



MAHI MACHINERY



www.mahimachinery.com



WEIGH BOWL AND DUMP TANKS

Weigh Bowl

We are engaged in developing supreme quality Weigh Bowls that are used for measuring the accurate weight of milk and other dairy items. We construct these bowls using finest quality stainless steel that is corrosion free. Our product comprises of the bowl with an outlet and closing valve. The unit has slope towards the outlet for the easy drain of the milk. Further, this valve possesses rubber o-ring for leakproof closing. We also offer these bowls as per the specifications of our clients.



Dump Tank

The dump tank fabricated from SS 304 (2 thk.) will be located under the milk reception weigh bowl to collect the milk as it is released from the weigh bowl.



PLATE TYPE CHILLER

With precious understanding of this relevant industry, we are counted as top most firm of premium quality PHE System. Our plate heat exchangers are widely used for heating, cooling, pasteurizing and heat recovery in hygienic including food and beverage industries, chemical, petrochemical, oil & gas, power, energy, other industrial sectors, and marine applications. These PHE systems are developed utilizing the best quality material and advanced technology in accordance with set guidelines.



FEATURES

- Compact design
- Dimensional accuracy
- Smooth finish

MATERIALS

Plates : AISI 316, AISI 304, Titanium and most alloys

Gaskets : NBR per, EPDM, FKM and others

Frames : Stainless steel or painted Carbon steel

Extensive range of plate options





BULK COOLER OF VARIOUS CAPACITIES

Open Type Round Shaped Cooling Tanks :

Open type round shaped direct expansion cooling tank. It has large opening lids for easy access and rounded internal corners to facilitate through deaning . Tank insulation is provide by factory infected polyurethan foam of 50mm. The integral condensing unit is Hermetic type with R22 refrigerant. The condensing beneath the tank to occupy minimum space.

CAPACITY : 250 & 500 Liters



Open Type Semi Cylindrical Rectungal Shape Cooling T anks :



Open type semi cylindrical rectangular shaped direct expansion cooling tank. It has opening lids for easy access and rounded internal corners to facilitate through cleaning. Tank insulation is provided by factory injected pollyurethan foam of 50mm. The integral condensing unit is Hermetic type with R22 refrigerant. The condensing unit is beneath the tank of occupy minimum space.

CAPACITY : 500 - 1000 - 2000 Liters

Close Type Cylindrical Shape Cooling T anks :

Bulk milk cooler open horizontal that can be used for the storage and cooling of milk. Owing to features like durability and easy usage, its capacity 5000 Liters.

FEATURES

- Low running cost
- High standard of milk hygiene
- Reduced electricity consumption
- Agitator on/off switch
- Cooling on/off switch
- Digital temperature display
- 35°C to 4° C within 3 hours for 1st milking & 10° c to 4° c within 1.5 hrs for 2nd milking
- Condensing unit hermetic, 220 V single phase, 50 Hz supply
- Two milking tank design
- All SS 304



CAPACITY : 5000 Liters



PASURIZER SYSTEM

Pasteurization is the process of heating milk and then quickly cooling it down to eliminate certain bacteria. The purpose is to make the product safe for consumption and to lengthen product shelf life. We supply the best quality product by using effective manufacturing technology by following good standards. These are available at good market prices.



FEATURES

- Excellent Finish
- Highly Durable
- Affordable Price
- Reliable & Optimal
- Good Quality Raw Material
- MOC
AISI (304, 304L, 316, 316L)



MILK STORAGE TANK

Product Description:

We are offering Milk Storage Tanks that are used for storing and transporting milk from one point to another. Our milk tank is constructed using impeccable quality stainless steel, which adds to the robustness of the tank and also makes it corrosion-free and weatherproof in nature. The milk remains fresh and rich in its nutrient value during storage under the maintained temperature of the tanks. We customize these in various capacities as per the specifications of the clients.



VMST

FEATURES

- Low maintenance
- Easy installation
- Longer service life



HMST



BUTTER CHURN

We are engaged in manufacturing Industrial Butter Churns with various specifications, unique characteristics and functional requirements. Made of premium quality stainless steel, mild steel and other metal alloys these churns are used to prepare table butter. With perfect moisture control mechanism, these churns are very effective in large production of butter.



PANEER PLANT



PANEER MAKING MACHINERY



PANEER PRESS



CHEESE AND PANEER VAT





GHEE BOILER

We are engaged in supplying an extensive range of high-quality Ghee Boiler to our valuable customers. These Ghee Boilers are used for boiling ghee. These Ghee Boilers are widely used in various industries for food processing applications. High-quality raw materials are obtained at the time of manufacturing these items at our infrastructural unit. We believe in employing advanced machinery to ensure quality and reliability. Our team strives hard to complete all orders on time.



FEATURES

- Flawless finish • Ensures optimal performance
- Extensive price range • High-grade raw material
- Quality oriented • Reasonably priced

MILK SILO

We take immense pride to introduce ourselves as one of the trustworthy manufacturers, suppliers and exporters of Milk Silo Tank. The offered tank is manufactured using top grade stainless steel and is widely used in various dairies industry for storing milk.

FEATURES

- Stores milk in 4 degree of temperature for up to 24 hours
- Precise dimensions
- Sturdy construction
- Corrosion resistance
- High tensile strength





HOMOGENIZER

Homogenizer machine is used to reduce the particle size of the milk for making ice cream. If we make raw milk left to stand the fat will increase and make a cream layer on milk. The Homogenizer passes the milk with high pressure through particle surface area. There are two stages to minimize or reduce the milk particle through piston pump. The pump is operated by electric motor.

FEATURES

- S.S. 304 forging valve block
- Two stage homogenization
- Homogenization pressure gauge
- Two piston unit, S.S. 304 forging valve block
- Two piston unit, three piston unit using for variable capacity
- Suction and discharge valve stay light
- Water inlet out let connection
- All contact parts in S.S. 304
- Easy to operate and handle



AGEING TANK

Ageing Vat is the ideal Machine for Mixing & Storage of Ice Cream Mix at certain temperature level at +4 C approx. A stirrer is given for proper mixing.

FEATURES

- Compact mechanical design • Round & square design available
- Inner S.S. 2mm, Jacket S.S. 304 1.5mm, Outer S.S. 304 1.2mm
- All product parts made from S.S. 304 & castors for easy movement
- Less power consumption due to efficient refrigeration system and PUF insulation
- Top drive stirrer with easily removable to complete cleaning
- Refrigerant R-22 air cool
- Standar motor & gear box
- Easy to operate & handle



| MODEL | SMA-200 | SMA-300 | SMA-500 |
|------------------|----------|----------|----------|
| Capacity In ltr. | 200 | 300 | 500 |
| Gear Motor | 0.35kw. | 0.75kw. | 0.75kw. |
| Water Jacket | 100 ltr. | 150 ltr. | 200 ltr. |
| Shape | Round | Round | Round |
| Refrigeration | R-22 | R-22 | R-22 |
| Compressor | 1.5 ton | 2.0 ton | 2.5 ton |



CIP SYSTEM

We design and supply Mobile and Fixed CIP & SIP Units for sanitization and sterilization.

The units are custom made, modular, skid either automatic or semi-automatic models as per the requirement for cleaning and sterilization.



CIP UNIT

- CIP Tank/Tanks, Jacketed/Non-Jacketed
- Supply Pump/Return Pump
- Heater as required

WATER HEATING AND COOLING SYSTEM PHE TYPE

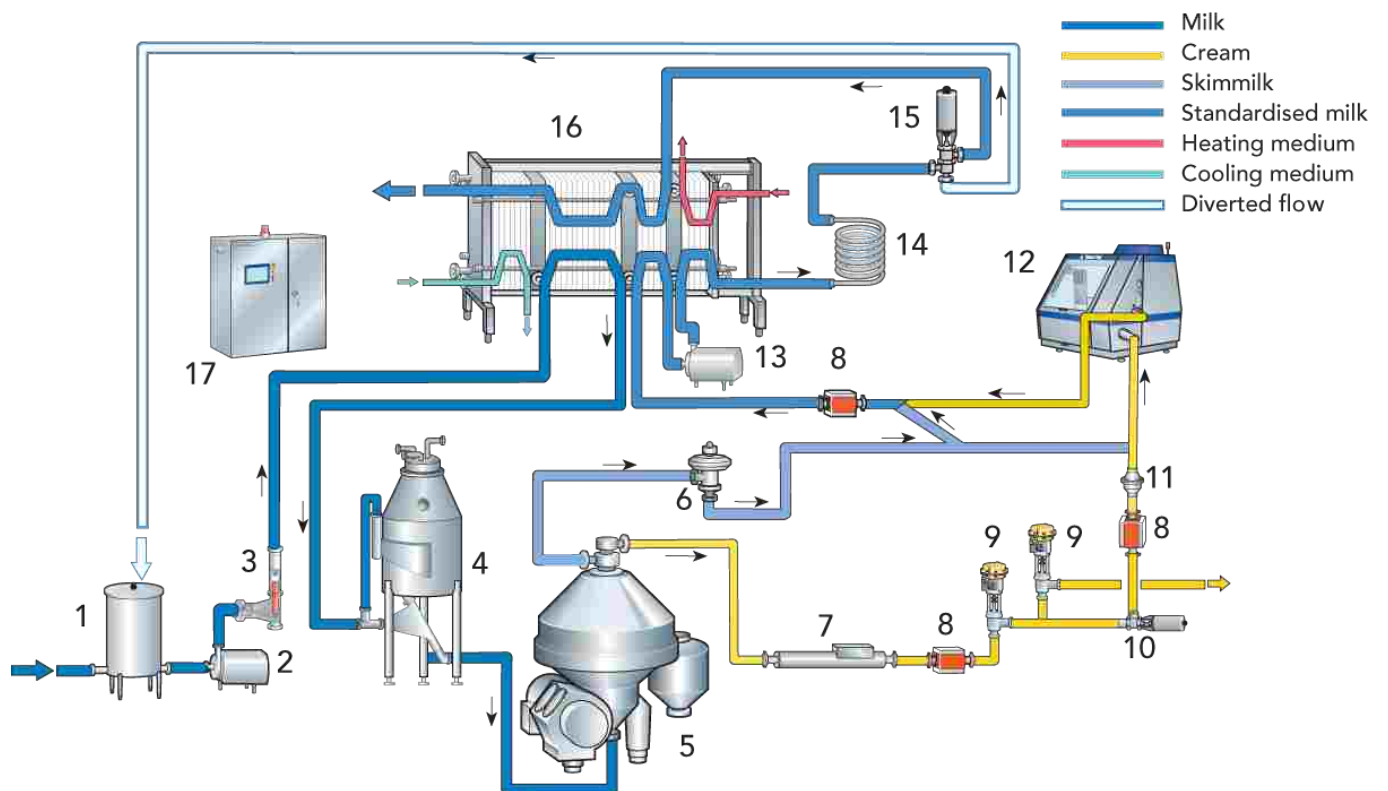




MIXING AND STORAGE TANK AND JACKETED TANK



DAIRY MILK PROCESS SYSTEM





CHILLER PLANT

Mahi is a leading in various kind of dairy chillers for end to end solutions. We are committed to provide best solution to our customers which fulfil their needs, it is specially designed for energy efficient, low noise, compact and easy maintenance which gives the excellent performance for many years. We have a wide selection of air cooled & water cooled chillers ranges from 2 TR to 60 TR.

WATER COOL CHILLING PLANT



Key Features :

- Hermetic Sealed / Semi Hermetic Scroll, Reciprocating, Screw Compressor with compressor protection facilities
- Shell & Tube Evaporator : Imported Inner grooved copper tube with higher surface area and Higher fouling factor
- Shell & Tube Condenser : Imported low inner grooved and high outer grooved copper tube with higher surface area and higher fouling factor.
- Fin & Tube Condenser : Imported inner grooved copper tube and alluminium fin with high surface area for high ambient condition.
- Availability of Customized solution
- Eco-friendly Refrigerant
- Wide Range of Water/Glycol Temperature (+20C to 40c)
- Modular Design
- Easy Operation & Less Maintenance
- Compact in size

AIR COOL CHILLING PLANT





COLD STORAGE SYSTEM

Cold rooms and storage are preservation chambers, usually assembled at the deployment site to desired dimensions and cooling specifications of the end user.

These chambers are generally built using insulating materials polyurethane foam (PUF), highly efficient & precisely designed to cater a wide temperature range from +15 °C to -40 °C, high quality doors & accessories and refrigeration units such as evaporating and condensing units specially designed for energy efficient, low noise, easy maintenance and compact size which gives the same performance for many years.

Our cold rooms are largely used in the industries like hospitality, dairy, ice cream, horticulture, medicare, pharmaceuticals, frozen products and speciality applications.

Our cold room have several benefits such as,

- Easy to assemble and dismantle
- All Side PVC gasket
- Homogeneous PUF density
- High ambient refrigeration design
- Wall to top cam-lock joints
- Fully Customized



COLD STORAGE

- Pre Cooler
- Ripening Chamber
- Blast Freezer
- Cold Storage



MAHI MACHINERY

Office Address :

08, Ambuja Soc., Nr. Shiv Shakti Soc.,
Jashodanagar Char Rasta, N.H. Road, Ahmedabad.

Factory Address :

Shed No. 4, Raviraj Industrial Estate, Mukhi ka kuwa,
Bharwad vas, Ramol Gam, Ahmedabad, Gujarat.

E-Mail : mahimachinery9878@gmail.com

Contact : Suresh Mundhava +91 9714649010, 9909415435

Ravi Patel +91 7778940072, 9924325195

www.mahimachinery.com