, lotions, tooth paste, ointment and other syrup, homogenizations and emulsions. Our machineries are made from good quality material, efficient in working and easy in cleaning.

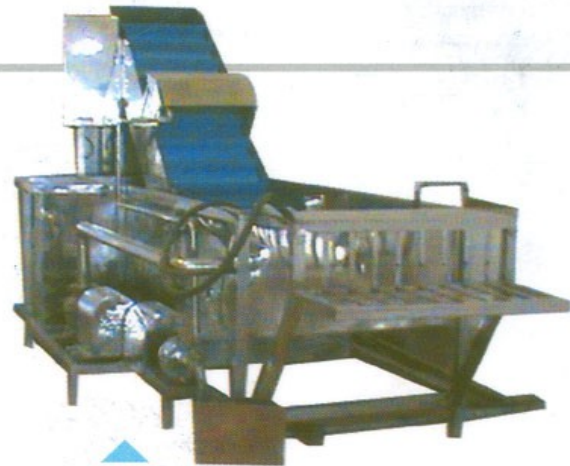
Some of the components of our machinery are:

- Flush bottom valve Bucket filter
- High / Slow Speed stirrer Spray ball (Optional)
- Electric control panel board
- Full/ Half Jacket
- Electric / Steam / Thermic Fluid heating
- Capacity: 100-10000 liters
- Stirrer and homogenizer available at the bottom/ Top



Piston Filler

The machine works on the principle of positive displacement volumetrically. The unit consists of syringes of suitable capacity connected to respective nozzles. The size and type of nozzles depends on the liquid to be filled and pack size. It has an electric motor with suitable reduction gear box and volume adjustment.



Vegetable / Fruit Washer

Suitable for washing of fruits and vegetables. The fruits are soaked in the water through feeder and subjected to thorough agitation by means of powerful blower to loosen dust and foreign particles. The fruits are then picked up by the pick up conveyor and gone through the powerful spray of fresh water for further cleaning. Overflow water is collected in overflow tank with filter arrangement and this particular water is circulated via water circulation pump. Capacity ranging from 500 kgs/ hr upto 10000 kgs/hr.



DOUBLE STAGE PULPER WITH ELEVATOR



VACUUM FILLING MACHINE



COLLOID MILL



DE-AERATOR



BATCH PASTEURIZER

Manufacturers of : Food , Pharmaceuticals, Chemicals, Dairy, Distilleries, Cosmetics & Allied Industries.

DEE MARK ENGINEERS

The Mark of Excellence

Works : F-34, Chand Market, Krishan Vihar, New Delhi-110 086.

Mobile : 9910545328, 8447011398

E-mail : deemarkengineers@gmail.com, dinesh@deemarkengineers.com

info@deemarkengineers.com, Website : www.deemarkengineers.com



Ms. Naina Jhamb : 8447011398

Mr. Dinesh Kumar : 9910545328