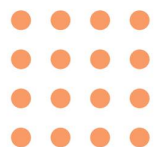


Single Source, Multiple Solutions



Quality Product • World Class GMP Standards • Excellent Aesthetics • After Sales Service • Customized solution



Company Profile

SAMS Technomech is one of India's leading solution providers in the field of formulation processing, serving the global pharmaceutical industry for more than 3 decades. SAMS has the capability/flexibility and inherent strength to provide that extra bit in terms of satisfying each customer's special requirements.

SAMS is proudly partnering with a wide ranging customer base in India with majority of Indian Multi National Companies (MNCs) / Trans National Companies are in its fold. Majority of our business comes from existing customers. 'Customer retention' has been the focus of our company from the beginning. All SAMS products comply with GMP Standards, our products are used in no. of US FDA / UK MHRA approved plants in India and overseas markets. Internationally, the company has got a good Channel partners in many countries who are assisting to have a large customer base spread across all the 5 continents of the Globe.

Unique Value Proposition SAMS offers to its customers include:

- High level of product quality
- World class GMP standards
- Excellent Aesthetics
- Commitment towards providing best of customer support in terms of 'After Sales Service'
- Customized solution
- Product Quality

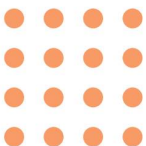
The product quality of SAMS is comparable with the best available in global market. The company has been raising the performance bar for its products continuously thereby differentiating itself from competition.

Customization

The ever-changing environment of today's process manufacture often requires equipments that is designed to meet their needs. "SAMS TechnoMech" takes a positive and flexible approach to solve these changes. Thus SAMS can undertake Custom-design and build machines specially suited to the individuals application.

SAMS is involved in the manufacturing / marketing of the entire formulation processing equipments starting from:

- Rapid Mixer Granulators
- Fluid Bed Dryers
- Ointment Plant
- Liquid/ Syrup Mfg. Plant
- Coaters
- Multi Mill
- Blenders
- Sifters





Vibro Sifter

Facilitates uniform gradation of powder

It is an Improved type of mechanical sieving unit with newly designed spring mechanism which facilitates free movement of the particle on the screen. Gradation will take place according to the mesh size of the screens provided.

Manufacturing Range:
300mm to 1200mm

Rapid Mixer Granulator

High Speed Mixing and Granulation of Wet & Dry Powder

The Mixer is designed to meet special needs of tablet manufacturing technology. The Unique design of Impeller reduces the process time and the mixing is more homogenous. The granule size is uniformly maintained. It is manufactured by maintaining improved hygienic standards within the highest cGMP norms. Built in Co Mill option possible.

Manufacturing Range:
5L to 1200L



Lab Model



Planetary Mixer (Standard)

Versatile Machine for Dry and Wet Mixing of Powder & Granules (Powder mixing)

Intimate blending of different materials for different consistencies, viscosities, densities, shapes, proportion liquid / liquid, liquid/ solid, solid/solid is achieved effectively by use of planetary mixers

Manufacturing Range:
10L to 1000L

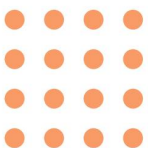


Co-Mill

Accurate Particle Size Control with Increased Output

Co Mill is used for Wet and Dry milling/size reduction of wide range of products. It is suitable for stand alone as well as online milling.

Manufacturing Range:
1HP to 7.5HP



Paste Preparation Vessel

Uniform Melting of Binding Solution

Jacketed with Heating Facility (steam / Electrical) for Easy Melting (paste mixing)
This Unit is used for preparation of starch paste. Hemispherical shape ensures that the heating of the Starch paste is Uniform and gets more surface area.

Manufacturing Range:
20L to 250L



Multimill

Stand Alone Unit for Particle Size Reduction

Self - Contained portable unit for wet and dry milling. Suitable for size reduction.

Perforated Screens size ranging from 0.5 mm to 25mm.

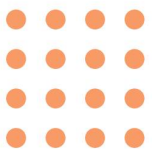
Perforated Screen Size Range:
0.5mm to 25mm



Tipper

Transfer the material from container of Fluid Bed Dryer to Intermediate Product Container

This equipment is most useful to transfer the material from container of Fluid Bed Dryer to Intermediate Product Container. The hydraulic system (power pack unit with cylinder) is provided to lift the complete assembly with FBD bowl and tilt the pair of cone type container and FBD bowl at 180 degree.



Fluid Bed Dryer

Efficient Dryer for Wet granules in Pharmaceutical manufacturing.

Sams Fluid Dryer is ideal for controlled, gentle and even drying of wet granules. Suitable for heat sensitive as well as non heat sensitive products. It has a high drying rate and granule is dried in a very short time.

Manufacturing Range:
5Kg to 250Kg



Oscillating Granulator GMP Model

Efficient and Versatile unit for particle size reduction of wet / dry mass. Ideal for heat sensitive products.

Oscillating granulator is extensively used wherever tablet or pellets are produced. Oscillating granulator is used for both wet and dry granulation process. Oscillating granulator one can control granule size in better manner as well as percentage of fine powder. Most suitable for uniform granulation depending upon the S.S Screen provided.

Manufacturing Range:
1HP - 2Hp - 3HP

Double Cone Blender

Efficient and Versatile Unit for dry Mixing of Powder and Lubrication of Granules.

It is composed of two truncated cones joined together by cylindrical section. A tight closing lid for feeding material and butterfly valve at the other end for discharge.

Manufacturing Range:

5L to 6000L

(Higher capacities on request)



Octagonal Blender

Efficient and Versatile Unit for Dry Mixing of Free Flowing Powder and Granules.

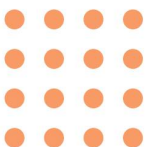
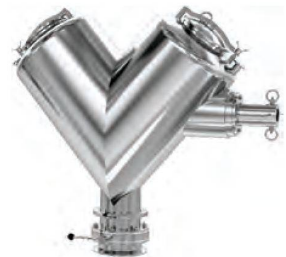
Most suitable for dry powder mixing of a small quantity active ingredient with large quantity of powder.

Manufacturing Range:

5L to 6000L



Lab Models



'V' Blender

Efficient and Versatile Unit for Dry Mixing of Free Flowing Powder and Granules.

It is formed by a cylindrical cut and welded at an angle carefully, calculated to result into a perfect 'V' Shape.

Manufacturing Range:
5L to 6000L



Conta/Bin Blender

Blending/Mixing with the Single Step Transfer System

Ideal equipment for blending within a closed environment and dust free operation. The Quality of the blending is achieved by the shape of the container without any internal baffles. The unit is most suitable for handling of different size containers by using a common drive.

Manufacturing Range:
150L to 1500L



Common / individual drive unit for all types of Blenders

Conventional Coating Pan

Economic and versatile solution for Sugar and Film coating of tablets.

Manufacturing Range:
12" to 72" (Pan Size)



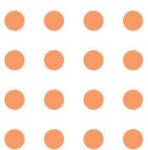
Tray Dryer

Efficient and Economic solution for drying of granules, powder, food material & Chemicals.

Tray Dryer is mostly used in pharmaceutical industries, food, chemicals and other industries. This is ideal for higher moisture content products where in the products have to be dried at low temperature for longer duration.

Manufacturing Range:

6 trays, 12 trays, 24 trays, 48 trays and 96 trays (each trays capacity 4 to 5 Kgs)



Ribbon Blender/Mixer

Uniform and Homogenous Mixing of Powder and Granules of different densities

Manufacturing Range:
50L to 5000L

The Blender consists of a Semi-cylindrical shell inside which rotates a shaft welded with spiral inner and outer ribbons.





Lifting & Positioning Device

Ideal for dust free transfer of product with better GMP.

Lifting and positioning device is designed to lift and position any type of 'In process' container or storage bins. This device is mainly used in solid dosage manufacturing and also for liquid compounding operation.

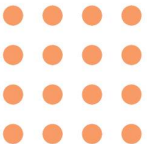
Manufacturing Range:
150Kg to 500Kg

Liquid/Syrup Manufacturing Plant (liquid mixing / manufacturing)

Ideal for Production of Oral Liquid & Suspension.

Suitable to the pharmaceutical industry for the production of oral liquids. The process consists of Sugar syrup preparation, Ingredient Mixing and Storage with product distribution piping.

Manufacturing Range:
100L to 5000L



Colloid Mill

SAMS COLLOID MILL is ideal for emulsification, homogenizing, dispersing, mixing, and comminuting of liquid for highly viscous products. The operation is based on rotor-stator principal. SAMS COLLOID MILL is available in plain as well as water jacketed models, which are suitable for heat sensitive products.



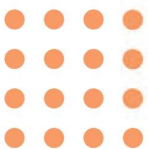
Manufacturing Range:
1HP, 3HP and 5HP



Planetary Mixer (Vacuum Jacketed)

Suitable for manufacturing pharmaceutical Ointments, Creams, Sterile preparation, Cosmetic, Suspensions and gels for optimum performance.

Manufacturing Range:
5Kg to 750Kg





Strip Packing Machine

Efficient & Trouble Free Machine to Pack Tablets and Capsules in Strips. Machine is suitable for heat sealable aluminum and paper foil.

Manufacturing Range:
2 Tracks to 10 Tracks

Ointment / Cream Preparation Plant

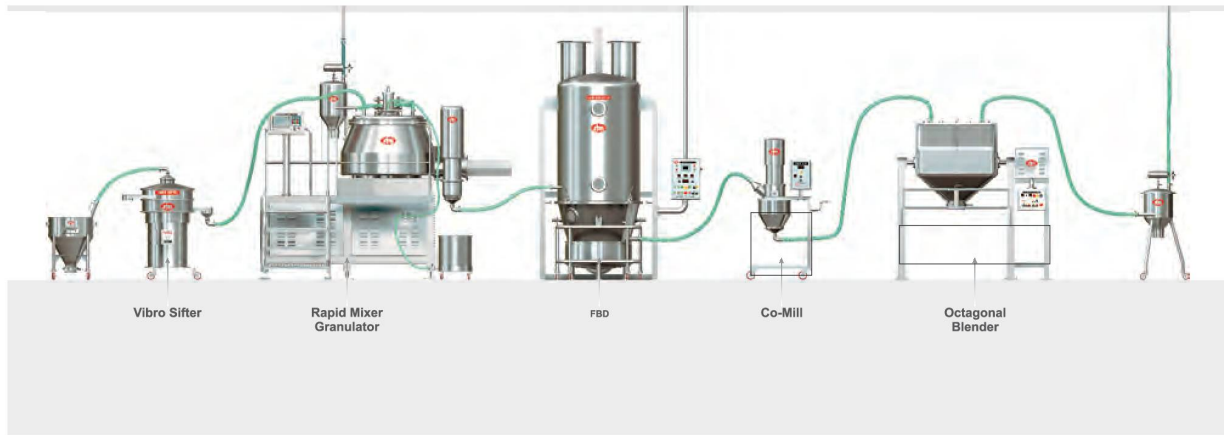
Manufacturing Range:
100Kg to 750Kg

Economic Solution for Ointment/Cream Preparation.

This plant is mainly used for manufacturing pharmaceutical Ointments, Creams, Sterile preparation, Cosmetic, Suspensions and gels for optimum performance.



Granulation Processing Plant



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