

COMPANY PROFILE

S. S. ENGINEERING is in the field of Manufacturing & Exporting of Chemical Processing equipments for the past three decades providing innovative & cost effective solutions to the Machinery & Equipment needs of various industries viz.

- **BULK DRUGS**
- **PLASTICS**
- **FOOD PROCESSING**
- **POLYMERS**
- **CHEMICALS**
- **ADHESIVES & COATINGS**



Our product range includes

- **REACTION VESSEL (JACKETED & LIMPET)**
- **HEAT EXCHANGERS (CONDENSOR)**
- **STORAGE TANKS**
- **MIXERS**
- **BLENDERS**
- **FILTERS**
- **EVAPORATORS**
- **DRYERS (DRUM DRYERS)**
- **CENTRIFUGES (HYDRO EXTRACTOR)**
- **DISTILLATION PLANTS**
- **DISTEMPER PAINT PLANT**

We undertake turnkey project for

BULK DRUG PLANT, POLYESTER RESIN PLANT, PHENOL FORMALDEHYDE RESIN PLANT, DISTEMPER PAINT PLANT, CATIONIC BITUMEN EMULSION PLANT, PVA/ALKYD RESIN PLANT

We also undertake development of various equipments as per Customers drawings, design and or Specifications.

We have full fledged production set-up comprising of Pyramid type Plate & Pipe Bending machines, Coil forming Hydraulic Press, Center Lathes, Drill, Air Plasma, TIG/MIG Welding Rectifiers, Hydraulic Testing Machine etc.

We have good teams of qualified production personnel comprising of qualified X-ray welders, fitters, engineers, working under quality conscious skilled supervisor.

We assure timely execution of work entrusted to us maintaining optimum quality of workmanship giving reliable and trouble free performance of the Machines manufactured by us.

COLLOID MILL

S. S. ENGINEERING COLLOID MILL IS renowned manufacturer of Rotor Stator. Mill is providing innovative Solutions for various industries viz Food Pastes, Emulsions, Coatings, Ointments, Creams, Grease etc. The mill has application for Homogenising, Emulsifying, Dispersing, Mixing & Grinding.

The Colloid Mill is a through flow machine using the kinematic high frequency technology. The product is fed to the centre of a Rotor -Stator system by specially designed feed Hopper or by Pump Device. The product is accelerated outwards by the Rotor's centrifugal action. The mixing and grinding effect is achieved by friction, shearing stress and impact stress in the gap between Rotor and Stator.

SALIENT FEATURES

- The Colloid Mills contact parts are made or S.S.304 or S.S.316
- Flexible Coupling provided between motor Shaft & Rotor shaft for easy maintenance
- Motor protection cover is provided
- Specially Designed Hand lever manually provided to facilitate fine adjustment of clearances between rotor & stator. even during operation

OPTIONAL

- Water Jacket can be made as per the need for cooling or heating purpose
- S.S.316 in place of S.S.304 contact parts
- GMP model in place of Standard model
- 1 Micron = 0.001mm, 1000 microns = 1 mm



MODEL	SS 25 C	SS 50 C	SS 500 C	SS 1000 C
HOPPER	10 Ltrs	20 Ltrs	50 Ltrs	100 Ltrs
CAPACITY / SHIFT	50-200	50-350	300-500	500-1500
MOTOR H.P	3	5	10	20
R. P. M.	2800	2800	2800	2800
PARTICLE SIZE REDUCTION	5 to 10 MICRONS	5 to 10 MICRONS	5 to 10 MICRONS	5 to 10 MICRONS

Depending upon the material