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**Manufacturer of Pharma Machinery**



## ABOUT US

# AAYSU PHARMA MACHINERY

We, **AAYSU PHARMA MACHINERY** Since 2008), are one of the foremost manufacturer and exporter of an extensive array of cashew processing machine, cashew boiler and cashew nut cutting machine. To manufacture these offered products in compliance with the set industry norms, our professionals use the high grade components and modern machines. Our company has established up to date infrastructure set-up. We have various departments like production, quality control and much more, which helps us in performing our duties in the best possible way. Apart from this, our customization facility, ethical business practice and timely delivery have made us famous with the clients.

## OUR MISSION

To be the Top of the chart company that manufacturers cashew processing machine, cashew boiler and cashew nut cutting machine to fulfill customers' expectation.

## OUR CORE VALUES

Our Mission is To develop a nationwide market for our present and future products, and thus assure a growing volume of business and To maintain our reputation for the finest quality products and the best service available anywhere.

## OUR VISION

**AAYSU PHARMA MACHINERY** is firmly committed to achieve customer delight by deliver the best products at the most economic prices, By ensuring on time delivery followed by fair business practices for the good of all stake holders.



# PROCESS FLOW CHART

## CASHEW PROCESS FLOW CHART - RELEVANT MACHINERY



**RAW CASHEW**

### BOILING

Raw cashews are steamed under pressure to soften the shell. This causes the cashews inside to become loose and easier to remove in time.



**STEAM BOILING & COOKING**



**SHELLED**

### CUTTING

Raw cashews are steamed under pressure to soften the shell. This causes the cashews inside to become loose and easier to remove in time.



**AUTOMATIC CASHEW SHELL CUTTING MACHINE**



**DRYED KERNELS**

### DRYER

The skin on cashews is dried in an oven at low heat for a few hours to loosen the skin.



**ELECTRICAL DRYER**



**COOL KERNELS**

### HUMIDIFIER

Humidifier to make the kernels up to 4.0 to 5.0% moisture condition for better peeling of skin.



**HUMIDIFIER**



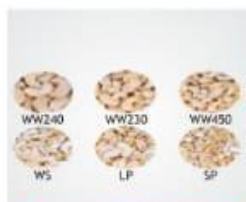
**PEELED KERNELS**

### PEELING

The skin of each cashew is removed by the machine and the cashew is simultaneously visually graded according to quality.



**CASHEW NUT PEELING MACHINE**



**KERNEL GRADES**

### GRADING

The whole cashew kernels are individually graded by machine according to count per pound.



**CASHEW KERNELS GRADING MACHINE**



**PACKING KERNELS**

### PACKING

After grading material will be packed in pouch or tin.



**VACUUM PACKING**

## OUR PRODUCTS



### RAW CASHEW GRADING MACHINE WITH ELEVATOR

**Application :**

- Raw Cashew Grading Machine is used for separation of raw cashew nuts according to size.
- Its separate four grades such as Size A, Size B, Size c, and Size D.
- Calibration of Raw cashew nuts helps for mechanical shelling machines to facilitate in shelling, reduces the broken percentage.
- Elevator is used for loading of raw cashew nuts in to raw cashew grading machine.

**Capacity :**

- 100kg /hr , 300kg/hr , 500kg/hr, 1000 kg/hr



### BOILER AND COOKER

**Application :**

- Boiler is used to generate steam for boiling of raw cashew nuts.
- Cooker is used for store the raw cashew nuts for boiling.
- Cashew is steamed by saturated steam supplied form boiler , Uniform cooking due to continuous distribution network inside the cooker, which helps to loosen up kernel inside which improves the better scooping out percentage after shelling process.

**Capacity :**

- 80kg, 100kg , 160kg, 200Kg, 400kg, 500kg, 1000kg, 2000kg



### MANUAL CUTTING MACHINE

**Application :** Cashew cutting Machine is used cut the raw cashew.

**Specification :** Traditional Cashew nut Shelling machine  
Hand & Paddle operation  
M. S. Body, Heavy Duty & Long life



### AUTOMATIC CASHEW CUTTING MACHINE

**Application :** Cashew Cutting Machine is used to cut the Boiled raw cashew nuts.

**Specification :**

2 BLADE	4 BLADE	6 BLADE
20-25 kg/hr	40-45 kg/hr	70-80 kg/hr



### AUTO FEEDING SYSTEM

**Application :** To distribute Material into cutting Machine

**Specification :** Feeder for cutting machine with Bucket Elevator and Hooper with vibro system.  
feeder will be distribute material into 12 Machine  
Gear motor-1 hp power | 500kg /hr  
Very Hygienic design | Easy installation.

### OSCILLATOR VIBRATOR



**Application :**

- Scooping Machine is used for separating Kernels, Shells, Uncut & Unscooped automatically.
- Primary Vibratory Sieve separate shells
- Continues flow processing raw material with lowest man power handing.

**Specification :**

- Primary Vibratory sieve
- Shell Separator system
- Blower Mechanism for blowing of shells
- Stroke box system for unscooped kernels
- Secondary Vibratory Sieve mechanism
- Shell and Uncut separator system.
- Roller based grading mechanism
- Complete Pipeline for transfer of kernels



### CASHEW TRAY DRYER ( ELECTRIC or STEAM or WOODEN )

- Application :**
- Cashew Electrical Dryer used for drying of Kernels.
  - The kernels after removed from the shells have to be dried in order to loosen the red skin (Husk) adhering to the kernels for easy peeling.

**Capacity :** 30kg, 50kg, 60kg, 100kg, 150kg, 200kg, 250kg, 1000kg, 1200kg



### CASHEW PEELING MACHINE

- Application :**
- Cashew Peeling Machine is used to peel of Husk from cashew kernel.
  - Process that removing of testa (husk) from cashew kernels.

**Capacity :** 50 kg/hr | 100 kg/hr | 150kg/hr



### AIR COMPRESSOR- SCREW OR RECIPROCATING

**Application :** Compressor required for the operation of peeling machine having three phase motor.

**Capacity :**

- Reciprocating - 10hp, 12.5hp, 15hp, 20hp
- Screw - 10hp, 15hp, 20hp, 25hp, 30hp, 60hp



### PIECE SEPARATOR

**Application :** Vibratory Sieve is used for separate LWP, SWP, BB grades

**Specification :**

- Mechanized Vibratory sieve with screens of SS mesh
- Capacity: 250-300 Kg/hr
- Power Required: 1.0 HP



### PAN COATING MACHINE

Pan coating machine for flavoring cashew kernel.

Capacity per load 10 Kgs/cashew  
Heating coil capacity 3000 W  
Electricity requirement-Single phase 230 V 15 Amps  
Drum rotating speed 12 RPM (fixed)





### HUMIDIFICATION SYSTEM

**Application :** To Give moisture To Cashew Kernels

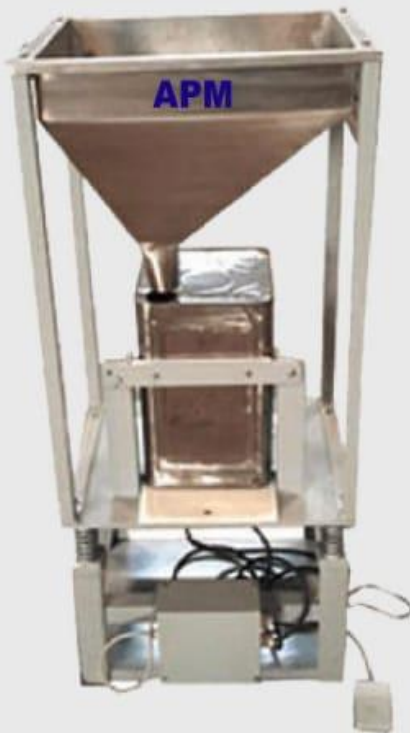
**Specification :** working Hours-1 to 3 hrs  
power-300 watts | water level-Automatic  
voltage-230v | Body-s.s powder coated  
water Quality Required-RO



### VACUUM MACHINE

Vacuum Packager is featured by automatic processing of vacuuming, which is used in vacuum packaging for the food.

Voltage : 220V 50Hz | Power : 1.5KW  
Workroom size : 420X440X80mm  
length-500mm | Weight-180kg | Packing-1 TO 20 KG



### TIN FILING MACHINE

**Application :** Kernel are filled in to the tins by vibratory filling machine

**Specification :** Tin filing machine available with different capacity with 1 or 4 or 8 Tin at a time.



### HUSK CLEANING MACHINE

To Remove Husk from material.

Dust Cleaner With Blower, Cyclone, Stand.  
300 kg./hr  
Power :1.5hp.[ 3 /ph.]  
Electric motor 1.5 hp.1440, 1 hp.2880rpm[3/ph.]



### DIGITAL MOISTURE METER

**Application :** Digital moisture meter is an impedancy type working on principle of measurement of Dielectric constant of the material.

**Specification :** Tested as per IS  
Measuring Range-0 TO 4 %  
Power requirement- Four pencil cells

### SAMPLE CUTTER

To check Raw cashew nuts Quality by sample cutter.

Material- Stainless steel



### VITA PACKING MACHINE

**Application :** This product is used for packing of tin boxes that are filled with cashew nuts.

**Specification :** Gas-co2 | 1 hp power  
10kg tin packing | 30 sec for 1 tin  
require compressor-1hp

### CASHEW TUKDA MACHINE

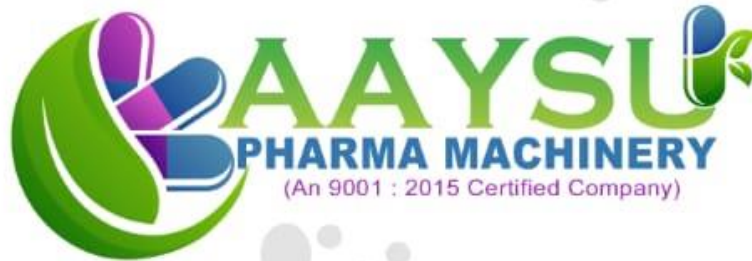
It is used to make pieces from Peanut, Almond, Cashew, Pista & Other Dry Fruit.

30-35 kg/hr | Material - Stainless Steel  
Height - 22 inch | Weight - 28 kg  
Power - 0.25 HP | Speed - 1440 RPM



**Application :** One of the basic tools in material handling system, belt conveyors are most commonly used in transportation for materials. Flat belt And Bucket conveyor use for To reduce labor work Also.

**Specification :** Flat belt conveyor-Heavy M.s or S.S structure with pvc belt and gear motor system. we can make it as per customer requirement.  
Bucket elevator- Heavy M.s or S.S structure with Plastic bucket and gear motor system. we can make it as per customer requirement.



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