



**CentPro**

Integrating Technologies; Improving Life.

# Centpro Engineering Private Limited.

**World Class Process Equipments  
& Efficient Turnkey Solutions**

**PROCESS DESIGN  
CONSTRUCTION  
PROJECT  
ENGINEERING...**





## ABOUT US

Centpro Engineering Private Limited takes great pleasure in introducing itself as a new generation organization in the field of Design, Engineering, Manufacturing and Supply of Process Chemical Equipments for various industrial applications.

Established in the year 2012, located in Pune, India, the Company is committed to cater the individual requirements of the customers and to provide value added design and fabrication services to the Indian and international industries.

We are specialized in Manufacturing of diverse range of customized process equipments like Pressure Vessels, Jacketed or Limpeted Reaction vessels, Heat Exchangers, Distillation Columns, Storage Tanks, etc. to various industry sectors such as Oil and Gas, Petro Chemicals, Food, Beverages, Milk, Edible Oil, Chemical & Pharmaceuticals Industries and more complying to Indian and International Standards.

We also provide customized turnkey solutions from Concept to Commissioning plants pertaining to Evaporation Systems, Dairy plants, etc. which includes detailed engineering of turnkey plant, Procurement, Fabrication, Erection & Commissioning of plant and process equipments at site.

## VISION

We wish to reconcile ideologies of people across the globe who believe in leaving sustainable world for our descendants through our innovative technologies and processes.

## MISSION

Centpro is incepted on a foundation of our core values. Values to strive to integrate and flourish in global industry as technology driven company through innovating customized and optional solutions towards customers expectations.

## TEAM

**“The team at Centpro have common ideology which converges to achieve our vision”.**

Centpro comprises Qualified, Experienced, Certified Engineers and Management professionals from esteemed Technical and Business School across the Globe specializing in distinctly identified functions.





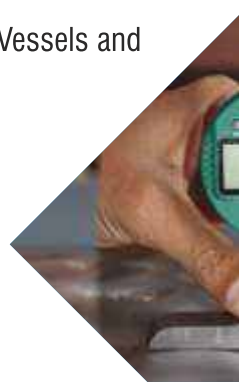
## DESIGN & ENGINEERING

Capabilities for efficient and robust design for all kind of process equipments and pressure vessels. Extensive Experience and competency in design compliance with international codes,

- ASME Section VIII Div-1&2
- TEMA
- API-650/620
- PD 5500
- IS 2825

### OWNED DESIGN SOFTWARE

- Intergraph PV Elite – Analysis of Pressure Vessels and Process Equipment.
- Solid Works- Part Modelling
- Solid Plant – Plant Modelling and Piping
- Auto CAD Mechanical



## QUALITY AND MANUFACTURING STANDARDS

Centpro Engineering Pvt. Ltd. is committed to uncompromised product quality throughout the execution meeting all the stringent quality norms for all on-going processes.

### NON-DESTRUCTIVE TESTING

- Liquid Penetrant Examination
- Radiographic Examination
- Magnetic Particle Test
- Hydrostatic / Pneumatic Test
- Ultrasonic Test
- Helium Leak Detection Test

## MATERIAL HANDLING CAPABILITY

- **Stainless Steel:**  
SS304/304L, SS316/316L, SS316Ti
- **Exotic Material:**  
SS Duplex, Super Duplex, Hastelloy, Inconel, Incoloy, SS904L (UNS N08904)
- **Carbon Steel:**  
SA-516 Grade 60, SA-516 Grade 70, LTCS  
Explosion Bonded materials with various material combinations.





## STORAGE TANK

We Manufacture & Supply all types of Vertical and Horizontal Storage Tanks for various industrial applications conforming to API-650, API-620 standards, etc.

We have supplied the tanks in wide range of capacities from 5000 Ltrs to 150,000 Ltrs capacity in Stainless Steel material construction with lugs supports/ Skirt Supports with Top conical and flat bottom end, top and bottom Conical ends with or without half pipe jackets on bottom conical ends, etc. based on customer's process and installation requirements.

## HEAT EXCHANGERS

Our most commonly supplied Shell & Tube Heat Exchangers includes Condensers, Re-boilers, Kettle Type Heat Exchangers, Evaporators, Calendria, etc. with TEMA type configurations like BEM, AEL, BKU, etc. in all categories of TEMA Class R, C, and B either vertical or Horizontal in Stainless Steels, Carbon Steels, Boiler Quality Carbon Steel, Low Temperature Service Carbon Steel, Alloy steels, H2S service which calls for NACE & HIC resistant materials, etc.

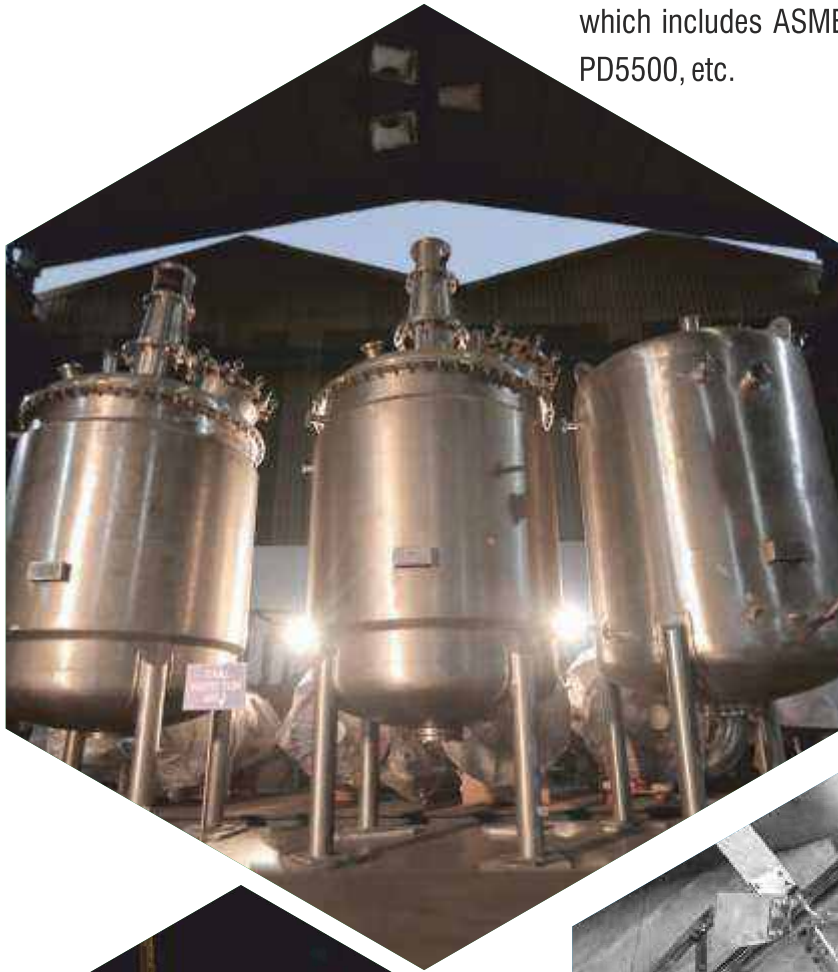


## REACTION AND MIXING VESSELS

The design of pharmaceutical and chemical reactors has to be catered of several issues which needs customization so as to meet the customer's specific process requirements. Robust design of process reaction vessels offered with Various Types of Agitators such as Anchor, Turbine, Mig , Hydrofoil, Propeller, Pitched, Disc, Paddles, Helical and Contra Mixer etc. are capable of producing desired turbulence.

## PRESSURE VESSELS

We are specialized and committed in manufacturing and supplying technologically advanced range of quality pressure vessels in various capacities with reliability upon design as per customer's requirements and in conformity to National and International codes and guidelines which includes ASME Section VIII Division 1, API-650, API-620, PD5500, etc.



## PRODUCT RANGE

### PROCESS EQUIPMENTS

- Pressure Vessels
- Heat Exchanger
- Agitators
- Mixing/Reaction Vessels
- Storage Tanks
- Distillation Columns

## EVAPORATION

### Evaporation Plant

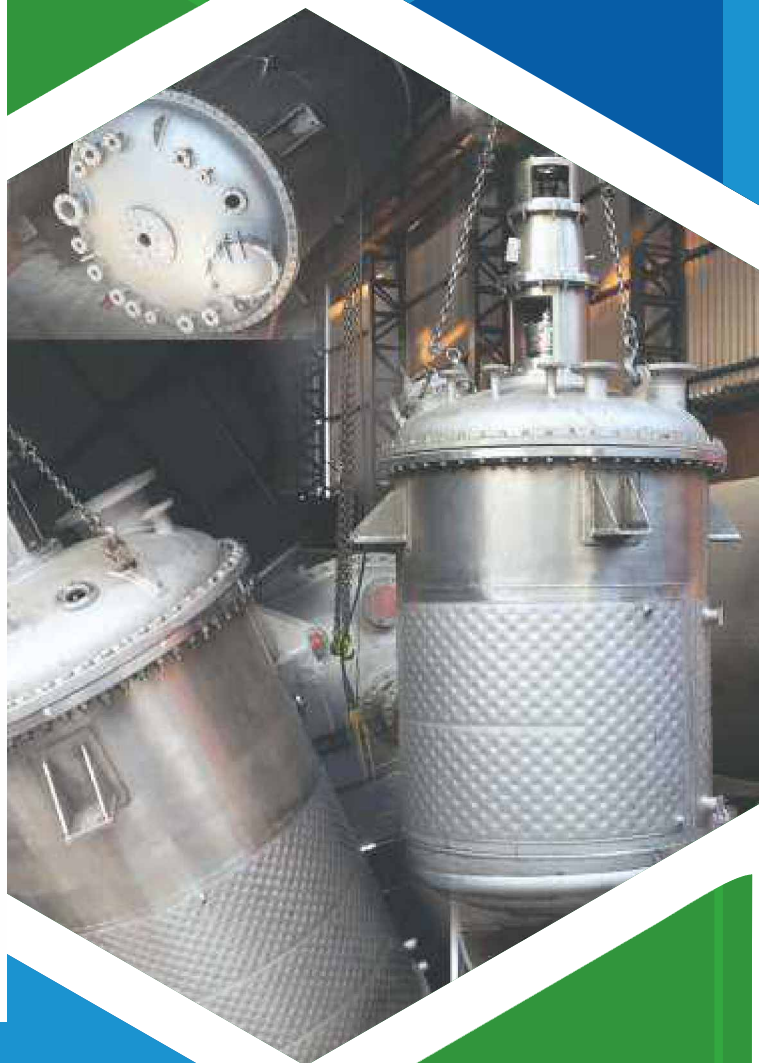
- Falling Film
- Rising Film
- Multiple Effect Evaporation
- Industrial Dryer
- Forced Circulation
- Agitated Thin Film
- Wiped Film
- ATFD

## MASS TRANSFER & DISTILLATION SYSTEMS

- Distillation Columns
- Packed Columns
- Solvent Recovery Systems
- Strippers
- Bubble Cap Columns

## TURNKEY PLANTS

- Herbal/Natural Extraction Plant
- Tomato & Fruit Processing Plants
- Starch & Liquid Glucose Product Plant
- Edible Oil Refinery
- Caustic Soda Recovery Plant
- Solvent Recovery Plants
- Zero Liquid Discharge Solution For Effluent



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#### Factory Address

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