



ISO 9001:2015

# KUSH ENTERPRISES

[www.kushtechiez.com](http://www.kushtechiez.com)



**Mfr & Exporter:**

**Food Processing  
Plant**

**Packaging Machines**

**Conveyor System**

**Designing  
&  
Fabrication**





# Food Processing Plant

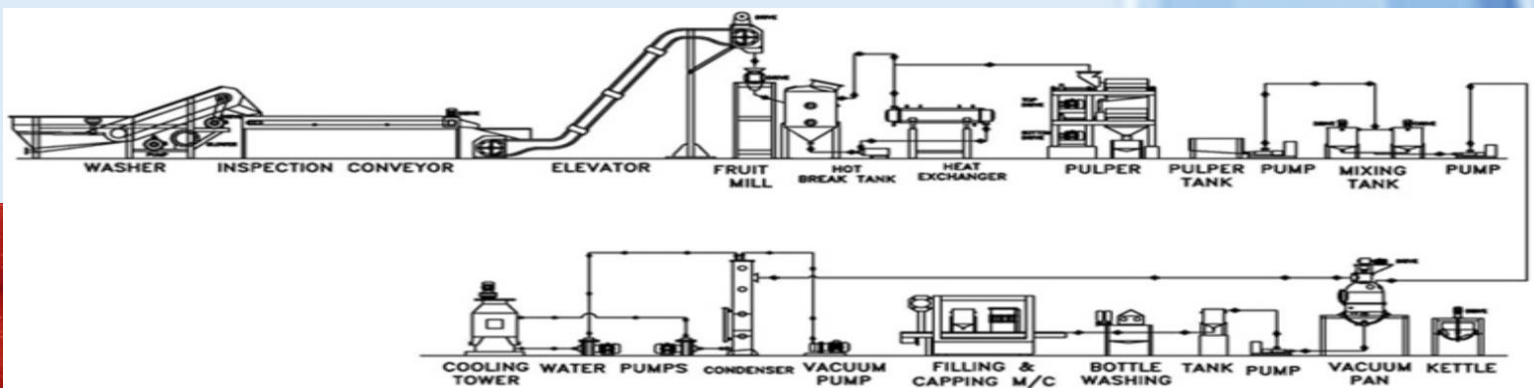
## Frozen Line For Fruit & Vegetable

Frozen line is used to peeled, washed inspected & sorted the product. After moving out of this process the fruits & vegetable Frozen line issued to peeled, washed inspected & sorted the product. After moving out of this process the fruits & vegetables are blanched at desired temperature. After blanching the product is cooled & then passed through freezing tunnel .



## Tomato Processing Plant

Tomatoes are usually processed for paste and the processing line mainly includes five parts: fresh tomato receiving, pre-washing and sorting section; extracting section; concentrating section; pasteurizing or sterilizing section; aseptic filling section. It is mainly composed of discharge system, hydraulic convey system, bucket elevating, washing and sorting system, crushing system, pre-heating system, pulping and refining system, evaporating & concentrating system, sterilizing system, aseptic filling system. Tomato paste in aseptic drum can be further processed to ketchup, sauces, juices in tin can/bottle/pouch, etc.





# Food Processing Plant

## Fruit Juice & Beverage Line

We cover any number of fruits like grape, pineapple, pomegranate, mango and other stone fruits and tropical fruits processing to produce fresh cloudy or clean juice, juice concentrate and puree. From preparation to preservation, conveying and packaging, our comprehensive range of technologies captures the freshness taste, texture, appearance and nutrition of fresh fruit and vegetable products. The appropriate combination of processes and equipment depends on various raw materials, but some steps are common to different processes.

### RTS JUICE PROCESSING MACHINE



## Soya Milk/Tofu Making Machine



**Soya Milk**

Soya milk is an inexpensive and remarkably versatile high protein food made from soya beans. It is a white liquid made from the seed. Unlike most other protein foods, milk is entirely free from cholesterol and low in fat (Specially saturated fats). The quality of protein is as high as that found in chicken. It is also good for dieters as this contain low calories. Soya milk and its derivatives are the cheapest source of protein, its derivatives tofu (soya paneer) makes tasty dishes like matar paneer, palak paneer etc. and snacks like soya burger, patties, sandwiches, pakoras etc. and also used in desserts.



**Soya Milk Cooker**



**Soya Grinder**



**Soya Milk Maker**



**Tofu Press**



**Tofu**

Tofu, also known as soya curd, is a soft cheese-like food made by curdling soya milk with a coagulant. Tofu is a rather bland tasting product that easily absorbs the flavour of the other ingredient.

# GINGER PROCESSING EQUIPMENTS

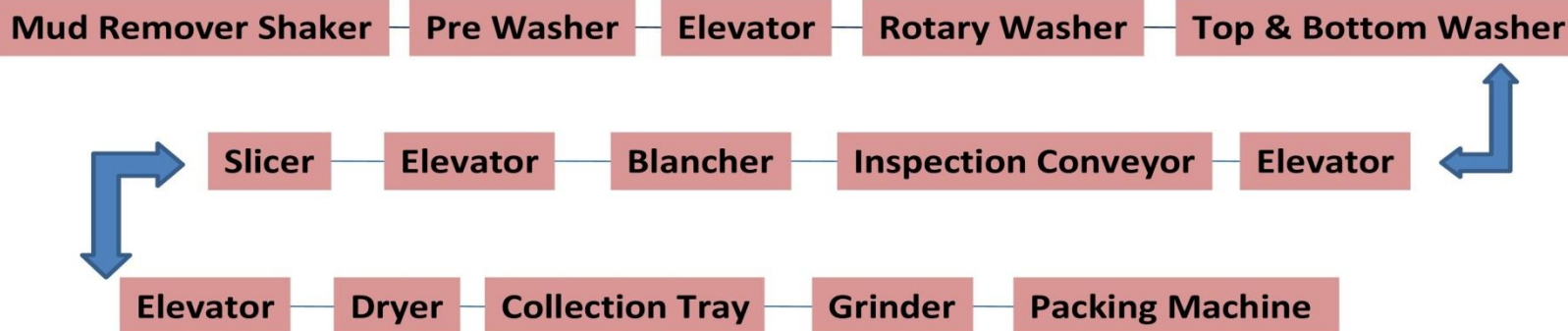
We manufacture and install Ginger processing Plant & Machinery for Ginger Paste, Flakes, Powder etc.

We supplied ginger & turmeric processing equipments such as Ginger Washer, Conveyor, Slicing, Extraction/ Crushing, Pasteurization, Drying, Filling & Packaging.

Ginger processing line starts from 100 Kg/Hr to 15 ton/hour with different level of automation and different feeding systems of Ginger.

Can be used to make as Ginger Paste, Ginger Powder, Ginger Flakes etc.

## GINGER PROCESSING LINE



## Our ginger processing machinery performs several key functions including –

- \* Sorting of raw ginger
- \* Ginger blanching
- \* Cooling and heating
- \* Ginger slicing
- \* Pasteurization
- \* Ginger crushing
- \* Ginger filling and packaging
- \* Ginger washing





# Food Processing Plant

## Pea Podder

We are engaged in manufacturing an advanced range of pea podder that is fabricated with high graded raw material to ensure high efficiency and smooth functionality. Available in different sizes these pea podders can also be customized within stipulated period to suit the diverse requirements of the clients.



## Pulper

We manufacture Fruit Pulper with capacity between 500 to 5000kg /Hr depending upon type size and quality of the product to be pulped. Designed out for extracting pulp of most fruits & Vegetable pulper is available in the different categories



## Fruit mill crusher

The fruit mill is utilized to crush any fruit & vegetable, before putting the same into Pulper or hydraulic press to extract juice. This ensures more recovery of juice and less load on machine extracting juice. This also saves time comparing to extracting juice out of fruit & vegetable when directly fed into Pulper or hydraulic press or any other equipment to extract juice.



## Cone blender

Mixing is one of the most common operation been used in different industries like pharmaceutical, food, chemical, cosmetic, detergent, fertilizers etc. This is been done in order to produce uniform bulk mixture as each unit contains the same proportion of each ingredient. And hence, double cone blender is been used for mixing dry powder and granules homogeneously.

## Pulverizer

Pulverizer are designed to provide high-speed fine crushing to make products with uniform grain size at an extremely large capacity. Automization is attained by swing hammers attached to a rotating disk which rapidly rotate at a rotating disk at a distance of one mm inside a fixed lining plate to cause impact, grinding



## Batch Mixer

Capable of blending together all of your dry/wet products, the dry mixer offers a unique spiral action ensure complete mixing and heavy discharging doors for easy unloading.

## Hydraulic Juice Press Machine

We offer a wide range of Hydraulic juice press Machines, which is manufactured to extract Amla juice. Our Machines are available in various capacity and size to meet the varied needs of the clients. Juice Machines extract fine Amla juice in the minimum time without seed residue



# Food Processing Plant

## Cooking Kettles



It is very fine for cooking of pulp or juice or making sugar Syrup/ brine solution. Made from stainless steel 304 the Kettle is 2/3rd jacked for uniform distribution of the heat. The Tilting of Kettle facilitates easy pouring of the preparation.



## Amla Punching Machine

This Amla Punching Machine punches two Amlas at a time. Amla is punched through holes of 4 mm dia. that is done without breaking seed. All contact parts and all covering Stainless steel 304. Aluminum dies.

## Amla Shredding Machine



## Boiled Amla Breaking Machine

Our Amla Shredding Machine is highly efficient as it shreds the seeds from Amla without cracking. Amla Shredding Machine is commonly used in food processing units and cosmetic manufacturing industries. We offer high quality Amla Shredding Machine.



## Vegetable Cutting Machine



Only completely boiled cultured amlas in hot condition be used and fed into machine. Seeds and Amla slices come out together and can be separated by hand easily. These slices are used for making amla petha (Manuka - Candy.)

## Potato Peelers

We present a range of Potato Peeler which is intricately designed to suit the demand of various industries. Our range of peeler peels large quantity of Potatoes efficiently and widely used in food Industries, Hotel and Restaurant. During the peeling process, it drains the water and peel waste. Some of the salient attributes of Potato peeler are as follows: Perfect design, Long functional life, Silent operation Easy maintenance.



## Cubing Machine

Dicing and Cubing machines are suitable for making cubes from papaya, carrot, apple pear, raddish etc. this machine will get the cube of desired size of 5X5 mm or 10X10 mm. The machines are available in standard capacity of up to 1 ton /hr This machine used alluminium, magnesium alloy and stainless steel material corrosion resisting and look enquiry.

Our canning retort is very suitable for sterilization of cans and bottle after sealing. The pressure cooker of our canning retorts is mfr from compressed mild steel plates. We offer our canning retort with pressure gauge safety valve and other necessities







# FRUIT AND VEGETABLE PROCESS EQUIPMENTS



**Potato Washing and Peeling**



**Bubble Washer Batch Type**



**Root Veg Washer**



**Bubble Washer Online**



**Brush Washer**



**Leafy Vegetable Washer**



**Rotary Washer**



**Top & Bottom Washer**



# FRUIT AND VEGETABLE PROCESS EQUIPMENTS



**Tray Dryer**



**Air Dryer Conveyor**



**Inspection Conveyor**



**Ribbon Blender**



**Elevator**



**Weight Grading Machine**



**Roller Grading Machine**



**Dewatering Shaker**



**Ginger Slicer Machine**



# Fabrication & Designing Section

## C.I.P

CIP clean-in-place system is widely adopted in the beverages processing equipment to use the electrical heat and the cleaning media of hot water , acid and alkaline to clean the highly sealed inner tank of the machinery and the pipe line for an effective surface cleaning to remove the deposits to keep the beverages processing equipment in the upmost condition of best performance.

Features:

- Construction material for the tanks uses industrial grade stainless steel
- Vertical type C.I.P system with independ acid, alkaline, and hot water tank
- Fully automatic control system
- Compact design that saves operating space
- External piping and circulating system that saves energy



## Cooling Tunnel



The automatic spraying washing cooling tunnel is designed for multiple purpose of usage for the bottled beverage for bottled CSD drink to recover the temperature from lower degree to a higher degree, and for bottled hot-fill juice to decrease the temperature to the room temperature for the secondary labeling and packaging purpose.

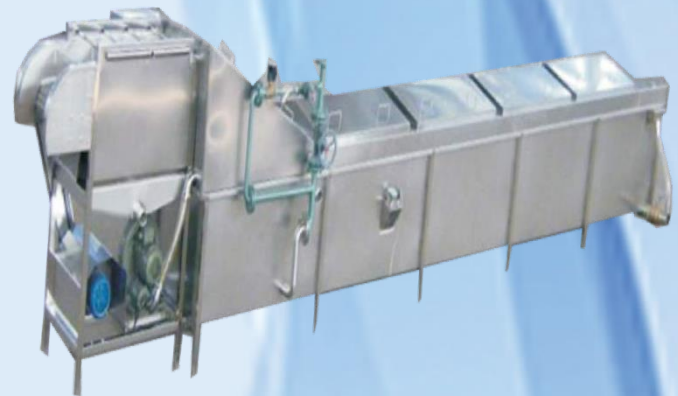
A three-stages hot-water spraying washing, warm-water spraying washing, and cooling water spraying washing process is designed for the hot-fill juice bottling production line , which is widely used in the juice bottling industry with high working efficiency

## Blancher Belt

Belt blanchers are basically used for the purpose of blanching the vegetable and fruit in bulk quantity in industrial purpose. These belt blanchers are provided with conveyor belts which enhance its efficiency and allow it to product more quantity of out put for blanching processes

Feature:-

- 1.Excellent finishing
- 2.High efficiency
- 3.reliable and efficient
- 4.super construction



## S.S. Tanks All Types



we are actively involved in manufacturing and supplying top quality of SS TANKS. Our tanks is extremely required in various food processing plants for its excellent capacity , strength And durability . This tank is especially based on our clients requirements as to capacity, size and dimensions

Features:-

- Easy operation
- Low maintenance
- Excellent durability



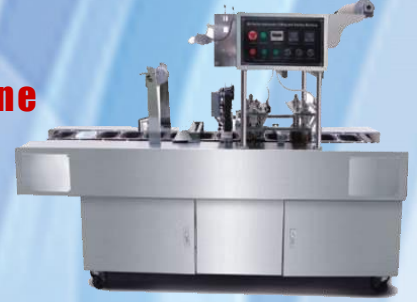


# Packaging System & Solutions



## Automatic Cup Filling & Sealing Machine

This machine is used for automatic filling and sealing of PP/HIPS cups. this Machine is well accepted in market due to its easy operation. and smooth production & low failure rate



## Automatic Liquid Packing Machine



Filling Range :200-600ml.  
Film Width : 240/320mm  
Capacity : upto 2200 Sachets per hour  
Power : 220V50Hz-1.6KW



## Automatic Shrink Packing Machine



Chamber Size : 2700 x 450 x 300mm  
Packing Speed : 15-20 packs/min.  
Power :380V50Hz-20KW



## Head Sealers



Sealing Length : upto 650  
Sealing Width : 2.5 mm  
Heating Time : 0.2-1.5 sec.  
Power : 220V/50Hz-300 -600W

## Vacuum Packing Machine Single Chamber



Chamber Size : 420 X 440 X 115mm  
Packing Speed : 1-4 Pcs/min.





# Packaging System & Solution

## Manual Paste Filler



### Specification

Model No : KE- PN100
Capacity upto: 10 Pcs/min
Filling range 200ml To 1000ml

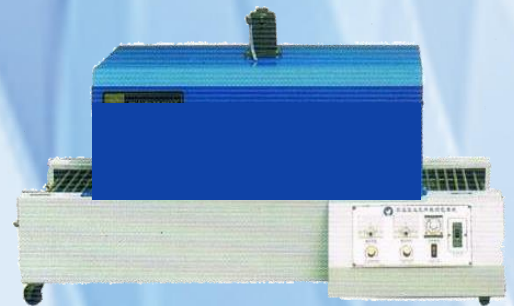
### Specification

Model	KE - AB100	KE - BB100	KE - AA100
Voltage	220V/3PH50-60Hz	220V/3PH50-60 Hz	220-240V/3PH50-60Hz
Power	7.5KW	7.5KW	2kw Adjuster
Tunnel size	800*400*200mm	830X400X200mm	
Conveyor speed		0- 10m/min	0-15m/min
Conveyor loading	5kg	5kg	25kg
Machine size	1310X720X880mm	1330X790X800mm	
Machine Weight			95kg
Shrink film		POF,PVC,PPPE	
Max Sealing Size			550X450mm

## Single Head Pneumatic Filler



## Thermal Shrink Packaging Machine



## Horizontal Film Sealing Machine

## Continuous Film Sealing Machine

This series sealer has the function of continuous carry, sealing in operation and able to be horizontally, vertically and with stand, the machine adopts electronic constant temperatures mechanism and steeples speed adjusting transmission mechanism, it can seal plastic films of Various Materials



## Vertical Film Sealing Machine

## Hand & Foot Impulse Sealer

This series possess all functions and peculiarities of the simple foot sealing machine .It can be used to adhere polythene ,poly propylene and multi-layer compound plastic ,up and down adjustable stuff capping rack, can be used to seal paper bag when heated from top & bottom earning high efficiency and is irreplaceable by other sealing machine

## Hand Impulse Sealer

This series sealer is easy to be operated with the heating time adjustable to seal various plastic films, it starts working just by turning on the power supply



## Foot Sealing Machine





# Fabrication & Designing Section



**Semi Automatic Bottle Filling Machine**



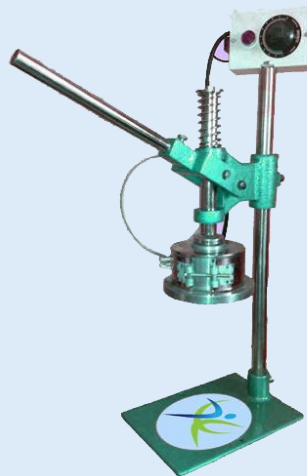
**Bottle Washer**



**Multi-Purpose Capping Machine**



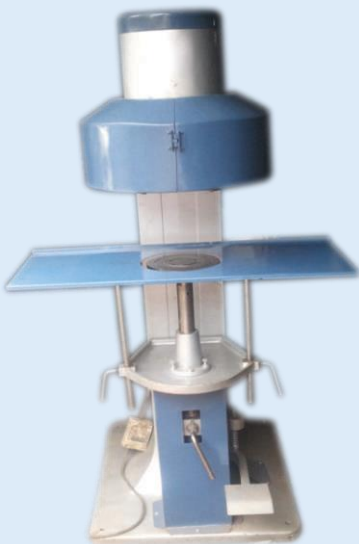
**Crown Capper**



**Pneumatic lugcap Sealing Machine**



**Aluminum foil Sealer**



**Can Seamer**



**20 Liter Jar Washing Machine**



**Filter Press**



**WATER TREATMENT PLANT (R.O)**



**Storage tank**



**20 LTR Automatic jar Filling Machine**



**Timer Filler Machine**







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