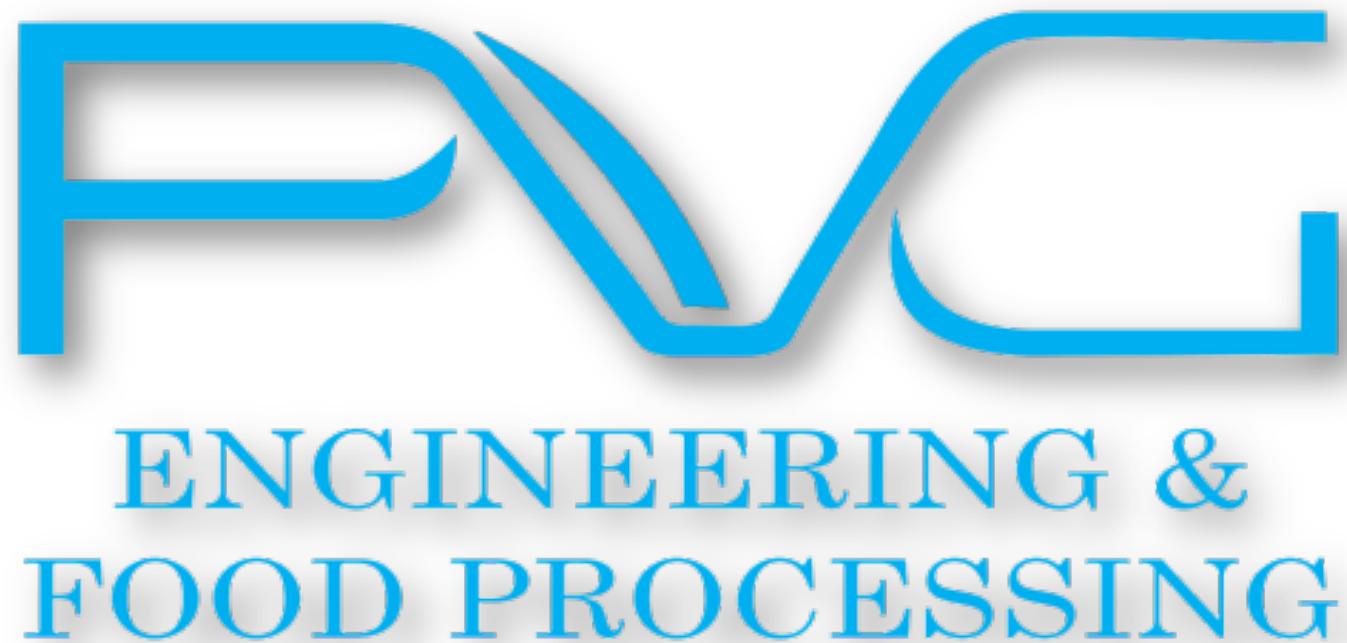


# **PROVEG ENGINEERING AND FOOD PROCESSING PVT.LTD.**

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<https://provegengineering.in>



## **About us**

We are a professional business entity engaged in designing, engineering, manufacturing, supplying, erecting and commissioning of an array of vegetable and fruit processing pretreatment line, hot air dryers, vacuum freeze dryers, IQF, extruded food machineries, baked food machines, candy, chocolate machines, industrial mixers, nut and grain shelling, hulling , grading, sorting and cutting machines, packaging solution. Our expertise resides in turnkey plants which we can assemble at client's site with ease.

From humble beginnings in year 2006 as Techno Engineers & consultants, now at PROVEG we have emerged as a strong partner to our customers serving them with need based solutions at affordable prices while never compromising on the quality of our equipment

Headquartered in Pune, we have a local presence in Chennai. In addition, we have a well-equipped manufacturing & testing facility on the outskirts of pune to give our customers the opportunity to test and validate their products with our solutions. Our manufacturing facility is also the authorized unit for manufacturing Shakers from Key Technologies.

## **Our strengths**

- End to end solutions for food processing
- Highly skilled after sale service support
- 15 years of experience in automation of various International & Regional snack food products.
- We provide full solution right from procurement up to delivery of equipment to your doorstep, commissioning, handovering and backing it with technical support for life long
- Fully automatic solution for our machines

## **Turnkey Project Solutions**

At PROVEG we offer turnkey project solutions, from concept to commissioning, layouts to detailed engineering, thus incorporating a variety of technical and non-technical services and processes. Our service helps you get exactly what you want without stretching your limits. We offer turnkey solutions for all our products. These projects use compact space and reduce manpower utilization producing high quality. At PROVEG, we value your time and have a shorter implementation schedule. We focus on quality and have the ability to train your manpower. Our process expertise allows us to successfully understand client need and suggesting them the best upgraded technology Our machines are capable of efficiently meeting the demands of customers with most automatic and man powerless manner

## **Scope of work**

We Offer Following services for turnkey projects solutions

- Process knowledge.
- Spot field survey and selection capacity of the plant.
- Preparation of Feasibility and Project Report.
- Quotation / Budget presentation.
- Drawing with full Technical details and specification.
- Building design, Machine foundation with its complete layout in your site map.
- Selection of Machines, Material and Man Power (Erection and Fabrication team)
- Electrical installation.
- Selection of electronic instruments and complete plant Automation

- Laboratory Equipment and its installation.
- Manual for plant Operation & Maintenance.
- Training programme to staff and workers
- Annual maintenance contract

## **Erection & Commissioning Team**

We undertake the installation & erection service of complete production line for all our products and we help our clients to maintain their machinery for lifetime. Our expertise in product designing, fabrication and erection has made us a preferred business associate for many food processing units across India as well as overseas. We offer our clients a wholesome engineering support for erection of all our products machines.

- We have a dedicated site Erection & Commissioning team with a capability to provide you the on-site facilities
- We have separate project teams consisting of professional designers, technicians and engineers.

## **Panel of Experts**

PROVEG is empowered with more than 1.5 decades of experience as a food processing solution provider with several panel of experts. Our technicians form a guild of Consultants of several food processing Industries in India and abroad. Together, we offer world class consultation pertaining to food processing plant & equipment for Food processing industries. Our accuracy, in-depth domain knowledge and cutting-edge innovation has placed us ahead of our competitors.

## **Food Processing Plant**

- We offer a wide range of food processing plant & machinery on both turnkey basis and on individual machinery basis.
- Our solutions are capable of meeting the application demands.
- Our semi-automated and fully automated high-speed systems also help in dramatically cutting material handling costs in involved applications.

# Product list

- **Vegetable & fruits pretreatment line**
  - PVG-SP-I model pre-treatment production line
  - PVG-SP-II model pre treatment production line
  - Washing equipment
    - High pressure washing machine
    - Roller washing machine
    - Bubble washing machine
    - Multi-functional washing machine
    - Roller brush washing machine
  - Blancher
    - Spiral blanching machine
    - Basket blanching machine
    - Chain blanching machine
    - Spraying blanching machine
  - Winnowing machine
  - Hair removing machine
  - Ice water pre cooler
  - Roller grader machine

- Peeling machine
- Cutting machine
- Sorting machine
- Vegetable & fruits dryer
  - Hot air dryer
    - Vegetable belt dryer
    - Tunnel dryer
    - Swirl type dryer
  - Cold air dryer
  - Box type dryer
- Freezing & vacuum freeze drying
  - Freezing
    - Blast freezer
    - Plate freezer
    - IQF freezer
    - Spiral freezer
    - Tunnel freezer
  - Freeze drying
    - Vacuum freeze drying
- Extruded food
  - Extruded food processing line
    - 2D pellet process line

- 3D pellet process line
- Bread cromb process line
- Breakfast cereal food and corn flakes
- Cheetos, kurkure nik naks process line
- Direct puff, core-filling snack process line
- Doritos, tortilla chips process line
- Floating & sinking fish feed processing line
- Fried wheat flour puff snack process line
- Nutrition rice, artificial rice processing line
- Nutritional powder process line
- Pet food process line
- Popcorn process line
- Textured fiber vegetarian soya protein process line

- **Auxiliary machines**

- Air flow puffing machine
- Double-screw extruder
- Dryer
- Flaking machine
- Flavoring machine
- Fryer
- Kurkure machine

- Lab twin screw extruder
- Single screw extruder
- Steam twin screw extruder
- **Fryers & ovens**
  - **Continuous fryers**
    - Batch fryer
    - Continuous fryer
    - Diesel dryer, steam dryer, high temperature inflated oven, electric dryer
  - **Ovens**
    - Deck baking oven for bread cakes
    - Far infrared tunnel electric oven
    - Gas tunnel oven
    - Rotary baking oven rack oven for bread, cake, biscuit
- **Food dryers**
  - Steam dryer
  - Microwave dryer
- **Automatic seasoning machine ,blending machines**
  - Double roller flavoring line
  - Eight square seasoning machine
  - Single roller flavoring line
- **Baked food products line**

- **Biscuit**

- **Biscuit processing line**
  - Filled biscuit production line
  - Full automation cookie biscuit production line
  - Small bun production line
  - Soft biscuit french bread hamburg production line
  - Soft hard biscuit production line
- **Auxiliary machines**
  - Biscuit stacking machine
  - Multifunction pastry cookie extruder
  - PVG-BGX biscuit (2+1) sandwich machine + automation connection packing machine
  - Mixer

- **Baked potatoes chips**

- **Candy , Chocolate , Cookies , Cake line**

- **Cake**

- **Cake processing line**
  - Automatic cake production line series
  - Cake production line
  - Choco pie cake production line
  - Layer cake & Swiss roll production line
  - Moon cake filling

- **Auxiliary machines**
  - Cake aerating mixer
  - Double-row automatic cake forming machine (with oil spraying device)
  - Single -row automatic cake forming machine (with oil spraying device)
  - Walnut sweet cake machine
- Candy processing line
  - Central filled soft candy toffee production line
  - Deposited lollipop production line
  - Hard candy depositing line
  - Jelly candy production line
  - Toffee candy production line
- Chocolate processing line
  - Automatic snickers sugar bars forming line
  - Chocolate production line
- Cookie machine
  - Double- color cookie biscuit machine
  - Mechanical cookie machine
  - PLC cookie machine
- Industrial high efficiency mixers
- Packaging solution
- Instant noodle line

- Fried noodles
- Non fried noodles
- Stick noodles
- for Fried bowl instant noodles
- **Cashew processing line**
- **Honey processing line**
- **Roasting solution**
- **Fruit juice processing technology**
- **Nuts and seeds hulling, shelling and cutting machine**
  - Cracking & shelling machine
    - Almond cracking & shelling machine
    - Buckwheat seeds hulling machine
    - Castor seed shelling machine
    - Hazelnut shelling machine
    - Macadamia nut cutting machine
    - Palm nut shelling machine
    - Peanut shelling machine
    - Pine nuts shelling machine
  - Kernels peeling machine
    - Almond peeling machine
    - Cashew peeling machine

- Mung bean peeling machine
  - Peanut peeling machine
- Nuts & seeds shelling line
  - Cashew nut shelling processing line
  - Industrial hemp seed shelling machine
  - Melon seeds shelling machine
  - Melon-seed-shelling-machine-pumpkin-seeds-shelling
  - Sunflower seeds hulling line
- Grain cleaning, grading and sorting machines for all cereals, pulses.
- Automatic FRUIT juice processing line for mango , guava, citrus, Orange, Apple etc
- Automatic Flour milling plant
- Automatic spice cleanng, grading, grinding , milling , And batch mixing plant for chilly , turmeric, coriander, Sambhar masala, pulse masala, biryani Grain masala, all high cost spices like cumin , clove , cinnamon etc.
- Heat tracing element for oil lines, ghee lines , complete turnkey project
- Industrial burners and spares for all kind of heating and roasting works
- Industrial all kind conveyors and elevators
- Pressure vessel and tank onsite manufacturing , erection , commissioning
- cookers for Chwla, Rajma , Choley

- Spray dryers
- Automatic idly, Sambhar, dosa, gulabjamun , premix turnkey plants
- Automatic upma mix plant
- Automatic Idly making machine
- Industrial rare earth magnet for grains , powders
- industrial sieve shake

## Vegetable & Fruits Pretreatment Line

PVG-SP-I model pre-treatment production line



PVG-SP-II model pretreatment production line



## TX Series Vegetable & Fruits Pretreatment Lines



## TX Series Vegetable & Fruits Pretreatment Lines



Spiral blanching machine



Normal temperature water cooling machine & Ice water cooling machine



Spin-drier preventient dispose product-line



Winnowing machine

### TX-3 Pretreatment Line

### ZX-1 Pretreatment Line



Spiny lobster digester product-line



Retiary belt blanching machine



**High Pressure Washing Machine**

**Bubble Washing Machine**





**Multi-Functional Washing Machine**

**Roller Brush Washing Machine**





**Basket Blanching Machine**

**Spiral Blanching Machine**





**Winnowing Machine**

**Chain Blanching Machine**





**Hair Removing Machine**



**Ice Water Pre Cooler**

## Roller Grader Machine



## Vegetable & Fruits Dryer

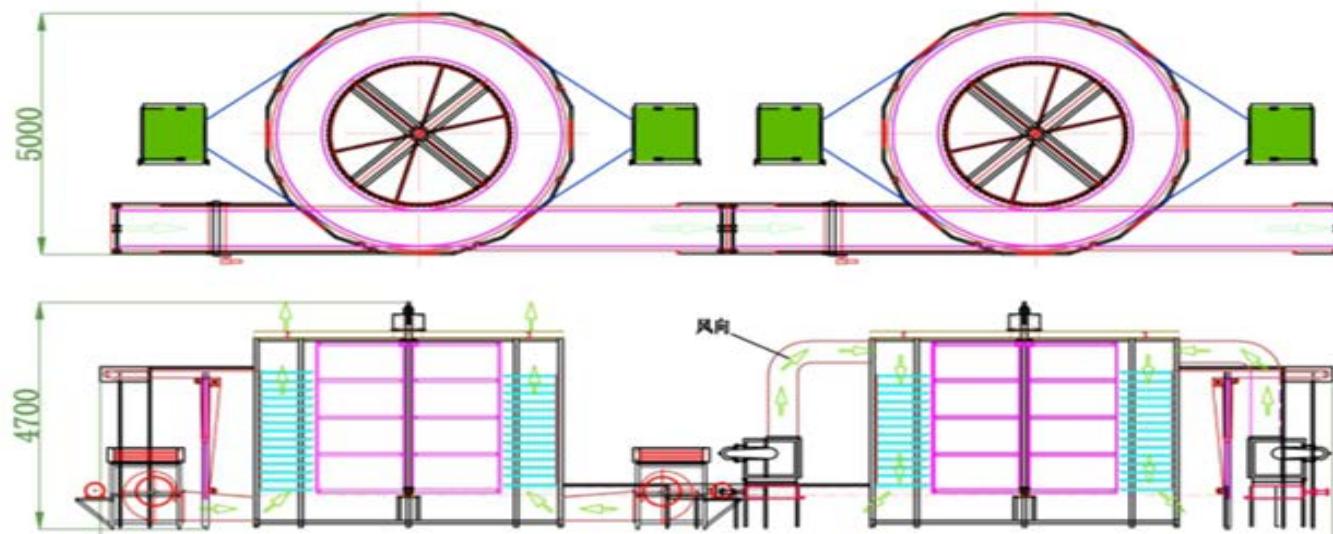


Vegetable Belt Dryer

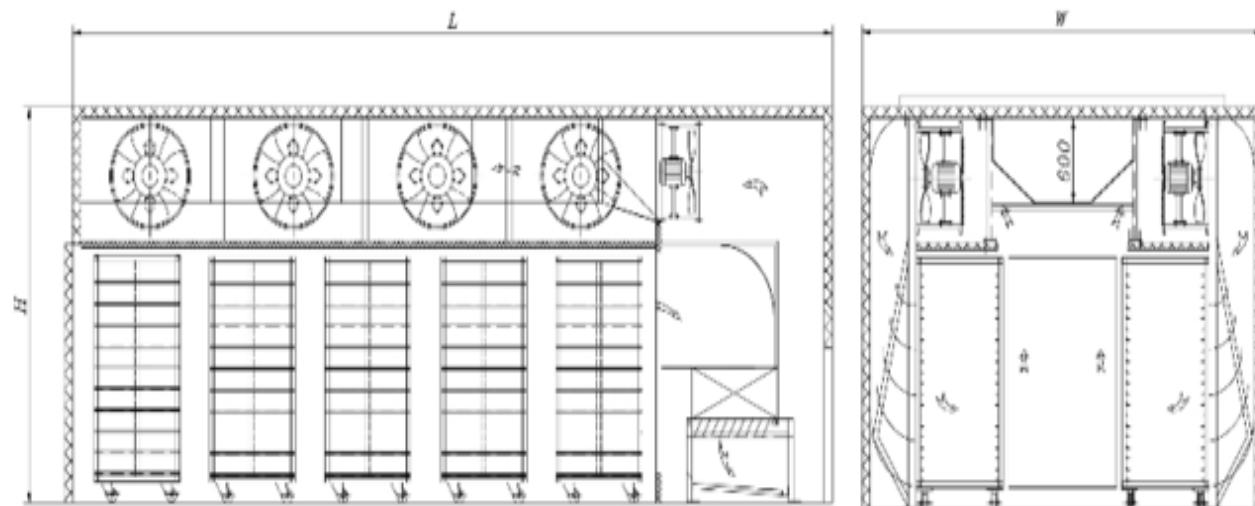


Tunnel Dryer

## Swirl Type Dryer



## Cold Air Dryer



## Cold Air Dryer



# Industrial Deep Freezer Freezers



Plate Freezer

Industrial Deep Freezer Blast Freezer





**IQF Tunnel Freezer Quick Freeze Machine**

**Spiral Quick Freezer**





## IQF Freezer Vegetable and Fruit Freezer

## Drying Equipment



**IQF Freezer Vegetable and Fruit Freezer**

## Cake line



Cake Production Line

Automatic cake production line series





Layer Cake& Swiss Roll Production Line

Layer Cake& Swiss Roll Production Line



**Proveg Engineering &Food Processing Pvt. Ltd.**



**Cake Aerating Mixer**

**Double-ROW automatic cake forming machine  
(with oil spraying device)**





**Single -Row automatic cake forming machine  
(with oil spraying device)**

**Walnut Sweet Cake Machine**



## Candy Making Machine



Central Filled Soft Candy Toffee Production Line

Deposited Lollipop Production Line





**Hard Candy Depositing Line**



**Jelly Candy Production Line**



### Toffee Candy Production Line

# Chocolate Making Machine



Automatic Snickers Sugar Bars Forming Line

# Cookie Making Machine



Mechanical Cookie Machine

Double- color cookie Biscuit machine





**PLC Cookie Machine**

# Biscuit Making Machine's



Full Automation cookie Biscuit production line

Filled Biscuit Production Line



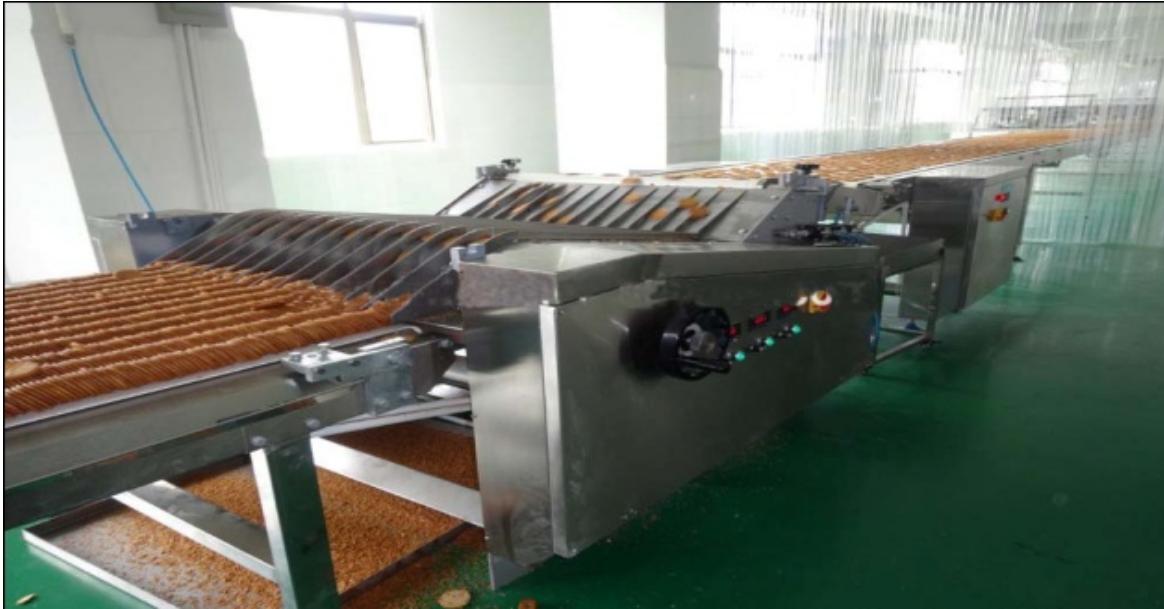
Proveg Engineering &Food Processing Pvt. Ltd.



**Small Bun Production Line**

**Soft Biscuit French bread Hamburg production line**





Multifunction Pastry Cookie Extruder



Biscuit stacking machine



**BGX Biscuit (2+1) Sandwich Machine + Automation Connection Packing Machine**

**Inflation Mixer**





Spiral Mixer

# Extruded food processing line Machine's



3d Pellet Process Line

2d Pellet Process Line



Proveg Engineering &Food Processing Pvt. Ltd.



## **Bread Crumb Process Line**



## **Breakfast Cereal Food And Corn Flakes**



**Direct Puff, Core-Filling Snack  
Process Line**



**Cheetos, Kurkure Nik Naks Process  
Line**



**Doritos, Tortilla Chips Process Line**

**Floating & Sinking Fish Feed  
Processing Line**





**Fried Wheat Flour Puff Snack Process Line**

**Nutrition Rice, Artificial Rice Processing Line**





**Nutritional Powder Process Line**

**Pet Food Process Line**





### Textured Fiber Vegetarian Soya Protein Process Line

### Popcorn Process Line



# Extruded food processing Auxiliary Machine's



Double-Screw Extruder

Air Flow Puffing Machine



Proveg Engineering &Food Processing Pvt. Ltd.

## Dryer



Electricity dryer



3-layer dryer



7 layer diesel/gas dryer



5-layer diesel/gas dryer



Recycling dryer



## Flaking Machine

## Flavoring Machine



PF-PG-PY  
Oil spray flavoring line



PTG  
(Syrup Sugar Coating Line)



5-layer diesel/gas dryer

## Fryer's



Automatic continuous food snack fryer



Batch fryer with De-Oiling



5-layer diesel/gas dryer



Batch Fryer Without De-oiling



De-oiler

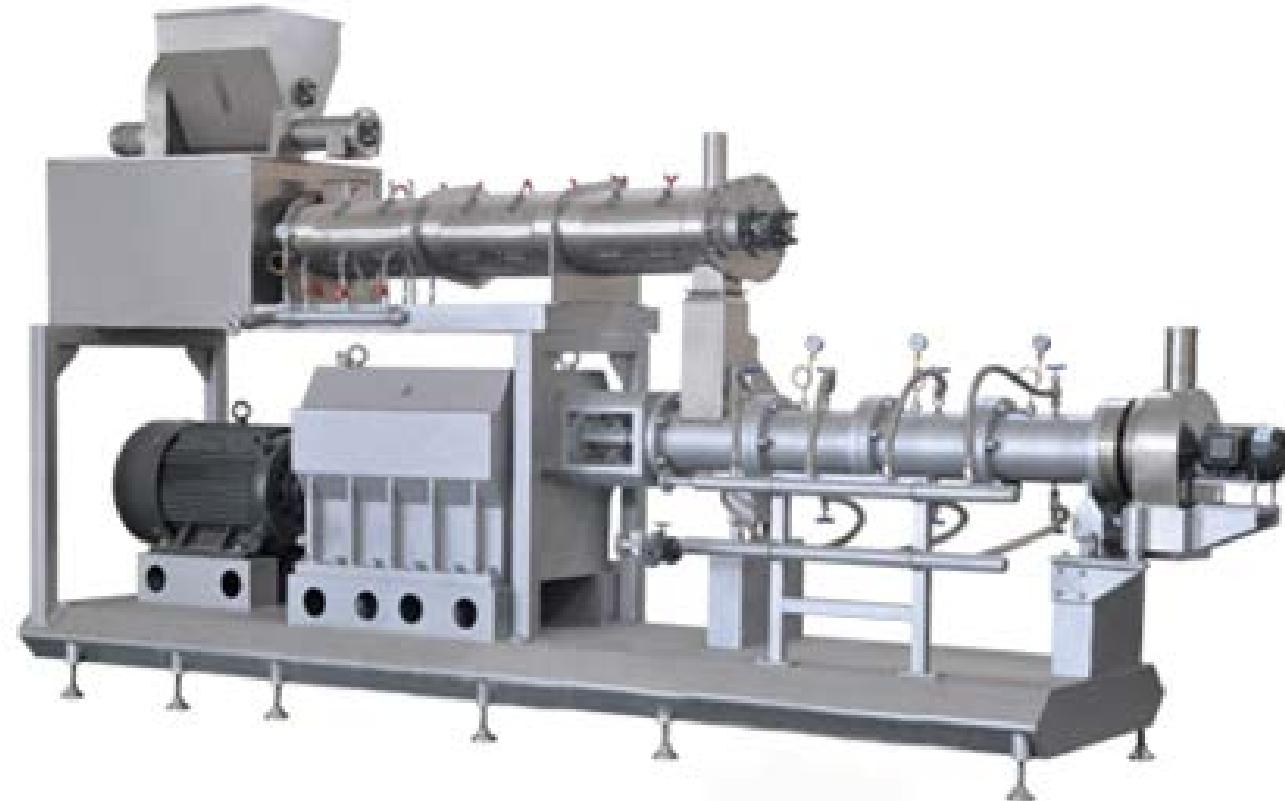


Lab Twin Screw Extruder

Kurkure Machine



## Steam Twin Screw Extruder



## Single Screw Extruder



**PVG-DLG 200**



**PVG-MCJ-II Single screw extruder**

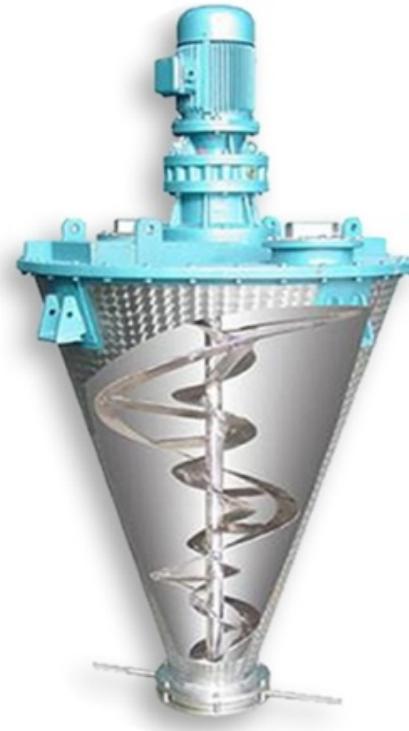


**PVG-DLG130**



**PVG-BS**

# Industrial High Efficiency Mixers

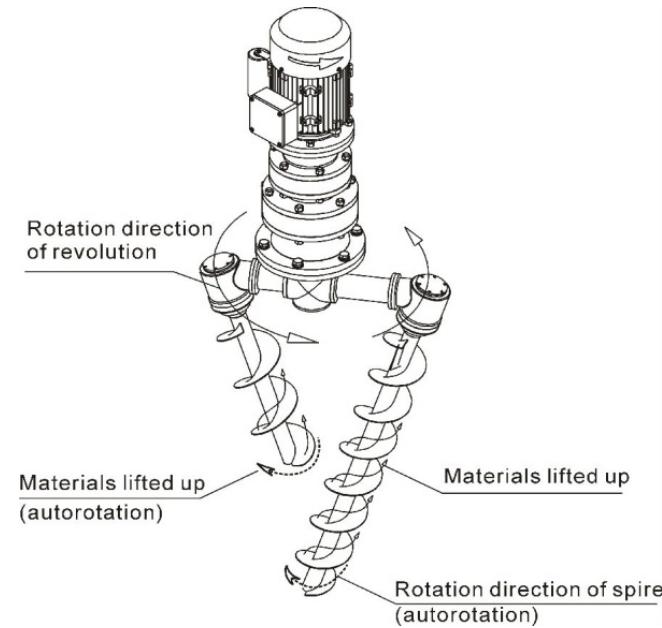


Conical Screw Mixer (Model : VSH-A)



Conical Ribbon Mixer (Model:VJ)





**Double Shafts Paddle Mixer (Model :SYJW)**



**Conical Screw Mixer (Model : VSH-B)**





Plough Mixer (Model:SYLD)



Horizontal Ribbon Mixer(Model : SYLW)

## Honey Processing Machine's



Original Taste Honey Processing Machine

Honey Preheating Machine





Simple Honey Bottle Filling Machine

Honey Vacuum Storage & Deforming Machine



## Cashew Processing Machine's



Automatic Shelling Machine

Grading Machine





**Manual Cashew Shelling Machine**



**Shell & Kernel Separation Machine**



**Automatic Peeling Machine**

**Quality Sorting and Color Sorting Section**

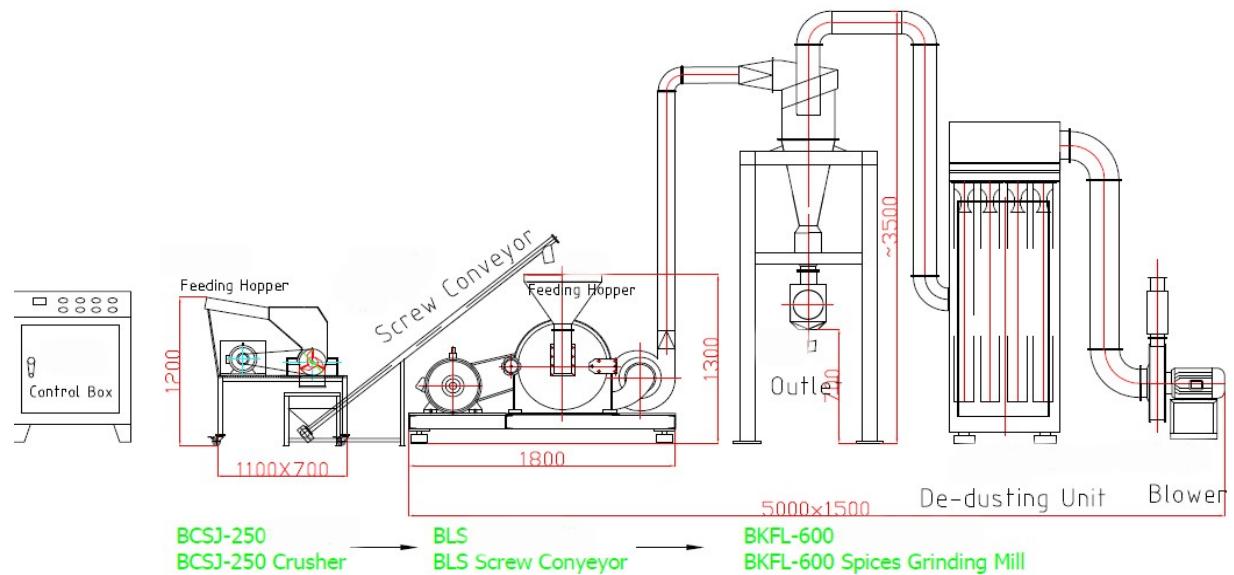


# Spice Processing Machine's

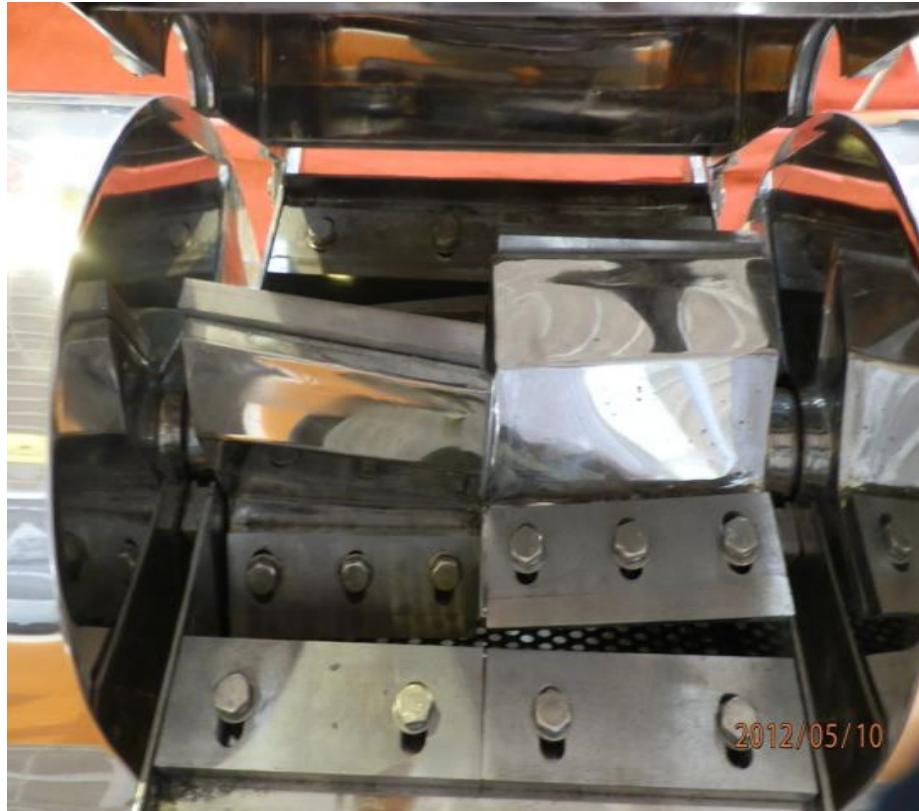


Self Suction Pulverizer without Classifier, with pre crusher and screw conveyor

Self-SuctionPulverizerwithClassifier



## Spice Pre Crusher for Chili Turmeric

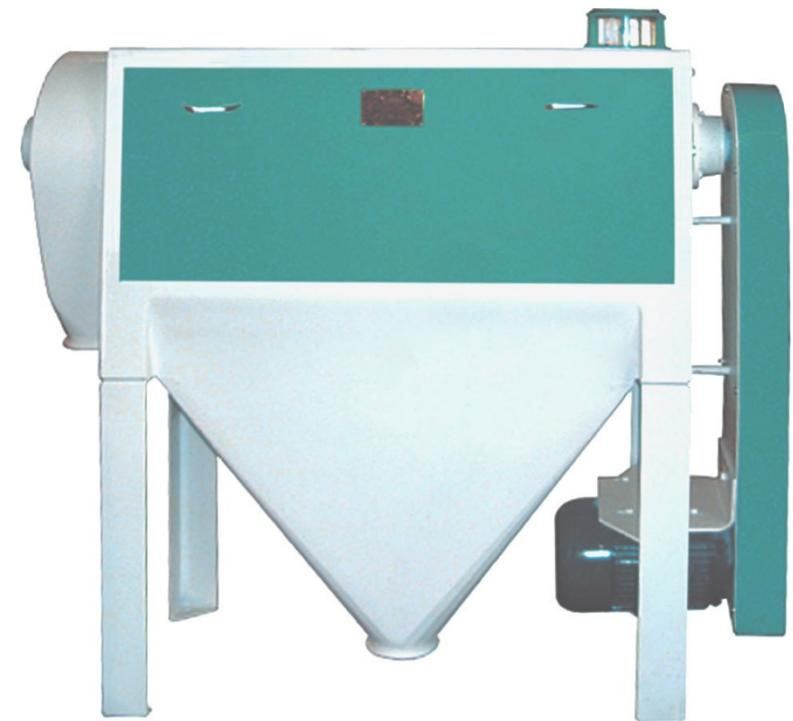


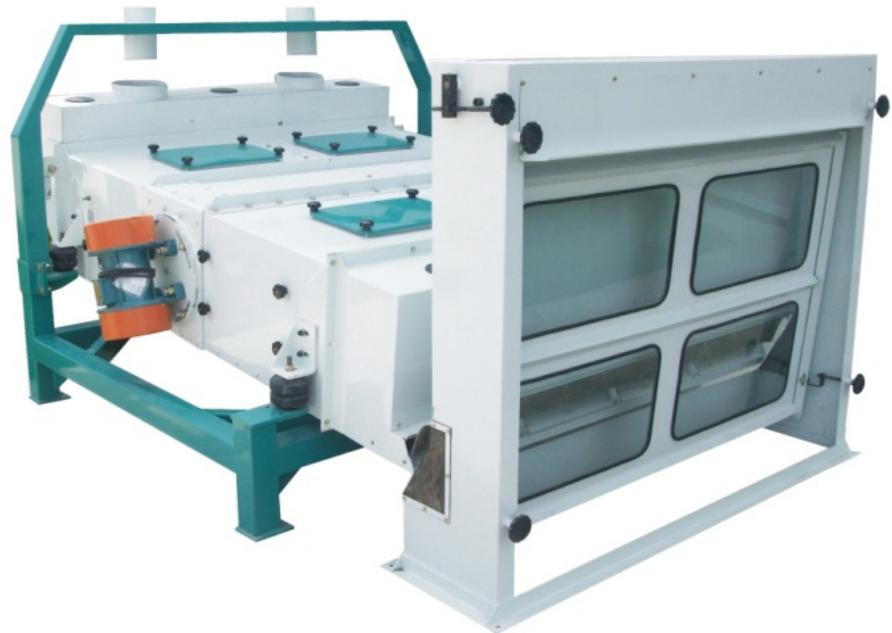
# Flour Mill Processing Machine's



Horizontal Scourer

Vibrating Screen





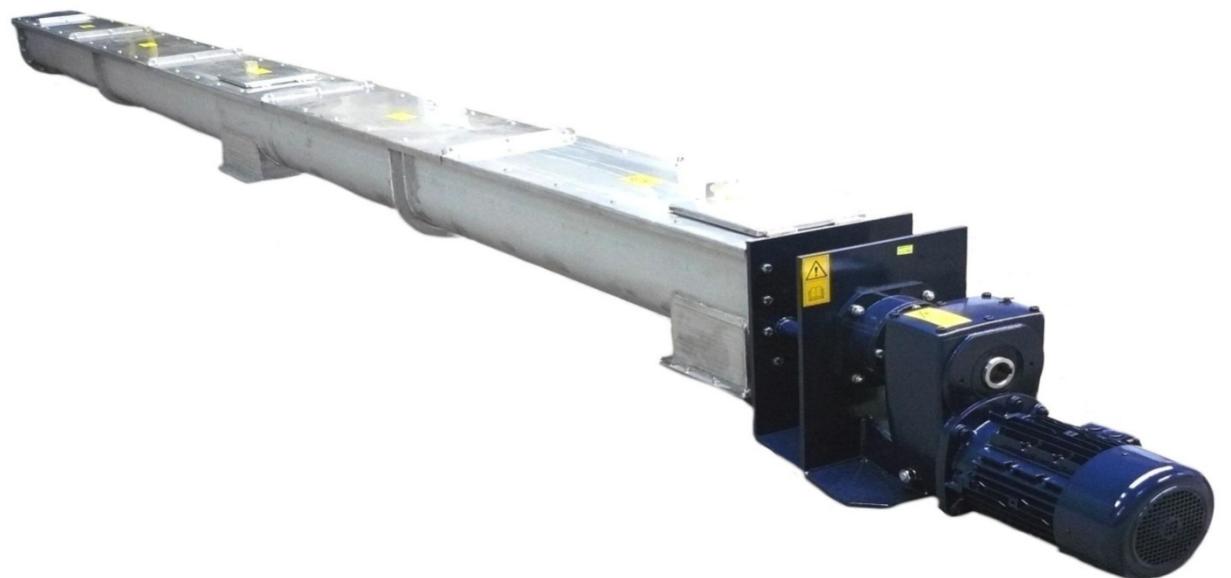
**Gravityde-Stoner**

**Rotary Flat Sieve**





Wheat Washer



Spiral Conveyor



Dampener

Low Pressure Fan





Magnetic Separator

Elevator

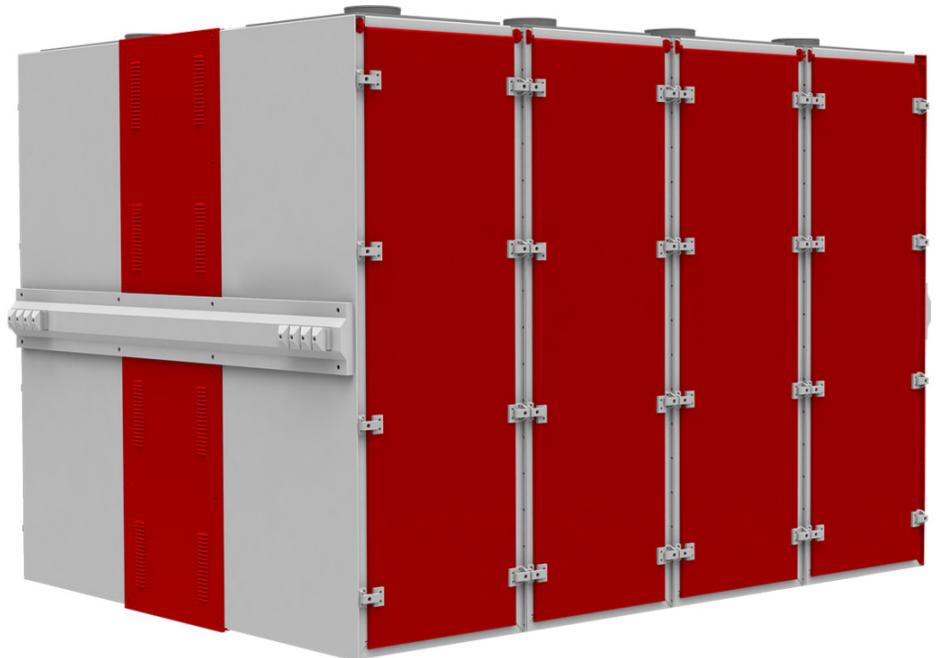




Pneumatic Mill

Aspiration Separator





Purifier

Plan Sifter

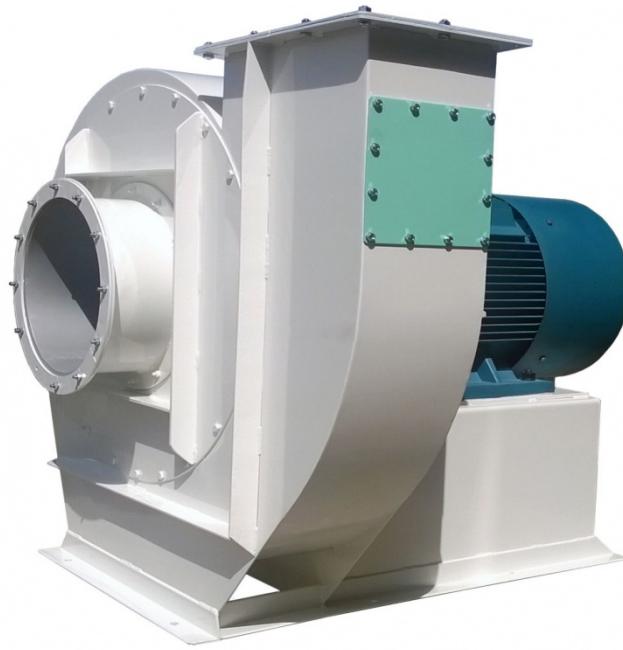




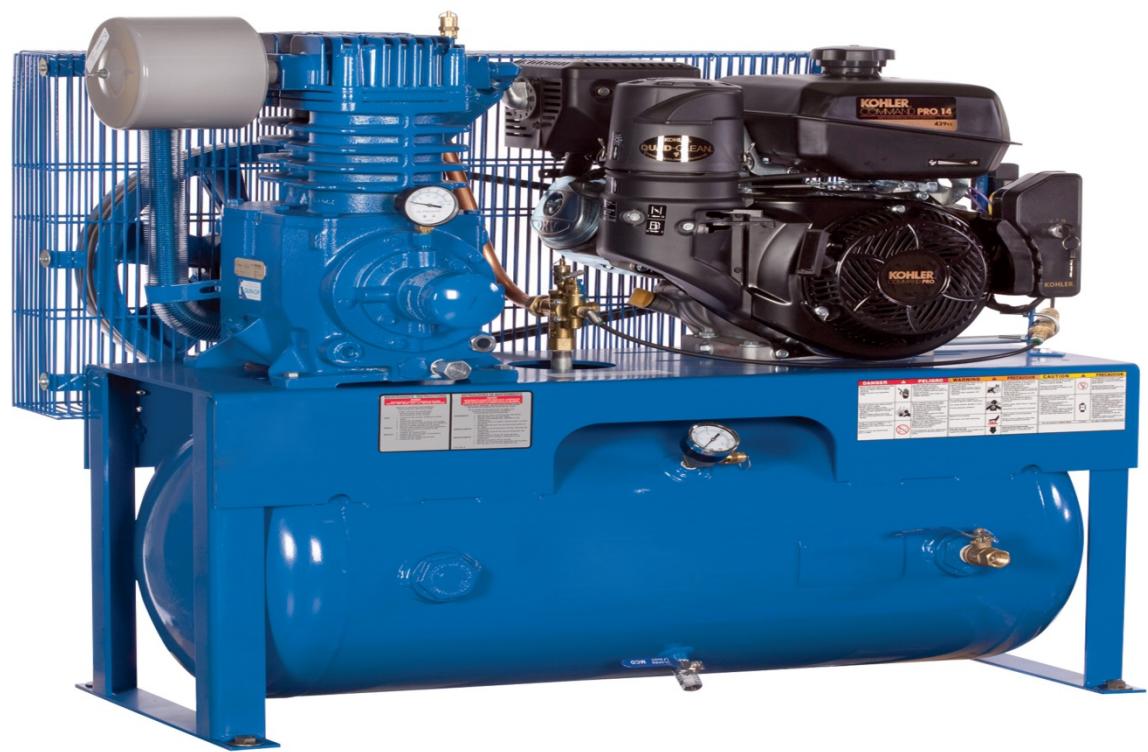
Bran Centrifugal

Centrifugal Impactor





Air Pressure Machine



High Pressure Fan

## Roasters



Peanut / Cashew / Almond Roaster Machine

Roaster Machine





**Jeera / Dhana / Coffee Roaster Machine**

**Cheese Ball Roaster Machine**



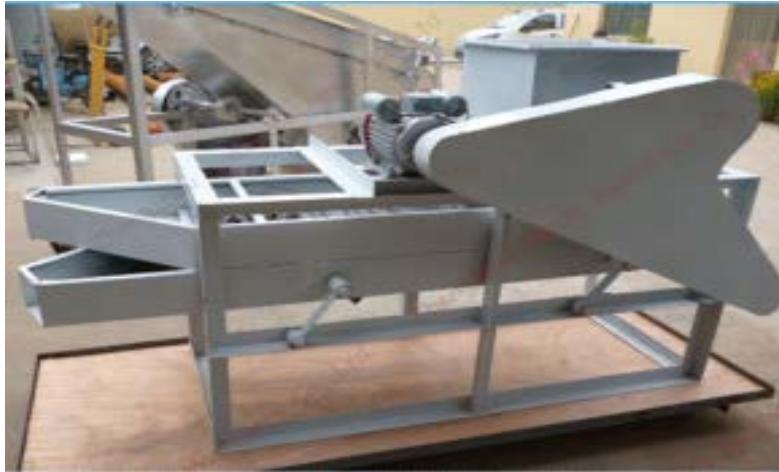


Roaster Line

Mumra Roaster Machine



## Nuts and Seeds Hulling, Shelling and Cutting machine



Almond Cracking & Shelling Machine





Castor Seed Shelling Machine

Hazelnut Shelling Machine

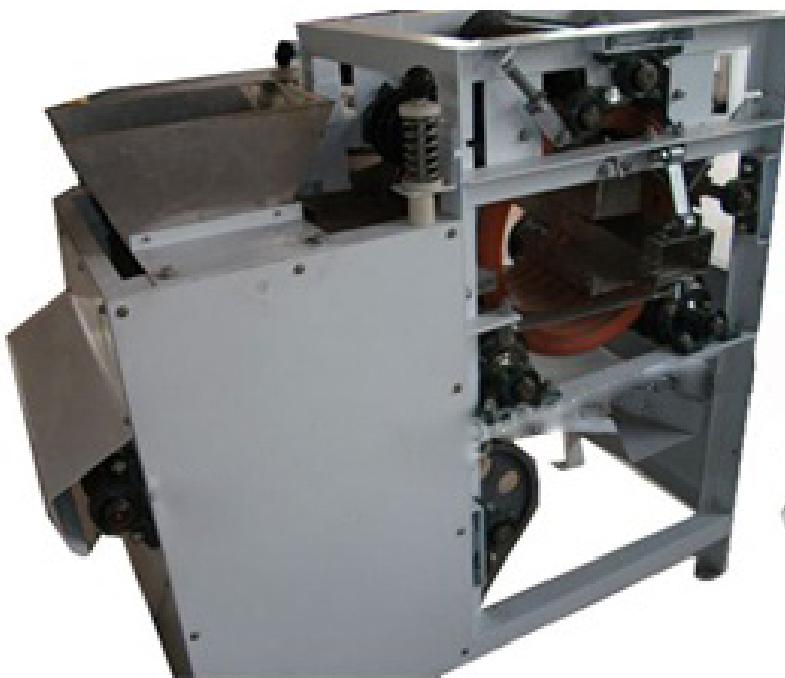




**Peanut Shelling Machine**

**Macadamia Nut Cutting Machine**





Cashew Peeling Machine



Almond Peeling Machine





**Mung Bean Peeling Machine**

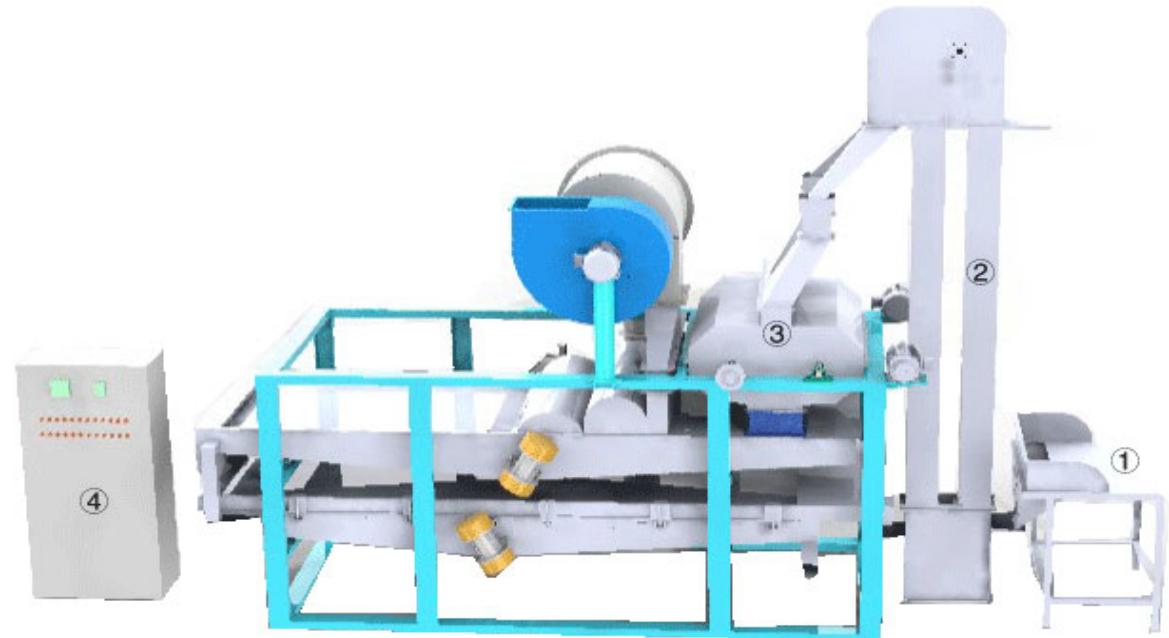
**Cashew Nut Shelling Processing Line**





Industrial Hemp Seed Shelling  
Machine

Melon Seeds shelling Machine



## Conveyor & Elevator's



**90 degree changing conveyor 2**



**Auger Elevator**



**Belt conveyor**



**Output Conveyor**



**Lean Type Elevator**



**Z type elevator**



**Rotary Table**



**Roller Conveyor**

## **PROVEG ENGINEERING AND FOOD PACKAGING PVT. LTD.**

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Chinchwad, Pune - 411033**

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