

# WELCOME TO

# **SAIRAM ENGINEERS**

- Established in 2015 with strong industry expertise
- Manufacturers of Storage Tanks, Reactors, Conveyors & Industrial Equipment
- Customer-focused solutions with high quality standards

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# INTRODUCTION

Established in 2015, Sairam Engineers is a leading manufacturer of a comprehensive range of industrial equipment, including Storage Tanks, Chemical Reactors, Screw Conveyors, Blender Machines, and many more.

At Sairam Engineers, we uphold strong ethical business practices and maintain complete transparency in all our dealings. We believe in building long-term, trustworthy relationships with our clients by consistently providing reliable solutions and exceptional service.



# MISSION & VISION

## MISSION

To design, manufacture, and deliver high-quality mechanical equipment that enhances productivity, efficiency, and safety for our customers while maintaining a strong commitment to innovation, sustainability, and customer satisfaction.

## VISION

To be a trusted leader in mechanical manufacturing, driven by innovation, quality, and customer success

# RIBBON BLENDER

High-quality ribbon blender engineered for chemical, pharmaceutical, food, and process industries

**Efficient & Uniform Mixing**

**Robust Stainless Steel Construction**

**Low Maintenance & Easy Cleaning**

**Wide Industrial Applications**



# STORAGE TANK

We manufacture and supply a various range of storage vessel. That find application in various industries. These pressure vessels are steel reaction vessels manufactured using quality raw material and latest technology, that ensure in them excellent durability and efficiency.

**Safe & Reliable Storage**

**High-Quality Construction**

**Hygienic & Easy Maintenance**

**Customizable Design & Capacity**



# REACTORS

Reactors are essential vessels used in chemical processing industries to carry out controlled chemical reactions. Typically made from stainless steel, carbon steel, or special alloys, they are designed to withstand pressure, temperature, and corrosive environments. Reactors come in various types such as batch, continuous stirred tank reactors (CSTR), plug flow reactors (PFR), and packed bed reactors, each suited for specific applications.

**Efficient Chemical Processing**

**Robust & Hygienic Construction**

**Temperature & Pressure Control**

**Customizable Design**

# silo

We offer a wide range of storage silos made from different types of stainless steel. We use stainless steel 304 (L) and 316 (L), duplex, super duplex, depending entirely on the customer's needs. Stainless steel is a very strong and maintenance-friendly material. Cleaning the silo is well possible with this material and it is highly resistant to various weather conditions and mechanical damage. Silo used to storage of bulk quantity material.

**Efficient Bulk Storage**

**Space Optimization**

**Robust Construction**

**Easy Material Handling**



# MIXING TANK

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## Experimental Setup

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## Simulation Framework

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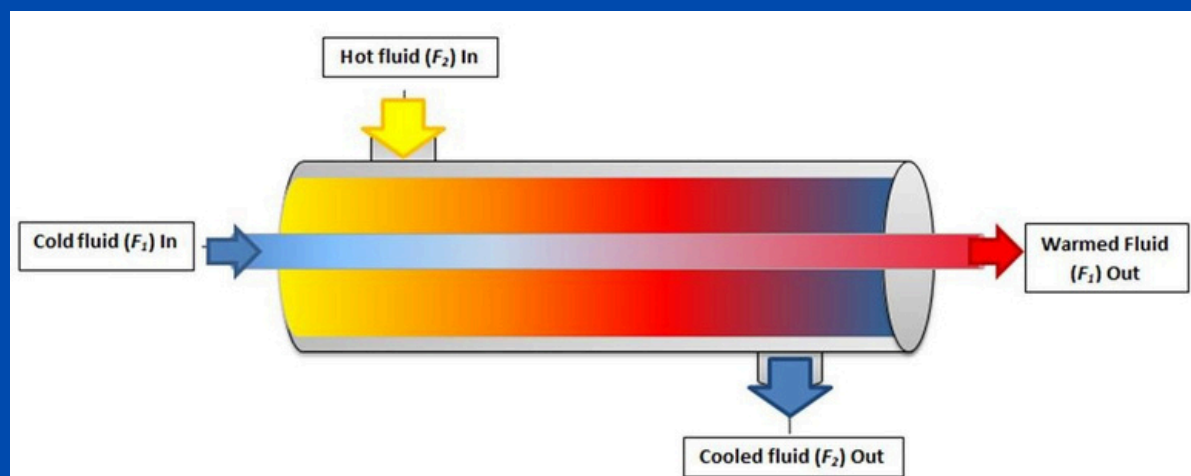
# HEAT EXCHANGER

Wide Industrial Applications

Efficient Heat Transfer

Robust & Durable Design

Energy Saving Operation





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# CONDENSER

Condenser is heat exchanger which have various design and come in many sizes ranging from rather small to very large industrials-scale units used in plant processes. Condenser is mostly used for condensation of vapors in distillation process. Its mounting can be horizontal or vertical. In system involving heat transfer ,condenser is a device or unit used to condense a substance from its gaseous to its liquid stage by cooling it

**Purpose**

**Working Principle**

**Applications**

**Advantages**



# UNDERGROUND TANK

Underground tanks are designed for safe and efficient storage of liquids below ground level. They provide space optimization, protection from environmental conditions, and reliable long-term storage with proper design and safety features

**Purpose & Application**

**Construction & Material**

**Design & Safety Features**

**Advantages & Application**





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# SCREW CONVEYER

A Screw Conveyor is a mechanical conveying system used for transporting bulk materials efficiently. It operates using a rotating screw flight inside a trough to move materials continuously. It is widely used in various industries due to its compact design, reliable operation, and low maintenance requirements.

**Purpose & Function**

**Design & Construction**

**Applications**

**Advantages**



# CONCLUSION

## Conclusion

SAIRAM ENGINEERS, we are committed to delivering high-quality, customized process equipment that meets the highest standards of performance, safety, and reliability.

With our experienced engineering team, modern manufacturing facilities, and customer-focused approach, we provide complete solutions from design and manufacturing to testing, delivery, and after-sales support.

Our goal is not just to supply equipment, but to build long-term partnerships through quality, innovation, and dependable service.



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# THANK YOU

Sairam Engineers

Ribbo blender | Mixing Tanks | Storage Tanks | Heat Exchangers |  
Process Equipment | Reactors | Silo | Condenser | Screw  
Conveyer

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