

Avani Process Technologies Product Brochure



Who We Are

Avani groups established in year of 2011, based in karnataka, India functioning as a major equipment supplier to various type of industries in India and abroad.

We are one of the leading equipment suppliers, based in karnataka catering to various types of industrial customers we are the dedicated squad of engineers who are having diverse industrial experience of 30 plus years. We are committed for quick response and prompt services to our customers.

- » SS Reactors
- » SS Extractors
- » Heat Exchangers / Condensers
- » Storage Tanks / Receivers
- » SS Nutche Filter
- » Atmospheric/Tray Drier (TD)
- » Rotary Cone Vacuum Drier (RCVD)
- » Fluid Bed Dryer (FBD)
- » Double Cone Blender (DCD)
- » Mass Mixer
- » Multi Mill
- » Ribbon Blender
- » Vibro Sifter
- » Pulverizer
- » Air Jet Mill (Micronizer)
- » SS Coating Pan
- » Fluid Bed Coater
- » Turnkey Projects



Salient Features of our manufactured equipments

» Excellent Performance » Robust Design » High Strength



Application

» Chemicals Industry,

» Pharmaceuticals/Bulk Drug Industries

» Food Industries

» Dairy Industries

» Herbal Extraction Industries

» Textile Industries and, etc.,



SS Reactors

1.



We Manufacture Reactors in our standard capacities as well as with full customization as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of reactors that find wide application in process industries, these reactors are used in many configurations depending upon their functional requirement such as operating conditions and storage medium.



SS Extractors

2.

We Manufacture Extractors in our standard capacities as well as with full customization as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Extractors that find wide application in process industries, these Extractors are used in many configurations depending upon their functional requirement such as operating conditions and storage medium.



Heat Exchangers / Condensers

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We manufacture and supply shell and tube Heat Exchangers/ Condensers in standard capacities as well as with full customization as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of heat exchangers / condensers that find wide application in process industries, these condensers / heat exchangers are used in many configurations depending upon their functional requirement such as operating conditions and usage medium.

Storage Tanks / Receivers

4.

We manufacture and supply Storage Tanks / Receivers in standard capacities as well as with full customization as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Storage tanks / Receivers that find wide application in process industries, these Storage tanks / Receivers are used in many configurations depending upon their functional requirement such as operating conditions and storage medium.



5 SS Nutche Filter

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We manufacture and supply Nutche Filters in standard capacities as well as with full customization as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Nutche Filters that find wide application in process industries, these Filters often used in high vacuum and pressure in the closed condition and solids can be discharged straightaway into driers.

6 Atmospheric/ Tray Drier (TD)

Capacity: 3 Trays To 192 Trays

6.

We Manufacture Atmospheric Tray Driers or often called Tray Drier in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of ATDs that find wide application in process industries. These ATDs are fabricated from high grade of raw materials. These ATDs are manufactured in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Our manufactured ATDs can be used with electric heaters / Steam Drying / Both Electrical and Steam Drying



••• Vacuum Tray Drier (VTD)

Capacity: 3 Trays To 96 Trays

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We Manufacture Vacuum Tray Driers in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of VTDs that find wide application in process industries. These VTDs are fabricated from high grade of raw materials. These VTDs are manufactured in both cGMP Model and Non-GMP Models and different MOCs as required by the client.

••• Rotary Cone Vacuum Drier (RCVD)

8.

We Manufacture Rotary Cone Vacuum Drier in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of RCVDs that find wide application in process industries. These RCVDs are fabricated from high grade of raw materials. These RCVDs are manufactured in both cGMP Model and Non-GMP Models and different MOCs as required by the client.



Fluid Bed Dryer (FBD)

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We Manufacture Fluid Bed Drier in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of FBDs that find wide application in process industries. These FBDs are fabricated from high grade of raw materials. We are manufacturing FBDs in both cGMP Model and Non-GMP Models and different MOCs as required by the client.

FBD that functions on the principle of creating a fluid turbulence in a granulated or powdery wet product with the help of hot air (or dehumidified air) that flows in an upward direction and drying the product to the requisite degree.

Salient Features:

1. Short drying time and low drying temperature
2. Uniform drying
3. Rapid exchange of granules
4. Single piece retarding chamber and finger bag chamber with inflatable seals
5. Pneumatic lifting and locking for product container with retarding chamber
6. Electrical or stream air heating system with SS heat exchangers
7. Fully automatic bag shaking arrangement
8. Intrinsically safe earthing mechanism optional
9. AHU with Inlet-air filtration system with 20 microns coarse filter, 5 micron pre-filters and 0.3 micron HEPA filters (p-99.9%) as an option and
10. Compact design

Double Cone Blender (DCD)

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We Manufacture Double Cone Blenders in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Double Cone Blenders that find wide application in process industries. These Double Cone Blenders are fabricated from high grade of raw materials. We are manufacturing Double Cone Blenders in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Double Cone Blender is opted for mixing. The powdered and granular materials are each mixed in definite proportions.

Mass Mixer

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We Manufacture Octagonal Blenders in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Octagonal Blenders that find wide application in process industries. These Octagonal Blenders are fabricated from high grade of raw materials. We are manufacturing Octagonal Blenders in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Double Cone Blender is opted for mixing. The powdered and granular materials are each mixed in definite proportions. Octagonal Blender is suitable for mixing both the powdered and granular material into fixed proportions.



Multi Mill

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We offer extensive range of Multi Mill that is suitable for pulverization, wet and dry granulation, and other processes. These are used in diverse range of industries like Food processing Plants, Pharmaceutical, Chemical, Cosmetic and Ceramics Industries. Multi Mill is composed of a metal frame, rotary machine, beater and castor.

Ribbon Blender

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We Manufacture Ribbon Blenders in standard capacities and also as per the specification and requirement of the client. We are manufacturing and supplying highly functional range of Ribbon Blenders that find wide application in process industries. These Ribbon Blenders are fabricated from high grade of raw materials. We are manufacturing Ribbon Blenders in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Ribbon Blenders used in blending of two homogenous ingredients in specific proportions.



Vibro Sifter

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We are manufacturing and supplying highly functional range of Vibro Sifters that find wide application in process industries.

These VibroSifters are fabricated from high grade of raw materials. We are manufacturing VibroSifters in both cGMP Model and Non-GMP Models and different MOCs as required by the client

Pulverizer

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We are manufacturing and supplying highly functional range of Pulverizers that find wide application in process industries. These Pulverizers are fabricated from high grade of raw materials. We are manufacturing Pulverizers in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Pulverizer is used in Mixing and Grinding of the products. A pulverizer is equipped with a hammer, sharp blade and a mixing pan to mix or grind the material into fine powder.



••• Air Jet Mill (Micronizer)

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We are manufacturing and supplying highly functional range of Micronizer that find wide application in process industries. These Micronizer are fabricated from high grade of raw materials. We are manufacturing Micronizer in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Micronizer is used in Mixing and Grinding of the products. A Micronizer is equipped with a hammer, sharp blade and a mixing pan to mix or grind the material into fine powder.

••• SS Coating Pan

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We are manufacturing and supplying highly functional range of Coating Pan that find wide application in process industries. These Coating Pan are fabricated from high grade of raw materials. We are manufacturing Coating Pan in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Coating Pan is used in Mixing and Grinding of the products. A Coating Pan is equipped with a hammer, sharp blade and a mixing pan to mix or grind the material into fine powder.



Fluid Bed Coater

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We are manufacturing and supplying highly functional range of Fluid Bed Coater that find wide application in process industries. These Fluid Bed Coater are fabricated from high grade of raw materials. We are manufacturing Fluid Bed Coater in both cGMP Model and Non-GMP Models and different MOCs as required by the client. Fluid Bed Coater is used in Mixing and Grinding of the products. A Fluid Bed Coater is equipped with a hammer, sharp blade and a mixing pan to mix or grind the material into fine powder.

Turnkey Projects

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We also undertake Turnkey Projects which includes design, development, customization, installation, and commissioning of various Process Equipments in collaboration with on board process consultants.

Contact us



REACH US

Registered Office:

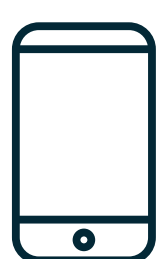
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