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# SIGMASQUARE TECHNOLOGIES

WE SERVE TECHNOLOGY

| FOOD PROCESSING | LEAN SIX SIGMA CONSULTANT |  
| INDUSTRIALIZATION | INDUSTRIAL SOLUTIONS |  
| FOOD TRUCKS |



Dairy Processing Plants



Dairy Processing Machineries



Sugar Plants



Fruit Juice Plants



Jaggery Plants



Ice-cream and Candy Plants



Industrial Automation & Control Panels  
Industrialization for Products



Lean Six-Sigma Manufacturing  
Consultants

## Dairy Processing

### Automatic Milk Collection Unit

We offer our best quality AMCU devices with automatic milk FAT, SNF and water contents measuring machine along with DPU data processing unit and small printer. It can store 500 customers details with 30 days FAT and SNF, total quantity of milk data for rotary and accurate payment method.



### Bulk Milk Coolers

We are the leading manufacturer and supplier of Bulk Milk Coolers ranges from 100 L to 10000 L completely build in food grade SS304 along with Emerson make state-of-art Compressors and Refrigeration Systems. It contains Control Panel, Glycol jacket, Agitator with motor and blade, CIP ball for cleaning purpose.

### Pasteurisers, Chillers and Plate Heat Exchanger

Pasteurisers and chillers are the heart of dairy plant. We are the manufacturer of the complete Pasteurizing plant included Alfa Laval PHE plates and other entire assembly is ours. It consist of Boiler, Hot Water Generator and Refrigeration System for chiller with three pumps. We have its ranges from 100 LPH to 10000 LPH with separate boiling and chilling system. Complete skid build with stainless steel SS304.



Quality and Testy  
Milk

## Dairy Processing

### Milk Homogenizers

We are the leading supplier of best quality Two stage SS304 Homogenizers for the dairy plant mostly used for cow milk. Homogenizer is used for making uniform phase of milk after pasteurising and cream separation from the milk. Completely build in SS304 with high power motor. We have its range from 100 LPH to 10000 LPH Capacities.



### Milk Storage Tanks

We are the leading manufacturer and supplier of Milk Storage Tanks HMST and VMST ranges from 100 L to 50000 L complete build in SS304 with Agitator-motor-blade arrangements, Man-way, Sight Glass, Inner light, Level indicator, CIP ball system, Drain Valve, PH metre as per requirement.

### Cream Separators, Butter Churners, Khowa Machines

We are the leading manufacturer and supplier of Milk Cream Separator and Khowa - cum - Ghee making machine. We have cream separator ranges from 100 L to 3000 LPH capacities build in SS304. Also we have Khowa making machine ranges from 100 L to 500 L. For Butter Churners we have variants from 100 L to 1000 L both in SS and Semi- SS Models.



Organic and Healthy  
Milk

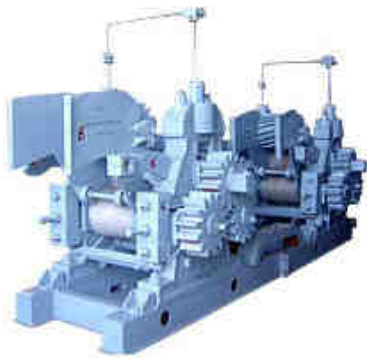


## Jaggery and Sugar Processing

### Sugarcane Carrier, Preparations, Handelings

We are the leading Manufacturer for the Equipments for the Jaggery and Sugar Processing Plants. Also we Provide Turnkey Solution For The same. We provide solutions for,

1. Sugar Plants,
2. Jaggery Processing Plants,
3. Khandsari/Gurhal Plants,
4. Jaggery Powder.

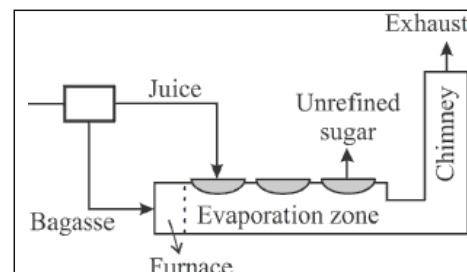


### Sugarcane Mill Tandam

We are the leading manufacturer and supplier of Sugarcane Crusher and Mill Tandam for the separating sugarcane juice hygienically. We have a wide variants for the same from 25 TCD to 2000 TCD with compatible and efficient planetary gear boxes and drives. The crusher jaws or roller made in SS304/SS316 and entire structure is in GI or heavy Mild steel.

### Sugarcane Juice Processing Machines

We are the leading manufacturer, supplier for Open pan, Close vacuum pan for jaggery making machines. These machines are used in Manual, Semi-Automatic Plants and fully Automatic plants with the help of Direct bagasse fire, Thermic-Fluid powered, or Steam powered Pans.



## Our Other Food Processing Plants

### Tomato Pulp Processing

We are the leading Manufacturer and Supplier for **Tomato-Mango-Gueva** Pulp making plants, Tomato Ketchup-Sauce making plants with all automation and hygienic equipments. Right from unloading of fruits, washing Separation, Pulper, Crusher, Filter, Pasteuriser, homogeniser Acetic filling, Tin filling, Pouch filling, Sterilization with wide ranges of Variants.



### Ice-Cream, Candy bar, Toffee, Confectionaries

We have a great experience in design, develop and manufacture the entire Ice-Cream, candy bar, Toffee, and all type of Confectioneries making machines and Plants. Accordingly we provide solutions for the expansions of the existing plants, greater and reliable packing methods.



### French Frise, Potato-Banana Chips, Namkeens, Snaks

We provide Turnkey Solution for French Frise, Potato-Banan Wafers and all type of Namkeens and Snaks. We along with some great manufacturers of relative machines provide complete solution with AMC for the such plants. All machines builds in Ss304 and GI material for maintaing food hygienic and organic.



### Water Treatment, Mineral RO Plants, ETP & STP

We are the leading manufacturer, supplier of Water Treatment plants for Dairy, Sugar factories and many more plats where Effluent and Sewage treatment required. We have great solutions for the Water Treatment Methods which is fully effective and economic solutions.





## Milk Tankers, Food Trucks and Commercial Kitchen Equipments

### Milk Tankers.

We are the leading Manufacturer and Supplier for Milk tankers ranges from 1000 L to 20000 L capacity. Complete built-in Ss304 and completely well designed and analysed digitally. Available in Single and Double Compartments.



### Mobiles Bulk Milk Coolers

We have a great experience in design, develop and manufacturing of Mobile Bulk Milk Coolers. This are the most popular vehicles for medium milk plants. It helps to reduces the cost of chilling centers and cools raw milk in its self travelling. Its allows to travel milk in low tempre- ture for long distance upto 3 Days.



### Food Trucks and Food Push Carts

We are the manufacturer of advanced Food Trucks and Food Push Carts in both SS and MS materials as per the demands.



### Commercial Kitchen Equipments



## Industrial Solutions

### PET/PP/Glass Bottle Making Plant.

We have supplier and Manufacturer of PET/PP /Glass bottle and Jar making plants. It will Start from the PET/PP/Silicon grains to Final product like bottle or Jar. It includes three Stations such as grain Melting, Pre-form and Tubes making then Blowing Line with having range from 1000 Bottles per hour to 10000 bottles per hour.



### Automation and Robotics

We are the developers for automation the existing Food or other product manufacturing plant for increasing productivity and reducing inline Defects. We use art-of-state designed Robotics and Control Systems that make your shopfloor standard and World-class.

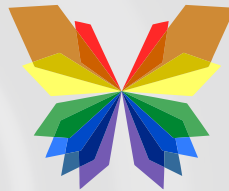
### Turnkey Solutions for Diesel Generator Power Sets and Plants,



## Industrialization and Lean Mangment

### Production, Assembly Lines with Six Sigma consultants

We are the leading Turnkey Solution provider for Manufacturing and Production sectors. We are expertise to build automated manufacturing & production lines to increase productivity and minimise defects by using high-tech Robotics and Automation systems. Along with technology we provide Lean manufacturing solutions and helps to implement in your plant for more productivity and less defects.



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