

S.A.R.L SINDANE IMP/EXP

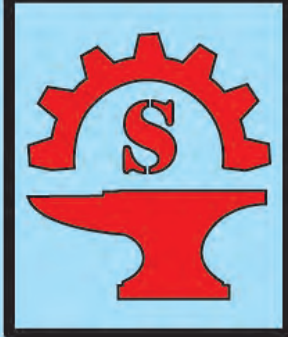
VENTE DE MACHINES INDUSTRIELLES MATERIELS DE
CONSTRUCTION ET TRAVAUX PUBLICS ETUDES ET CONSEILS.

Coordonnées:

SIEGE SOCIAL: CITE AYATA MOULOU D LOC N°01 MANSOURA BORDJ BOU ARRERIDJ ALGERIE
TEL/FAX: 035 730 174 / MOB: 0 669 450 702 / EMAIL: SINDANE34@HOTMAIL.FR

500 LITERS PER HOUR MILK PRODUCTION PACKING LINE (COW MILK AS RAW MATERIAL)



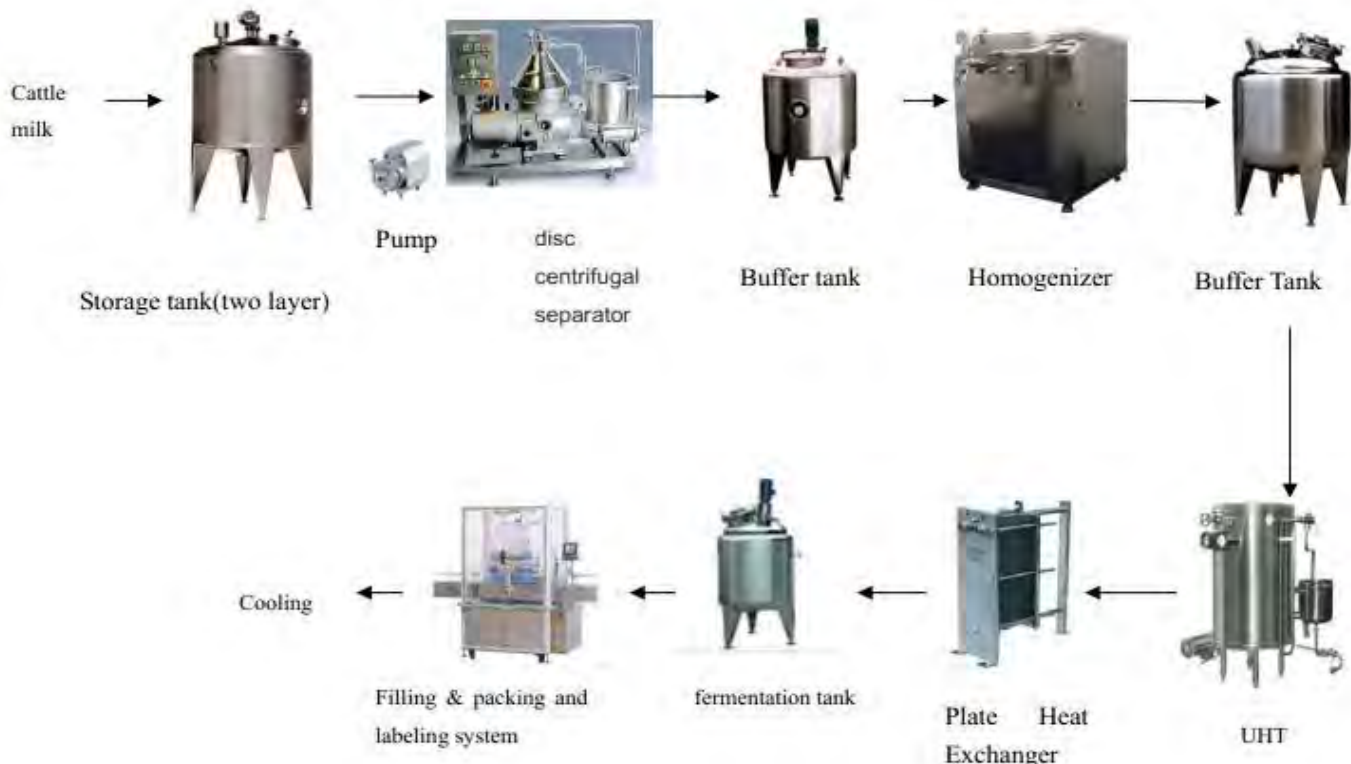


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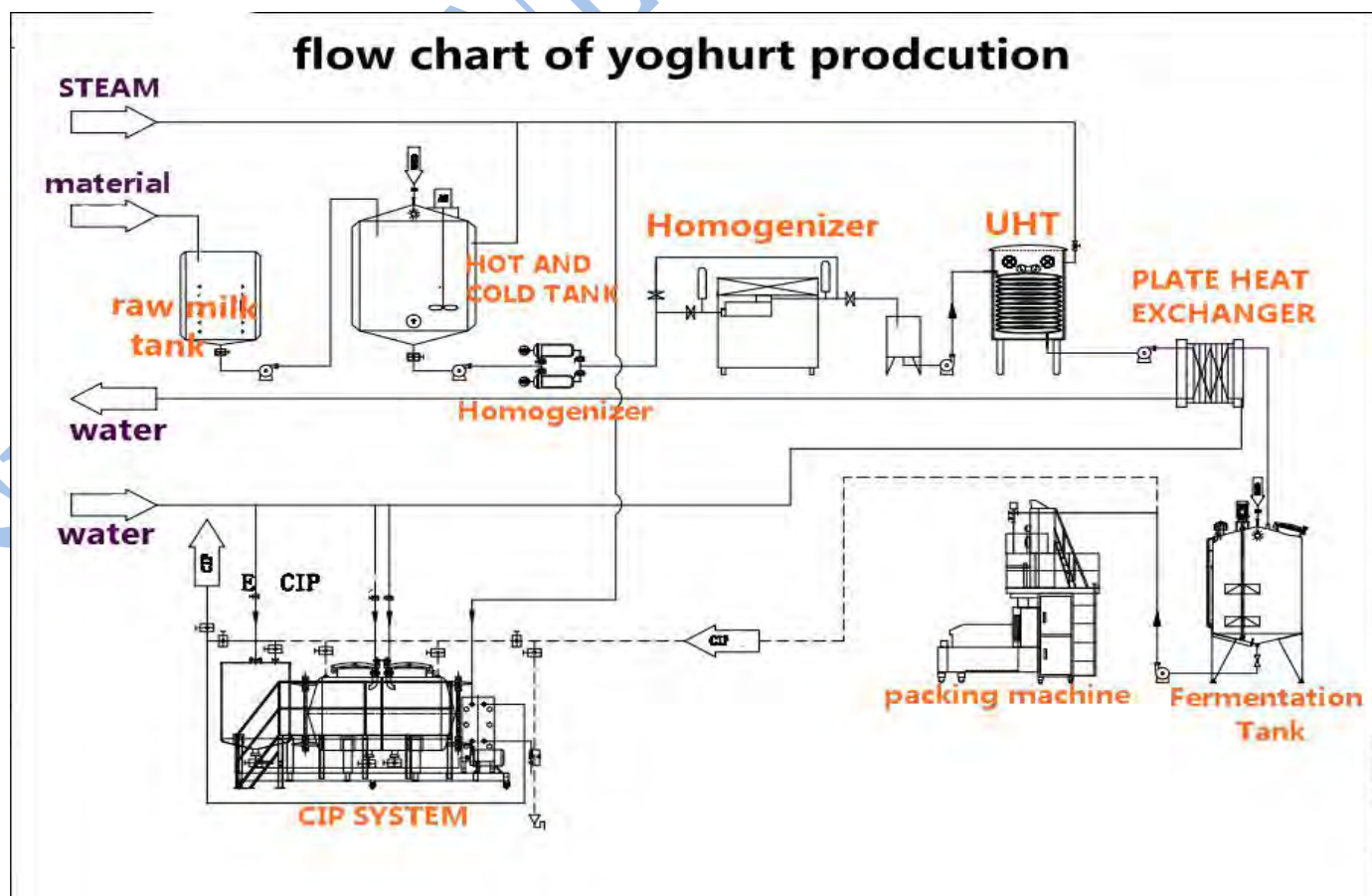
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flow chart of yoghurt production



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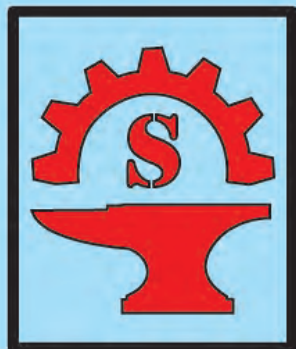
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Quotation part:

NO.	NAME	SIZE	QTY	U.P.	T.P.
1	MILK RECIVING TANK	300L	1	1	1
2	HOT AND COLD TANK	PRL-600L	1	1	1
3	Double filter	0.15m ²	1	1	1
4	Homogenizer	200L	1	1	1
5	UHT STERILIZER	1T	1	1	1
6	PLATE HEAT EXCHANGER	5m ²	1	1	1
7	Health pump	ZWP-3T/H	5	1	1
8	Steam boiler	0.3T	1	1	1
9	Fermentation Tank	FXNR-200L/H	1	1	1
10	Milk punch packing machine	KS-500	1	1	1
11	PIPE& FITTINGS	Ø25	1	1	1
12	CIP	300	1	1	1




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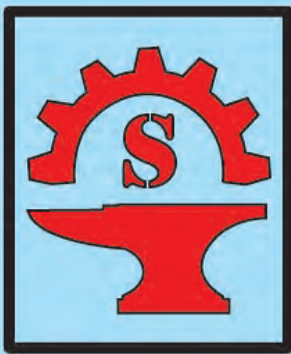
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SPECIFICATION OF MAIN MACHINE FOR REFERENCE:

NO.	Items	Model	Unit	Qty/PHOTOS
	HOT AND COLD TANK	TOP-001	SET	1
				
	DOUBLE FILITER	TOP-003	SET	1
				
3	STORAGE TANK	TOP-004	SET	1



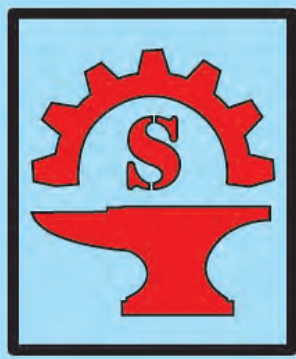
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<p>Which used to storage and mix the soy milk. the detail data as following:</p> <ol style="list-style-type: none"> 1)-Type: vertical 2)-Material: stainless steel, Inner Steel Thickness: ≈ 4mm, Out Steel Thickness: ≈ 1.5mm 3)-Capacity: 600L 4)-Which include the measurement for liquid, 45° manhole, thermometer, CIP cleaning head. 				
4	HOMOGENIZER	TOP-005	SET	1
<p>It is applied to the homogenization and emulsification of liquid material (liquid-liquid phase or liquid-solid phase) with viscosity below 0.2Pa.s and temperature lower than 80° C. These materials include dairy food, beverage, cosmetics, medicine and so on. the detail data as following:</p> <ol style="list-style-type: none"> 1)-Rating Voltage: 380V/220V 2)-Power: 7.5Kw 3)-Material: Stainless steel 4)-Out Size: 1100*676*1065mm (LXWXH) 5)-flow rate: 500L/H 6)- Max Pressure: 25MPA 				
5	UHT	TOP-006	SET	1
<p>This is UHT Pipe wind-round Type Full Automatic sterilizing machine. This equipment is widely used for high temperature instant sterilization of the liquid material such as soy milk, milk, fruit juice and every kind of beverage etc, the characteristic of very short heating time which cause little nutrition loss make it an ideal small sterilizer. the detail data as following:</p> <ol style="list-style-type: none"> 1)- Rating Voltage: 380V/220V 2)-Capacity: 1000L/h 3)-Material: Stainless steel 4)- Sterilization temperature : 115~135°C 5)-The machine include following device: designated pump for materials, balance barrel, heater, double cover coil heat exchanger, temperature-controlling and recording instrument (optional), electrical control system (optional) and etc. 6)- Steam pressure: <0.78MPa 7)- Tolerate time of high temperature : 4~6S 8)- Inlet material temperature: <45°C (with cooling pipe) 9)- Outlet material temperature <65°C 10)-Consume of steam: <0.15Kg/L material 				
6	PLATE HEAT EXCHANGER	TOP-007	SET	1



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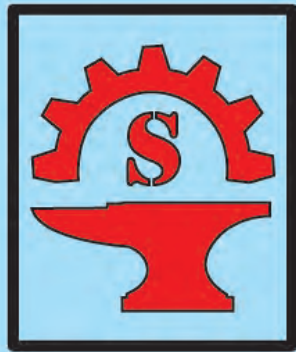
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<p>Plate heat exchanger will heat with high efficiency, small size, light weight, compact structure, flexible operation, Assembly and Disassembly cleaning convenience, long service life, easy maintenance and so on. A wide range of applications, pressure loss in the same cases, the transfer coefficient higher than those in-tube heat exchanger 3-5 times the area of the third tubular heat exchanger, heat recovery rate of up to 90%. Village selection of high quality imported stainless steel plate material.</p>					
7	Milk tank	TOP-008	SET	1	
<p>Direct milk cooling tank is a modern dairy farm, milk collection stations and dairy processing industry is an important production tool. Milk first process, cooling preservation, which is guaranteed to improve the quality of dairy products have played an important role. Squeeze milk milk temperature at about 32-35 °C, bacteria multiply quickly, need to cool down in 3-hour period to a safe temperature of 4 °C, to be effective in inhibiting bacterial growth, ensuring high-quality milk. the detail data as following:</p> <p>1)-Type: horizontal 2)-Material: stainless steel 3)-Capacity: 300L 4)- refrigeration capacity:5020W 5)- stirrer speed:36rpm 6)-power:1.2kw</p>					
8	HEALTH PUMP	TOP-009	SET	5	
<p>Which used to convey the liquid which temperature below 80°C, The detail data as following:</p> <p>1)-Flowing Capacity: 3T/h, distance:15Meter 2)-Power:0.75Kw, 3)-Rotator Speeding: 2840rpm 4)-Out Size: 380 × 350 × 260mm(LXWXH) 5)-Material: Stainless Steel 7)-Capacity: 3T/H</p>					
9	PIPE AND FITTINGS		SET	1	
<p>Elbow, pipes and valves and so on</p>					
10	CIP CLEANING SYSTEM	TOP-010	SET	1	

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The product is suitable for CIP cleaning of the material pipes and containers in dairy products factories, as well as cleaning of the material pipes and equipments in brewery factories, beverage factories and general foods factories.

In the equipment, a compelled cycling process of cleaning liquids is achieved by centrifugal pump through material pipes and containers during the cleaning process. Therefore, the pipes and equipments need not to be disassembled, which improves the availability of equipments and reduces labors' working burden greatly. As a conclusion, this product is a type of advanced cleaning equipment.

The specific usage of this equipment must be associated with the layout of equipments and pipes in workshops, as well as the cleaning nozzles.

the detail data as following:

1. Operating pressure:

A. Container: liquid column static pressure

Heat exchange pipe: $< 0.4\text{Mpa}$

2. Operating temperature:

A. Liquid trough: $60-80^{\circ}\text{C}$

Clear water trough: room temperature

Heat exchange pipe: $< 138.8^{\circ}\text{C}$

3. Materials:

A. Storage trough: 0.5% nitric acid liquid, 2% caustic alkali liquid

Heat exchange pipe: clear water vapor

4. Total capacity:

A. Acid, alkali liquids trough: $2 \times 0.1\text{m}^3$

B. Cleaning trough: 0.1m^3

5. Loading coefficient: 80%

6. Container type: normal pressure container

7. Number of cleaning procedures: 2

8. Each cleaning period: 120 minutes

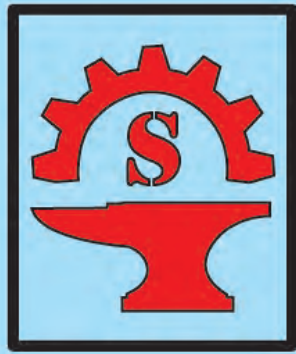
9. Cleaning liquids supplying sequence: clear water - alkali liquid - clear water
- acid liquid - clear water

10. Centrifugal pump input and output screw thread: T55x3(Dg40)

11)- Material: Stainless Steel(SUS304)



10	FERMENTATION TANK	TOP-011	SET	3
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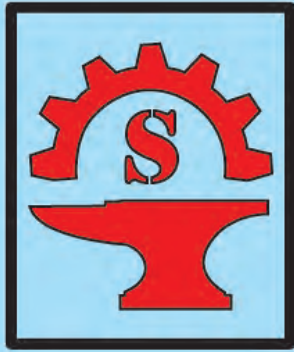
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<p>Fermentation tanks are energy saving, corrosion resistance, and strong capacity, easy to clean, simple structure, etc., mainly used for dairy products and fruit and vegetable juices, beverages, food and other elements and a variety of drugs in line with the role even after the mixing. Is to create dairy, beverage, pharmaceutical companies can not be a lack of equipment.</p> <p>the detail data as following:</p> <p>1)-Capacity: 200L 2)-Power: 0.75kw, 380V 3)- Rotator Speeding: 36r/min 4)- Inner Steel Thickness: &=4mm, middle Steel Thickness : &=3mm ,Out Steel Thickness: &=1.5mm 5)-material:SUS304</p>				
11	CUP PACKING MACHINE	TOP-012	SET	1
<p>The machine uses stainless steel for various shapes of plastic cups for liquid filling and sealing. The series can be done automatically filling, sealing, trimming, date printing, UV sterilization and automatic drop cup and many other features. Can be customized to your specific needs.</p> <p>1)-Power: 3.5kw, 220V,50HZ 2)-capacity:32-64 cups/min 3)- Temperature control range:0-300°C 4)- out size:2360*820*1550mm 5)-weight:450kg</p>				
12	Auto liquid packing machine	TOP-013	SET	1



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It is widely used for various kinds of liquid packaging. Such as milk, soybean milk, fruit juice, beverage, ice drink, soy sauce, vinegar and wine. It uses single lay film PE as packaging materials. It can be auto sterilized by ultraviolet radiation, bag molding, printed the code, precisely filled, sealed and cut at one time.

This series has been long-tested and its performance enjoys a very high reputation from our clients that this series is simple to operate and run smoothly with low failing rate.

the detail data as following:

1)-capacity: 1300b/h(Filling drinks, soy, milk, soy sauce, vinegar, etc.)

1500-2200b/h(Filling drinks, mineral water, etc.)Two kinds of variable-speed pulley swap.

2)-capacity packing: 200—500mlBags (Stepless adjustable, customizable 1000-1200ml / BAG)

3)-Filling Accuracy: $\pm 1\%$

POWER: motor:0.37KW、Vertical Heat 0.3KW、Horizontal Heat 0.5KW、灯 Ultraviolet radiation sterilization light:15W. Votage:AC220/50Hz or AC380V

WEIGHT: 420KG

SIZE: 950X 850X 1900mm



Installation and Start-up

Supervision to installation

Supervision and assistance during installation shall be carried out by qualified SINOTOP MACHINERY technicians, helped by customer's technicians. Customer shall provide the unskilled labor, the necessary equipment (forklifts, cranes, tools, bottles of oxygen and acetylene, welding units, etc.) as well the skilled staff required to help our technicians during the assembling of the machinery delivered by SINOTOP MACHINERY. SINOTOP MACHINERY will complete the installation within max 6 to 8 weeks.

Technical assistance and training during plant start-up

SINOTOP MACHINERY will send technicians to customer's site, during their stay these technicians will start-up the Line, train the Customer's technicians and assist the Customer's personnel in Plants running. The assistance lasts for max 2 weeks.

Travel, board and lodging costs

The customer will pay USD 80 per day for every SINOTOP MACHINERY's technician and be responsible for the following costs, born during our technicians' stay:

- Travel costs, for SINOTOP MACHINERY's technicians, from and to your Country.
- Board and lodging (good standard level)
- Local transport means
- Phone and fax facilities to contact our Company

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