



**PERSEVERANCE INDUSTRIES
INDIA PVT. LTD.**

Engineered | Reliable | Trusted

ENGINEERING TRUST DELIVERING EXCELLENCE.

Serving Chemicals, Pharmaceuticals, Paints,
Petrochemicals, and Sugar Refineries.





ABOUT US

The Business Was Commenced In The Year 1994 By Mr. Mohan Nair, Which Was Then Named **K.R ENGINEERS**, Under His Guidance Our Current Directors Have Been Able To Gain Practical Knowledge In The Design And Manufacturing Of Industrial Process Equipment. After The Completion Of The Graduation In Mech. Eng. Of All 3 Directors, They Incorporated The Company Under The Name Perseverance Industries India Pvt Ltd In The Year 2020. Since Then We Have Been Serving Only End Users Of **CHEMICALS, PHARMACEUTICALS (API), PAINT, PETROCHEMICAL, & SUGAR REFINERIES, OIL & GAS, WATER TREATMENT PLANT & HVAC.**

MANUFACTURING UNIT



MISSION

Empowering Industries With Sustainable Solutions, Driven By Innovation & Unmatched Service



VISION

Our Vision Is To Become The Most Preferred Supplier By 2030, Renowned For Our Unwavering Commitment To Quality And Unparalleled Service.



HYDROGENATION REACTOR

Multi phase reactors are made for high System security, low service Requirement and low operating cost. Multi-phase reactor design for Hydrogenation, carbonation, ethoxylation, Oxidation and many more.

HYDROGENATION REACTOR

Multi phase reactor with top entry mixer For any dimensions. A wide range of Impellers (gas dispersing as well as high Flow turbines) & a wide choice of double Mechanical seals. Design available for Both the gas charging options, ring Spargers and gas induction through hollow Shaft.



TOP ENTRY AGITATOR

Top entry agitators with or without steady Bearing with different sealing devices for Atmospheric or pressurized vessels & Reactors. Single mechanical seal, double Mechanical seal, lip seal or gland packing with bearing housing options are Available. The seal may be removed by a Spacer coupling without dismantling the Agitator from vessel.

TOP ENTRY AGITATOR

Top entry agitators for wide range of applications ranging from mild mixing or flocculators to violent mixing for reactor. Water to all segment of process industry wherein liquid agitation is involved.





Supplies A Range Of Standardised & Customized, Fermenters For Your Microbial Culture Needs - Bacterial Or Yeast.

Fermenter Range & Technical Specifications :

Unit Sizes: 100 To 20000 Ltr Working Volume H/d: Variable Up-to 3:1

Defined Surface Finish (dry Grinding) To $Ra \leq 0.8 \mu m$

TYPICAL APPLICATIONS

- Mineral Processing
- Alumina Precipitators & Predesilication
- Iron Ore Benefication
- Ash Slurry Mixing In Hosd Systems
- Leaching & Solvent Extraction
- Slurry Mixers For Flue Gas
- Desulphurization Slurry
- (liquid-solid) Reactors



Slurry mixers for wide variety of applications ranging from mild mixing for flocculators to violent mixing for leaching & solvent extractions. We cater to all segment of process industry where in liquid-solid agitation is involved.

We expertise in mixing of newtonian and non-newtonian solid liquid slurries.

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Industrial Pressure Vessel :

Cylindrical pressure vessels are composed of a cylindrical shell and a set of heads. The cylindrical shell is the body of the pressure vessel. The heads serve as the end caps or enclosure to the shell to cover the contents of the vessel. The heads may have a flatter or more rounded profile. The latter reduces the weakness of the cylindrical vessel.

Industrial Mixer :

Industrial mixers for powders, granules & bulk materials are used in many industries (i.e., chemical, food, pharmaceutical, cosmetics, animal nutrition, etc.) for the manufacture of flavorings, food colorings, paints, toners, as well as the treatment of polymers, silicones, lubricants & adhesives.



Industrial Scrubber :

A scrubber system is used in the removal of harmful and hazardous particulates from industrial gas streams before they are released into the environment. Scrubbers can be engineered to safely remove solids, mist, and gases while at the same time providing cooling. Valuable product may also be recovered in the scrubber preventing product loss.

Distillation Column :

Distillation columns allow the separation of a mixture of liquids based on the difference in their volatilities. There are two types of distillation processes. The type of distillation process will greatly influence the design of the pressure vessel :

- » Flash Distillation.
- » Column Distillation Or Fractional Distillation





Industrial Ribbon Blender :

Chemical reactors are enclosed pressure vessels used to contain and/or stir the reactants, products, and catalysts during a chemical reaction. They are equipped with agitators or stirrers to facilitate the blending among the reactants, thereby increasing the molecular contact among them. Baffles are installed to avoid the swirling of the fluid and create a desirable flow pattern inside the reactor.

Industrial Storage Tank :

Storage tanks containing organic liquids, non organic liquids, vapors and can be found in many industries. Most storage tanks are designed & built to the American Petroleum Institute API-650 specification. These tanks can have different sizes, ranging from 2 to 60 m diameter or more. They are generally installed inside containment basins in order to contain spills in case of rupture of the tank.

- » Fixed-Roof Tanks
- » External Floating Roof Tanks
- » Internal Floating Roof Tanks
- » Domed External Floating Roof Tanks
- » Variable Vapor Space Tanks
- » LNG (Liquefied Natural Gas) Tanks



Supplies a wide variety of stainless steel pressure vessels and storage vessels. All the pressure vessels & storage vessels are designed as per ASME section VIII, div I / IS: 2825 or any other international standard.

Options

- Flat, flat sloping, cone or dished vessel bottom
- Jacketed pressure vessels
- Limpet pressure vessels
- Electro-polished
- With ladder, platform & railings

Typical applications

- Chemical pressure vessels
- Gas storage vessels
- Air & nitrogen receivers
- Refrigeration & cryogenic applications
- Chemical storage vessels

Produce applications ranging from mild mixing a consistent and safe product all with less time for maintenance and sanitation. for flocculators to violent mixing for Mineral Processing you in solving process and product issues, creating & establishing new product pilot plants.

Provides Process & Pilot Skids For Various Applications,

- Hot Water Generation Skid
- CIP
- SIP
- Heating Systems
- Pilot Plant Skids
- Dosing Systems
- Mixing & Blending Skids



PRODUCT PORTFOLIO



We Serve Them



OIL & GAS INDUSTRIES



WATER TREATMENT PLANTS



STEEL PLANTS VESSEL



OINTMENT



BULK DRUG



FOOD & AGRICULTURE



CHEMICAL



PHARMACEUTICAL & FINE CHEMICALS



POLYMERS



PETROCHEMICAL



PAINT



SUGAR REFINERIES

CAPACITY & CAPABILITY

Category	Capacity
 Normal Vessels	Up to 200 KL
 Pressure Vessels	Up to 200 KL
 Reactors	Up to 100 KL
 Storage Vessels	Up to 200 KL
 Mixers	Up to 550 KW Motor
 Distillation Columns	According to Design
 Heat Exchangers	According to Design
 Fabricated Items	According to Design

OUR CLIENTS



Enriching Lives



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SCAN TO VISIT WEBSITE