

## 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.

## CONTRA MIXER (SHEAR BAR MIXER)

Contra Mixer as the name suggest works on the principle of Contra rotation of Blades for simultaneous beating and scraping operation. The mixer is highly versatile and mostly used for manufacturing toothpaste, creams, cosmetics and viscous products.

The mixing Assembly consists of series of paddle type blades of appropriate shape to move the material back towards the center of the container. The paddle type blades are provided on the central shaft which runs through a hollow shaft on which other sets of blades are welded. Both the sets of blades intermeshes with each other and rotates in clockwise and anti-clockwise direction respectively and one sets also scraps the container wall for thorough and uniform mixing of the material.

The mixer is so designed to withstand high vacuum applied in the process for optimum mixing. Contra mixer is provided with a jacket for cooling or heating as per the application.

We manufacture Contra Mixer with Capacity ranging from 5 litres to 5,000 litres in Material of construction SS 304 or 316.



### CONTRA BLADES





## CONTRA MIXER (SHEAR BAR MIXER)

