



SREE **VENKATESWARA** **INDUSTRIES**



ABOUT US:

Sreevenkateswara Industries established in 2021, Hyderabad, Telangana. We are a leading manufacturer and supplier of Storage Racking Systems, Cable Trays, food and pharmaceuticals process equipment. Our diverse range of products include Storage Racking Systems (GI / SS), GI / SS Cable Trays, Reactors, Condensers, Heat Exchanger, Storage Tanks (SS / MS), Multi Mill, Tray Dryers, Vacuum Tray Dryers, Extractors, Catch Pot, Receivers, Pressure Vessels and Box Type Condensers and custom-made equipment's. It is located in the industrial development zone of Devaryamjal Village, Shameerpet Mandal, Medchal Malkajgiri Dist, Hyderabad, Telangana, India.

Our team is promoted by qualified, experienced, and dedicated engineers who strongly believe in working hard for the company, its customers, and employees to provide state-of-the-art solutions. Our engineers constantly make efforts to update themselves with the latest technological trends to manufacture our products in line with the latest advancements with high-quality standards. We have a huge base of satisfied customers spread across all over India.

Sreevenkateswara Industries has a dedicated industrial workshop covering 5500 sq. Feet and a dedicated warehouse. Our team consists of more than 10 employees which include the Design, Sales and marketing, Production, Purchase, and Quality team.



PRODUCT INDEX

REACTORS

- SS Reactors
- Chemical Reactors
- GMP Reactors
- Jacketed Reactors
- Limpet Coil Reactor

REACTORS

- Shell and Tube Heat Exchanger
- Tube Heat Exchanger
- GMP Reactors
- Jacketed Reactors
- Limpet Coil Reactor

TRAY DRYERS

- Tray Dryers (GMP / Non GMP)
- Vacuum Tray Dryers
- SS Trays

CONDENSERS

- Box Type Condensers
- Condensers

- Storage Tanks (Horizontal / Conical)
- Leaf Filters
- Multi Mill
- Extractors
- SS Receivers
- SS Catch Pot
- Pressure Vessels
- Storage Racking System (MS / GI)
- Cable Trays (GI / MS / SS)
- Metal Iron pellets



CHEMICAL REACTORS

In Batch reactors, one or more reactants are introduced into a reactor vessel equipped with an impeller to carry out a chemical reaction. The mixing is carried out under external heating or cooling. The impeller stirs the reagents vigorously to ensure good mixing so that there is a uniform composition throughout. Baffles are provided to prevent vortex formation during the mixing of liquids

TYPE	DESCRIPTION	CAPACITY
Limpeted Chemical Reactor	A Limpet is provided around the shell for heating or cooling. Steam or thermic oil is used as a heating medium	Min – 200 L, Max – 30,000L
Jacketed Chemical Reactor	A jacket is provided around the shell for heating or cooling. Steam issued as a heating medium.	Min – 200 L, Max – 30,000L
Mixing Vessel	It is used for the mixing of liquids at ambient pressure and temperature	Min – 200 L, Max – 30,000L

MATERIAL OF CONSTRUCTION

We deal in a variety combination such as SS316, SS316L, SS304, SS304L, MS (IS2062). Also, coatings such as PP, FRP, Halar, Rubber Lining.

1



2



3



4



5



1. GMP REACTOR | 2. LIMPETED REACTOR
3. JACKETED REACTOR | 4. MIXING VESSEL
5. MIXING VESSEL

CONDENSER & HEAT EXCHANGER

Heat exchangers are used to transfer heat between two or more fluids. The fluids may be separated by a solid wall to prevent mixing or they may be in direct contact. A shell and tube heat exchanger passes fluids through and over tubes, where as an air-cooled heat exchanger passes cool air through a core of fins to cool a liquid. They find application across a wide range of industries such as oil and gas industries, Datacenters, Pharmaceuticals.

TYPE	Description	Capacity
Shell and Tube	High Temperature fluid runs through the tubes and another low temperature fluid flow over the tubes through the shell to transfer heat between the two fluids	Min - 1 m2, Max - 100 m2

Fixed tubes sheet types & Floating tube sheet type

MATERIAL OF CONSTRUCTION

We deal in a variety combination such as SS316, SS316L, SS304, SS304L, MS (IS2062).

SHELL & TUBE TYPE



FLOATING TUBE SHEET TYPE



BOX TYPE CONDENSER

A Box condenser is a water-cooled shell and tube heat exchanger installed to condense exhaust steam from a steam turbine in thermal power stations. These condensers are heat exchangers which convert steam from its gaseous to its liquid state at a pressure below atmospheric pressure. Where cooling water is in short supply, an air-cooled condenser is often used. An air-cooled condenser is however, significantly more expensive and cannot achieve as low a steam turbine exhaust pressure (and temperature) as a water-cooled surface condenser.



STORAGE TANK

Industrial Storage tanks are used to store various liquids such as oil, gas and chemical liquids. Tanks are further classified according to their shape cone bottom, flat bottom, open-closed top, vertical-horizontal cylinder. We provide custom made storage tanks which are corrosion resistant, durable and reliable.

TYPE	Description	Capacity
Horizontal Storage Tank	Tanks are Placed Horizontally on the ground with the saddle support	Min – 500 Ltr Max – 1,50,000 Ltr
Vertical Storage Tank	Tanks are Placed Vertically on the ground on the support lugs / skirt	Min – 500 Ltr Max – 1,50,000 Ltr

MATERIAL OF CONSTRUCTION

We deal in a variety of material combinations such as SS316, SS316L, SS304, SS304L, MS (IS2062), SA516 Gr.70 (BQ). Also, coatings such as PTFE, PP, FRP, Halar, Rubber lining.



MULTI MILL

Multi mill is used for high speed Granulating, Pulverizing, Mixing, Shredding and Chopping, etc, of a wide range of wet and dry materials without special attachments. This machine utilizes the principle of variable force swing hammer blades having both knife and impact edges rotating with a carefully selected screen to control size reduction. Flow path of material in vertical rotor machine is streamlined. During comminuting, material entering the chamber travels to the periphery and passes through the screen tangentially and radially avoiding chocking and temperature rise.



TECHNICAL SPECIFICATION:

MODEL	CGMP MODEL
Capacity	50 - 200 Kgs/Hr. Depending Upon Screen Size And Product Properties Of Fed Materials
Motor HP	3.0 HP / 1440 Rpm
Speed	3ph/415vac/50 Hz
Rotor Speed	720/1440/2160/2880 Rpm
Beaters	12 Nos. Knife Blades And 02 Nos. Scraper Blades
Rotor Assembly Dia.	Approx. 250 Mm
Screen Diameter	Dia. 260 X 138 Mm Ht.
Charging Height	1450 Mm
DisCharging Height	730 Mm
Starter	Dol Starter With F-R Switch Shall Be Provided.
Surface Finish - Contact Parts	220 Grit Mirror Finish
Surface Finish - Noncontact Parts	150 Grit Mat Finish
Overall Dimensions	875 X 970 X 1650 Mm Ht.
Net Weight	280 Kgs. Approx.
Gross Weight	430 Kgs. Approx.
Case Dimensions	1225 X 1570 X 1875 Mm Approx
Optional	• Different Hole Size Screen Available from 0.5 Mm to 12 Mm • Mesh Size Screens Available On Demand, 4# To 100 Mesh.

TRAY DRYER

As the most preferred Tray Dryer Manufacturers, we are happy to present to you our range of Hot Air Tray Dryers. As the name suggests, the try dryer is most suitable for drying powders, wet granules and wet cake in the pharmaceutical industry. Products which contain moisture up to the limit of 30 % can be effectively dried using this equipment. Sreevenkateswara Industries has gained the reputation of being the top Hot Air Tray Dryer Manufacturer in India owing to the unmatched quality, efficiency and durability of its products. The dryer works on the formula of recirculation of hot air within the processing chamber which a very energy efficient way of drying products. We offer to build electrical, thermal or steam based dryer according to the requirement of the customer. You can select from the size range of 12 trays up to 192 trays. Fans and safety gears are put in place to ensure even and constant distribution of hot air.

We are the preferred choice in the Tray Dryer manufacturing domain owing to the experience we have in this field and for the customer support we offer to our clients

SALIENT FEATURES:

- Available in Std. as Well as CGMP Construction with FLP / Non FLP Electrical to Suit Customer's Requirement.
- Electrical / Steam /Thermal Oil Heating Options Are Available On Demand.
- Available in Various Models Ranging from 12 Trays to 192 Trays.
- Unit Available with / Without HEPA Filtration Systems.
- Specially Designed Axial Flow Fan/s to Ensure Uniform Air Circulation Over the Entire Charge Loaded Inside the Drying Chamber. This Will Results in Efficient Drying.
- The Door Will Be Explosion Proof and Will Be Locked with The Help of Spring Loaded Ball Latches with Suitable Pressure.
- Door Lips Will Have Food Grade Silicon Gasket to Prevent Leakages

MODEL	T - 12	T - 24	T - 48	T - 96
Blower Motor HP	0.5 HP	0.5 HP	1.0 HP	1.0 HP X 2 Nos
No. Of Blower Fans	01	01	01	02
Heating Load In Kw (For Electrical Heating)	03 KW	06 KW	09 KW	15 kW
Max. Temperature	100deg. C	100deg. C	100deg. C	100deg. C
No. Of Trolley / Rack System	Rack System	Rack System	01	02
Tray Size	16" X 32' X 1 ¼"	16" X 32' X 1 ¼"	16" X 32' X 1 ¼"	16" X 32' X 1 ¼"

VACUUM TRAY DRYER

Is suitable for drying of thermal sensitive materials easily resolved, polymerized or deteriorated under higher temperature. Sterilization can be conducted prior to the drying process, during which no matter is allowed to enter the product. Static vacuum dryer eliminates the configuration damage of the drying materials, there-fore widely used in pharmaceutical, chemicals and foodstuff etc.,



SALIENT FEATURES / MOC (IN GMP MODEL)

- Main Body/Vacuum chamber SS316 with heavy duty SS316 flange and Stiffeners.
- Door SS 316 (hemisphere shape) with heavy duty SS316 flange.
- Shelves Hollow Type pads SS316 with flow Baffles.
- Condenser (Shell & tube) and Receiver in SS 304 with Isolation valve and Flow Glass in between to monitor condensation.
- Trays (with-out back folding) in SS316 rounded corners and edges.
- Explosion Vent/Rupture Disc on vacuum chamber.
- Digital Temperature Controller (FLP) with solenoid controlled Pneumatic operated valve at Hot Water inlet.
- Provision for Validation Port on Body
- Digital Temp., Indicator (FLP) at H.W. inlet & outlet.
- Dial type Vacuum gauge and Digital Temp., Indicator (FLP) in Vapor line.
- Pressure release valve in Steam line.
- View Glass/Light glass provided on vacuum chamber Door, Body and Receiver.
- Silicon transparent gasket for door.
- Nitrogen purging valve provided on Vacuum chamber.
- Vacuum break valve provided on vacuum chamber
- Drain valve for Vacuum chamber and Receiver.

Temperature Accuracy: ± 2 to 30C

Finish: Internal 320 Grit Mirror Polish and Outer 180 Grit Mat Finish.

OPTIONALS:

- Heating Shelves unit movable system fitted on SS316 Trolley and SS304 external Tr
- Condenser and Receiver in SS 316 instead of SS304.
- Limpet coil on Vacuum chamber.
- Insulation on the vacuum chamber outer surface and door. The insulation is enclosed and covered with removable SS 304 panels
- Skirting/Wall panel all along the body/vacuum chamber flange
- Hot water system (Steam heated) with tank (Insulated), SS304 Steam Radiator/Electrical heaters, Circulation pump with FLP Motor and controls.

MODEL	VTD3G	VTD6G	VTD12G	VTD24G	VTD36G	VTD48G
No. of Trays	3	6	12	24	36	48
Capacity in Kg	3 – 5	12 – 18	25 – 35	50 – 75	75 – 100	100 – 150
Tray Volume in Ltrs / Capacity in Kgs	5 / 1 – 1.5	10 / 2 – 3	10 / 2 – 3	10 / 2 – 3	10 / 2 – 3	10 / 2 – 3
Tray Size: L W H in mm	406X406X31	812X406X31	812X406X31	812X406X31	812X406X31	812X406X31
No. of Heating Shelves	4	7	7	13	13	17
Shelf Size in mm	430 X 430	430 X 835	835 X 835	835 X 1259	835 X 1250	835 X 1250
Distance between Shelves in mm	100	100	100	100	100	100
Trays on each self	1	1	2	2	3	3
Condenser	0.2m2	0.5m2	0.75m2	1m2	1.5m2	2m2
Receiver	10 Ltrs	25 Ltrs	50 Ltrs	75 Ltrs	100 Ltrs	150 Ltrs
H.W. Distribution Pipes	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
Door Gasket (Silicon)	16mm SQ	16mm SQ	16mm SQ	16mm SQ	16mm SQ	16mm SQ
No. of Door Bolts (Φ40)	4	6	8	10	12	12

Design Temperature: The Vacuum Dryer Shelves Are Hydro – Tested 5Kg / Cm² in Assembled Condition. The Vacuum chamber is tested for full vacuum.

OVERAL DIMENSIONS (Approximately):

Width in mm	900	1250	1700	1750	1800	1850
Depth in mm	900	1500	1500	1500	1900	1900
Height in mm	1100	1850	1900	2200	2200	2600
Weight in mm	400	700	1000	1500	2000	2500

- Tray size is 16" x 32" x 1.25" (h). For the models mentioned above the tray can be raised to a maximum of 2".

SS RECEIVERS

- Sreevenkateswara Industries Offers
- Various grades of SS Receivers like
- SS 202, SS 304, SS304L, SS316, SS316L



SS RECEIVE TANKS

With a firm Commitment to quality, we are involved in offering a wide ambit of SS Receivers Tank.

FEATURES:

- Anti – Corrosive
- Immaculate finish
- Leak Proof

SPECIFICATION:

- Storage – 2000ltrs
- Material – SS 304 / SS 316



SREE VENKATESWARA INDUSTRIES



+91 99639 99966



sreevenkateswaraind18@gmail.com



H.No: 8-77/7/8 Sy No: 697& 698,
Devaryamjal Village, Shameerpet
Mandal, Medchal Malkajgiri Dist,
Hyderabad, Telangana-500 014.

