



Industrial Process Reactor and Mixer Agitator



Engineering & Design Consultancy Services

We manufacture all types of SSR Reactor, Jacketed Reactor, Agitator Mixer, Portable Mixer Agitator Machine, Dispensators Mixer Machine, Parts Of Mixer Agitator, Mixer Agitator Impeller, Mixer Agitator Sealing Parts, Other Mixer Agitator Parts, Agitator Mixing Tank

For Enquiries Contact us at
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www.peplgroup.com

Products & Services: Industrial Process Reactor and Agitator

We take full responsibility for the Industrial Process Reactor and Agitator from conceptual design to after-startup support service and everything in between. We make sure that our customers can keep their focus on their line of business by providing worry-free Process Reactor and Agitator.

Parchure Engineers Private Limited is a professional manufacturer of agitator mixing machine. We emphasize introducing new technology and technique. we are specialized in designing, researching and development of agitator mixer. We have different types process SSR reactors, batch reactor , continuous stirred reactor, semi batch reactor agitator mixers, top entry agitator, side entry agitator, bottom entry Agitator, portable agitator mixer, speed adjustable portable mixer, belt drive stirrer, food agitator, pharmaceutical mixer, chemical agitator. **As per clients' requirements, we will design drawings and manufacture according to temperature, pressure, viscosity of mediums in mixer tanks.**



Process Reactor



Agitator

Products & Services: Industrial Process Reactor

At the heart of every **Industrial Process Reactor Systems(SSR)** across industries is a Process Reactor. An industrial process reactor is an important chemical equipment that facilitates a wide range of processes such as optimal mixing, flow distribution, heat transfer, mass transfer, diffusion, **etc. to deliver high-quality product. We will manufacture and assemble suitable parts according to customer requirements.**

Agitator mixing tank is composed of mixing tank body, mixing tank cover, stirrer, transmission device, shaft seal. Mixer agitator tank body, mixing tank cover, agitator and shaft seal are made of stainless steel. The agitator mixing tank body and the mixing tank cover are connected or sealed by flange. The upper part of the mixer agitator cover is equipped with a transmission device (motor or reducer), which drives the agitator in the agitator mixing tank by the transmission shaft. Shaft seal device adopts mechanical seal or packing, labyrinth seal and other forms (determined according to the needs of users). **We will manufacture and assemble suitable parts according to customer requirements.**



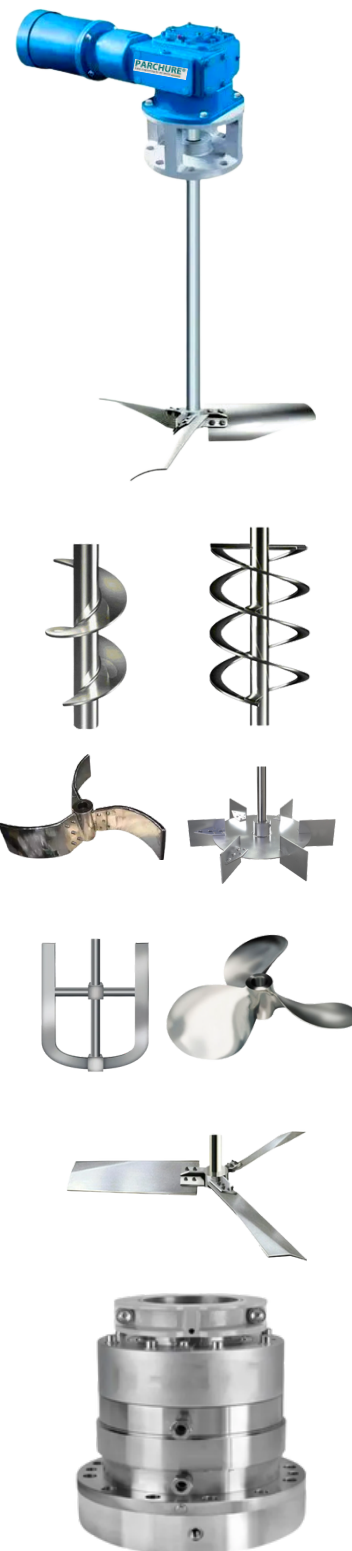
Process Reactor and Mixing Tanks

Products & Services: Agitator

Mixer Agitator impeller in the agitator tank is used to agitate the liquid or slurry in the tank. It can combine substances in the form of solid, liquid and gas. These mixer impellers enable forced convection and uniform mixing of liquid and gas media. The function of stirring impeller is to transfer the energy generated by motor to product in the most effective way, so as to achieve the desired effect in a short time. If there is a gradient in temperature, concentration or sealing performance, it is very important to mix the liquid in the tank. Impeller is the key of high efficiency mixing system. In our company, every application has an ideal impeller, which can accurately and efficiently meet the needs of the process. The type, size and speed of impeller will affect the distribution of stirring power between the total flow rate and turbulence fluctuation. We will recommend the right impeller to our customers.

Mixer agitator components of motor, bearing seat, frame, coupling, agitating shaft, impeller, reducer. **We will design drawings and assemble suitable parts according to customer requirements.**

Mixer agitator sealing parts are indispensable in agitator, which can be sealed by mechanical sealing. We will select the corresponding agitator mixing sealing according to the technical characteristics of the mixer agitator. **Also sealing parts can be customized according to client's requirements.**



Agitator and Parts

Parchure Engineers Private Limited

Feature and Benefits

Code used for Process Reactor and Agitator design and manufacturing.

- Thorough understanding of the process requirements.
- Optimal and robust process design with low power consumption.
- Authentic material of construction.
- Great welding, excellent surface finishing (WPS/PQR qualified welders).
- Appropriate heat treatment assures stress relief and longevity.
- Crack resistant material.
- Leakage-proof, inherently safe.
- Easy to clean.
- Very low maintenance cost.
- High quality standards to ensure easy functioning under various pressures.

Industries We Serve

- Chemical Process Industry
- Petrochemical Industry
- Oil and gas refineries
- Waste and Water treatment
- Paper and pulp
- Medical & Biopharmaceuticals
- Fertilizers
- Food
- Beverages
- Vegetable Oil
- Dyes
- Hydrogenation
- Polymer industry
- Paints
- Mineral processing



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