

YOUR WAY TO FUTURE

- ◆ Petrochemicals
- ◆ Fertilizers
- ◆ Pesticides
- ◆ Pharmaceuticals
- ◆ Dyes
- ◆ Herbals
- ◆ Chemicals
- ◆ Bio Fertilizer
- ◆ Bulk Drugs
- ◆ Specialty Chemicals
- ◆ Paint And Resin Industries
- ◆ Polymer Industries
- ◆ Perfumes Industries
- ◆ Oil Industries



HEXAMIDE AGROTECH INCORPORATION



“How do I manage
time to market and
cost pressure without
having deal with
multiple vendors..?”

GROWTH : Did you know that in spite of investing little in marketing and promotion activities we have growing at a CAGR 60% for past five years...?

ONE-STOP-SOLUTION.

Designing, Engineering, Manufacturing, Fabricating....
We do it all.

Our Company

Since our inception in 1999, We are manufacturing with supplying qualitative range of Chemical Machineries, Reactors, \$ Equipments. We have proved ourselves as a recognized organization and made a prominent signature in the industry. Our Equipments have stood the test of time in a variety of application in chemicals, petrochemical, pharmaceuticals, pesticides, refineries, steel, dyes, intermediate, and pigments, rubber chemicals, food industries and other process industries.

We have since perfected the processes of standards-based-design, fabrication. Testing and supply of variety of chemical process equipments including, Chemical reactor, Process reactor, Reaction vessel, Industrial reactor, Reactor kettle, Limpet coil reactor, Stainless steel reactor, Chemical process reactor, Ribbon blender, Ribbon Mixer, Powder mixers, Chemical vessel, Agitator vessel, Chemical machinery, Chemical process machinery, Limpet Reactor, Process reaction vessel, Heat exchanger, Condensers, Chemical machinery, Chemical process equipments, Agitated reaction vessel, Stainless steel reaction vessel, Chemical reaction tank, Stainless steel tanks, Chemical storage tanks, Chemical plant machinery,

In addition to above we also mfg customized products which are propriety based process equipments.

Our Aim

Our Aim has remind consistent our all this years, Be a One Stop-Solution-Shop and provide process equipments and services under one roof. Our clients say we make a huge difference to you as well. With us as your partners, you will no longer have to deal with multiple vendors.

“Can I get my equipments designed engineered and manufactured to my exact specification...?”

VERSALITY: Did you know that in addition to equipment design and manufacturing, we also provide complete turnkey plant solution in budgetary factor.

EXPERTISE

We've been solving complex engineering problems for our clients since past 15 years.....

Our Competence

Whether its manufacturing and supply of specialized and property equipments for chemical industries or creating GMP equipments for pharmaceuticals, bio-processing and other hygiene sectors, our products have performed consistently and won wide appreciation.

Our custom fabrication are build to world class standards..We have in-house capability to design and supply equipments. We have created products using variety of material in bare and explosion bonded construction, Today we also offer jobs under third party acceptance...

Our equipments are designed, fabricated and constructed to meet international codes and standards. Our systems and facilities are certified for ISO 9001-2008 and CE certified.

Our Facilities

We are able to create world class solutions because we use world class tools design technologies in addition our production facilities match the best in the business, Some of them are Plasma Arc cutting equipments, plate rolling, dish end, forming, matching, mechanical & electro chemical polishing, mig welding, non destructive testing, liquid penetrating testing, ultrasonic thickness gauging, paint thickness measuring, third party material testing and equipments testing, certified by govt of India approved agency.





Products and Solutions

Our coded and customized equipments are designed to perform in a wide range of process applications.

Products

Chemical reactor
Process reactor
Reaction vessel
Industrial reactor
Reactor kettle
Limpet coil reactor,
Stainless steel reactor
Chemical process reactor
Ribbon blender
Ribbon Mixer
Powder mixers
Chemical vessel
Reactor vessel
Jacketed vessel
Pressure vessel
Reactor pressure vessel

Agitator vessel
Chemical machinery
Chemical process machinery
Limpet Reactor
Process reaction vessel
Heat Exchanger
Condensers
Chemical machinery
Chemical process equipments
Agitated reaction vessel
Stainless steel reaction vessel
Chemical reaction tank
Stainless steel tanks
Chemical storage tanks
Chemical plant machinery.



Chemical Mixing Vessel / Chemical Blenders

We manufacture Chemical Reaction Mixing Vessel as per requirement of Customers. We Design Vessel to maximize net present value for the given reaction. Design ensure that the Mixing of Chemical proceeds with the highest efficiency towards the desired output product, producing the highest yield of product as per requirement of customer. It may be provided with internal cooling coils if needed.

Capacity : 50Ltrs. to 50,000 Ltrs

MOC of Chemical Reaction Mixing Vessel : SS304L/SS316L/IS 2062 / CS

Available in GMP model and NGMP model, MS Jacket and SS 304 Cladding, SS 304 Jacket and SS 304 Cladding, Limpet Coil, Insulation.

Available with Anchor agitator, PBT agitator, Propeller agitator, Hydrofoil agitator, Turbine Agitator

Chemical Reactors / Jacketed Reaction Vessel

Chemical Reactors / Jacketed Reaction Vessel consist of a Cylindrical vertical shell with standard Torispherical dish on both ends. A Jacket is provided on the Outside of the shell for Heating & Cooling Stiffener Rings are provided on shell in between the shell and jacket to give uniform circulation of the heating or cooling media and to intensify the vessel.

Agitator assembly mounted on the Top dish of Reaction Vessel consists of Shaft supported by Lantern Assembly on the Top End containing Bearing Housing with Tapered roller bearing to withstand impact load and vibratory load ensuring smooth rotation of the Shaft. Shaft Can fitted with different types Of Agitator Such as Single Anchor, Double Anchor, Turbine & Propeller types. Baffles are also provided inside the shell as per the requirement.

Extractors

We are engaged in manufacturing and supplying range of Vertical , Horizontal Extractors. Extensively used for extracting, these products are manufactured by our professionals using high-grade raw material in accordance to international quality standards. Due to its excellent features such as sturdy construction, longer service life and high performance, these products are highly demanded by the clients.

Available in GMP model and NGMP model. MS Jacket and SS 304 Jacket.



Heat Exchanger

We offers a wide range of Heat Exchangers for all types of industries, especially chemical, petrochemical, pharmaceutical, fertilizer, cement and sugar. These heat exchangers are supplied as per both customers' specifications and drawing or custom-built based on process conditions. A well equipped design team understands the customers' need and proposes the required design for their approval. Basically, the designs conform to ASME and TEMA codes and if required, a third party inspection.

We provide well conceived optimum designs to suit every application of heat exchange and recovery applications. The heat exchanger range includes heat transfer capacities ranging from 1000 kcal/hr to 1,000,000 kcal/hr. The heat transfer area ranges from 1 sq.m. to 500 sq.m.

Industrial Reaction Vessels

Being an ISO 9001:2008 certified organization, our forte is to manufacture and export an exclusive Range of Industrial Reaction Vessels. The Vessels are Offered in different capacities form 50 liters to 1,00,000 liters, Made using optimum grade stainless steel ,AS SS316 , SS316L , SS304 , SS304L our Industrial Reaction Vessels are regarded for their attributes like leak proof nature, high temperature resistance and low maintenance.

- This Industrial Reaction Vessels are Design as per ASME Standard
- Highly Productive due to higher mass transfer rates
- The Design of Reaction Vessels are very simple shape & scientifically
- We follow International quality standards in order to meet quality standards
- Easy maintenance and robust quality therefore more demand able in market
- These Industrial Reaction Vessels can be customized as per client's requirements

Limpet Coil Reactors

Limpet Coil Reaction Vessel consist of a Cylindrical vertical shell with standard Torispherical dish on both ends. Limpet Coil is Half round Pipes welded on the outer surface of the shell and also on the bottom dish of the Reactor. Limpet coil is made of either Mild Steel Or Stainless Steel. It is either Double end double start for both heating and cooling through limpet coil or Normal Single coil for either heating or cooling. Limpet Coil Welding is performed by using high grade By Flux Core filler wire depending on MOC of the Limpet Coil to withstand design pressure.

- Design & Mfg with stainless steel Grade SS316L,SS304L,IS 2062,CS
- Wide range of volumes From 500ltr - 50,000ltr
- Ability to work under pressure and vacuum
- Agitator/Stirring mechanism in accordance with the application of the reactor, viscosity and density of the product



Storage Tank

We offer a range of Storage tanks suitable for storage of chemicals, strong acids, alkalis, oxidizing agents etc. According to the chemical/acid properties, storage specifications, vertical/horizontal, we design the tank in Mild Steel and Stainless Steel. Various types of linings are also offered by us for protecting the Tanks from corrosive nature of the Chemicals and Acids.

Storage Tanks are durable in construction finish and finds application in different processes in Chemical Industries like crystallization, distillation, hydrolysis, neutralization and others. Having application in industry sectors.

Storage tanks can be Fabricated for Capacity form 100ltr to 5,00,000ltr. MOC for Tanks Can be selected as SS316 ,SS304 ,MS,CS as per suitability.

Resin Plants

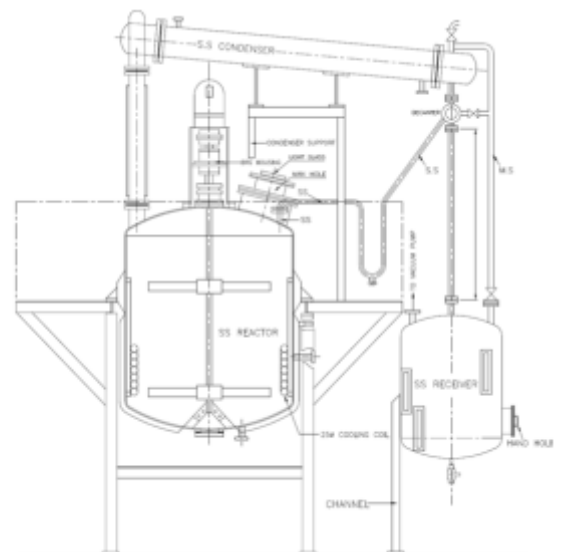
We undertake turnkey projects for resin plants and other resin machinery and complete them with utmost efficiency. We design and supply resin machinery for solvent based resin plants, acrylic based resin plants and multipurpose resin plants. Our products ensure uninterrupted and flawless services for years.

We provide complete solutions by offering latest technological Resin plants. Our range is fabricated using the latest design and manufacturing technology available. These plants are available in full range of diameters and lengths. To satisfy the customer's needs, our objective is, to present new techniques to our clients according to their specifications and applications.

We manufacture and provide Resin Plants with different specifications and grades. These plants are used in adhesive and paint manufacturing units. We ensure to make plants which imports hassle free production for long hours. These Resin plants cover the whole range of application from construction and building industry to aerospace technology.

We offer Synthetic Resin Plants that are anti corrosive and provides accurate results. These plants are available in different capacities and specifications. Our Synthetic Resin Plants are made of superior quality raw material like stainless steel SS316 / SS304 etc. These plants are technically advanced, robust in construction, easy to operate, low maintenance, highly efficient and are offered at industry leading prices.

Standard Capacity of Resin Plants available are from 1ton , 2ton , 4tons , 6tons , 10tons.





Multi Purpose Distillation plant

We are supported with a proficient workforce & rich industrial experience and knowledge that assist us in manufacturing, exporting and supplying a wide range of Multipurpose Solvent Distillation Plants. These are well designed with advanced efficiency. It can be operated at lower energy consumption but provides higher yield. Our manufacturing team use contemporary techniques and premium quality Steel Plates in order to meet the set industry standard. Multi Purpose Solvent Distillation plant are design to operate at Atmospheric & Vacuum.

Features:

- Easy operation
- Corrosion resistance
- Reliable
- Wear resistance
- Anti-corrosive
- Safe and hassle free operations
- Excellent functionality
- High efficiency
- Compact design

Ribbon / Paddle Mixers

Our company is one of the progressive and prominent manufacturers and suppliers of which is used for mixing various components such as powder-liquid, powder-powder, liquid-liquid or liquid-air mixing. Without separation or degradation, it meticulously mixes components of widely differing densities and particle shapes and sizes. Owing to the Design & shape the unloading of the material is helped by gravity and is complete without any hold-up.

Various design options available are :

- Capacities from 100 to 25000 liters
- Supported mixing screw at vessel bottom Is required
- Jacket/ Limpet for heating or cooling

Pressure Vessel

We are the Leading Manufacturer, and Exporter of Pressure Vessel. The high quality pressure vessels offered by us are manufactured in compliance with the set industry standards ASME norms. These Pressure Vessels are manufactured using superior quality tested raw material and advanced tools and machinery. Our range is also tested on various Stages of Production Line & parameters. Vessels NDT Test are also carried to conform weld Quality.

Pressure Vessels can be Offered from Various Capacity from 500ltr to 10kl with MOC ,SS316.SS304,CS

Features:

- Strong construction
- Optimum quality
- Durable finish standard

Agitator Comparison Chart

Key: Flow Pattern Flow Regime Suitability
 Axial Turbulent +++ Recommended
 ○ Axial ○ Turbulent / Laminar ++ Good
 □ Radial □ Laminar + Acceptable
 ■ Tangential - Not advisable

	Design	Flow Pattern	Flow Regime	Max. Viscosity (C.p)	Homogenization	Suspension	Liquid/Liquid	Gas/Liquid Dispersion	Heat Transfer	Crystallization	d/T
Impeller		□	○	8,000	+	++	++	+	+	+	0.55
Turbine		depends on angle pitch	●	3,000	+	-	++	+	+	-	0.3 to 0.4
Anchor		■	□	150,000	-	-	-	-	++	++	0.9
Frame		■	□	100,000	+	-	-	-	+	+	0.3 to 0.41
Pitch Blade Turbine 30°		●	●	4,000	-	-	-	-	-	++	0.41 to 0.44
Pitch Blade Turbine 45°		○	○	8,000	+	+	+	-	+	++	0.41 to 0.44
Pitch Blade Turbine 60°		○	○	10,000	++	++	+	+	++	+	0.41 to 0.44
Pitch Blade Turbine 90°		□	●	12,000	+	++	++	++++	++	-	0.41 to 0.44
Hydrofoil		●	○	3,000	++	++	+	+	++	++	0.43 to 0.45
Rushton Turbine		□	●	3,000	-	-	++	++	+	-	0.3 to 0.4
Trapezoidal		○	○	12,000	+	++	++	++++	++	-	0.35 to 0.4
Breaker Bar		□	○	70,000	++	+	-	-	++	++	0.6 to 0.75
Opti Foil		○	○	15,000	++	++++	++	++	++++	++++	0.45 to 0.55



HEXAMIDE
Agrotech

Hexamide Agrotech Incorporation

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Phone : 022-64575777,
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Email : ceo@hexamide.net

Unit 01 :

Plot no 11 Aditya Industrial Estate, At post : Kumbavali,
Tal.: Khalapur, Dist: Raigad

Unit 02 :

Plot no 26, 27 Aditya Industrial Estate,
At post : Kumbavali, Tal.: Khalapur, Dist: Raigad

Warehouse :

At post : Kutari, Next to Taloja Gaon,
Kharghar Annexe, Navi Mumbai