



Promise for Best Quality...



- 🕒 Manufacturer of Ultra Modern Fully Automatic Cashew Processing Projects
- 🕒 Suppliers of Expert Labour Team
- 🕒 Importer of Quality Raw Cashew Nut



Promise for Best Quality...

AN ISO 9001-2008 CERTIFIED COMPANY

**Oscar Cashew Tech**®

Mfg. Turnkey Fully Automatic Cashew Processing Machinery

## ABOUT US



Since 2009 Oscar Cashew Tech has been specialized in the design, fabrication, installation and commissioning of turnkey plants and machinery for the cashew nut processing industry. Today Oscar Cashew Tech has brought the cashew processing into the next generation of solutions that, through a 360° integrated approach, allows to combine previously separated processing operations, further increasing efficiency, productivity of labour and finished product sanitation levels, reducing space requirement, power consumption and environmental impact. Such an approach includes the value addition for all the by-products of the RCN such as the CNSL up to Cardanol and its derivatives, and the shells' cake up to the production of electric and thermal power.

Recent need of the cashew and the nut industry in general is the implementation of the food safety concepts to guarantee a finished product free of foreign matters, insects and micro biologically compatible with the even more stringent international rules on the matters.

Oscar Cashew Tech offers, again, an integrated approach with an automatic cleaning, x-ray sorting, filling and packing line that will guarantee a product fully compatible with the most stringent international standards on quality and food safety.



**Sanjay Patel**  
M.B.A. (Marketing)



**Mayur Malaviya**  
B.E. (Mechanical)

## WHY US



## One stop solution for Cashew processing project setup...

- ① Manufacturer of Ultra Modern Fully Automatic Cashew Processing Projects
- ② Suppliers of Expert Labour Team
- ③ Importer of Quality Raw Cashew Nut

### SALIENT FEATURES

FEATURES	ADVANTAGES	BENEFITS
Option of tracks	Option of higher speed	Time / space / power saving
Robust	Strong machine	Long life
Simplified operation	No complication	Ease of operation
Low maintenance	Less servicing	Savings on service and maintenance
Quality components	High quality machine	High run time, durable
Contact parts, stainless steel	No rusting	Long life of machine
Castor wheels mounted	Easy movement	Less labor

### OUR SUPPORT IS WITH YOU

√	Training to Local Labour to Produce World Class Cashew Kernel
√	Supplying South India's Skill Labour on Contract Basis
√	Raw Cashew Availability Through Throughout the Year
√	Project Development on Turn Key Basis with Process Modernization
√	Integrated Cashew Processing Line up to Kernel Grading and Packing
√	Plant and Machinery Layout Customized
√	Installation of System without Extra Charges
√	Free Service Contract for 2 Year from Date of Purchase

# ULTRA-MODERN FULLY AUTOMATIC CASHEW NUT PROCESSING PLANT ON TURNKEY BASIS



## Features

- ① Manufacturer of Ultra-Modern Fully Automatic Cashew Processing Projects
- ① Suppliers of Expert Labor Team
- ① Importer of Quality Raw Cashew Nut
- ① 2 Years of warranty.
- ① Power Required: Three Phase



SILENT FEATURES		
FEATURES	ADVANTAGES	BENEFITS
Maximum Conveyor Based and Camera Based colour shorter Automation	Reduce Manpower and untouched grading solution.	Reduce Labor Cost with less cashew kernel damages.
Option of tracks	Option of higher speed	Time / space / power saving
Robust	Strong machine	Long life
Simplified operation	No complication	Ease of operation
Low maintenance	Less servicing	Savings on service and maintenance
Quality components	High quality machine	High run time, durable
Contact parts, stainless steel	No rusting	Long life of machine
Castor wheels mounted	Easy movement	Less labor

## MODERN FULLY AUTOMATIC CASHEW NUT PROCESSING PLANT



### Features

- ① Manufacturer of Modern Fully Automatic Cashew Processing Projects
- ① Suppliers of Expert Labor Team
- ① Importer of Quality Raw Cashew Nut
- ① 2 Years of warranty.
- ① Power Required: Three Phase

SILENT FEATURES		
FEATURES	ADVANTAGES	BENEFITS
Maximum Conveyor Based Automation	Reduce Manpower	Reduce Labor Cost
Option of tracks	Option of higher speed	Time / space / power saving
Robust	Strong machine	Long life
Simplified operation	No complication	Ease of operation
Low maintenance	Less servicing	Savings on service and maintenance
Quality components	High quality machine	High run time, durable
Contact parts, stainless steel	No rusting	Long life of machine
Castor wheels mounted	Easy movement	Less labor

## FULLY AUTOMATIC CASHEW-NUT PROCESSING PLANT



### Features

- ① Manufacturer of Fully Automatic Cashew Processing Projects
- ① Suppliers of Expert Labor Team
- ① Importer of Quality Raw Cashew Nut
- ① 2 Years of warranty.
- ① Power Required: Three Phase

SILENT FEATURES		
FEATURES	ADVANTAGES	BENEFITS
Economical Project with required all the necessary basic machine	Start up with Low-investment	Opportunity to enter in to Cashew Processing Industry with Average Profit Margin
Option of tracks	Option of higher speed	Time / space / power saving
Robust	Strong machine	Long life
Simplified operation	No complication	Ease of operation
Low maintenance	Less servicing	Savings on service and maintenance
Quality components	High quality machine	High run time, durable
Contact parts, stainless steel	No rusting	Long life of machine
Castor wheels mounted	Easy movement	Less labor

## BOILER (IBR APPROVED BOILER WITH COOKER SYSTEM/ NON IBR BOILER WITH COOKER SYSTEM



### Features

- ① Steam cooker with steam generator wood fire complete set valves, gauges , meter , chimney and necessary fittings.
- ① IBR Approved/ Non IBR Hydro Tested Parts : 10 MM
- ① Metal Brand : Tata Steel Or Essar Steel
- ① Cooker : Glass Wool Insulated to Protect from Heat Loss.
- ① Which is suitable to get white colored cashew kernels.
- ① 2 Years of warranty.



## AUTOMATIC RAW CASHEW GRADER



### Features

- ① Raw Cashew Grading Machine is used for Separation of Raw Cashew Nuts according to the size and also remove the dust particles.
- ① MOC : MS
- ① Power Required: Three Phase
- ① Metal Brand : Tata Steel Or Essar Steel
- ① 2 Years of warranty.





## AUTOMATIC CASHEW SHELL CUTTING MACHINE (HORIZONTAL OR VERTICAL SYSTEM)



### Features

- ① Horizontal blade multi- track machines to cut 90 -100 kg of steamed nuts per hour using electrical power operated motors respectively to run in single or three phase electrical connection. The Automatic Shell & kernel separator effectively separates shelled kernels from the outer shells without the need for manual labor. The system developed saves the laborers from hazards of CNSL corrosion of the skin. A labor saving process, cuts process time considerably.
- ① Capacity: 90 - 100 kg/hr
- ① Gear Motor Power - 1 HP Phase - Three
- ① Number of cutters - 6 No's
- ① Dimension (L x W x H): 4.5 x 3.3 x 5.3 Feet
- ① All Parts in MS and Aluminum
- ① Metal Brand : Tata Steel Or Essar Steel
- ① 2 Years of warranty.



## AUTOMATIC TOTAL SCOOPING SOLUTION



### Features

- ① This system is to be used after the cashew cutting / shelling
- ① Vibrator separates the removed cashew kernels easily.
- ① Shell Blower separator the Uncut, half cut and Shells
- ① The cashew after shelling is separated into empty shells, cashew kernels, uncut and half cut.
- ① With this system lot of manual labor can be eliminated for sorting.
- ① The sorting efficiency is very high
- ① The manual process of sorting after shelling can be eliminated.
- ① Vibrator - ( Stainless Steel 304 ) - 2 No's
- ① Shell Blower - 2 No's
- ① Scooping Machine - 1 No's
- ① Blower - 1 No's
- ① Metal Brand : Tata Steel Or Essar Steel
- ① Power Required: Three Phase
- ① 2 Years of warranty.



## AUTOMATIC CASHEW DRYER SYSTEM



### Features

- ① To dry the Kernels at 70-75°C in 7 Hours.
- ① Fuel : Electric or Hot Steam
- ① No. of Trays : Customize
- ① Tray Size : 32" x 16" x 1 ¼"
- ① All Tray in Aluminum
- ① Power Required: Three Phase
- ① No. of Trolley : Customize
- ① Fan : Aluminum Impeller fan, Best For The Best Hot Air Circulation.
- ① 2 Years of warranty.



## ULTRASONIC HUMIDIFIER



### Features

- ① Humidifier to make the kernels up to 4.0 to 5.0% moisture condition for better peeling of skin.
- ① Power: 220V Single Phase.
- ① Dimension (L x W x H): 2 x 1.5 x 1.5 Feet
- ① 1 Years of warranty.



## RECIPROCATING AIR COMPRESSOR

### Features

- ③ Air Compressor is Used to Blow the Air in the Peeling Machine to remove the Red Skin of Cashew.
- ③ Dimension (L x W x H): 6 x 2 x 4 Feet
- ③ Power Required: Three Phase



## SCREW AIR COMPRESSOR

### Features

- ③ Air Compressor is Used to Blow the Air in the Peeling Machine to remove the Red Skin of Cashew.
- ③ Dimension (L x W x H): 8 x 7 x 7 Feet
- ③ Base Mounted Compressor
- ③ Air receiver tank
- ③ Refrigeration Dryer
- ③ Filter 1: Oil filter assembly, Filter 2: Pre filter assembly, Filter 3: Micro filter assembly
- ③ Material: Mild Steel
- ③ Power Required: Three Phase
- ③ 1 Years of warranty.
- ③ Oil cooler is designed 45° C ambient Temp.
- ③ All parts are designed with universal design code / standard.
- ③ Consumable Cost is low up to 35% as compare to others.
- ③ Thermostatically Operated fan motor.



## AUTOMATIC CASHEW NUT PEELING MACHINE



### Features

- ① Cashew Nut Peeling Machine is Used to remove the Red Skin of Cashew
- ① Material - All Parts in Stainless Steel
- ① Metal Brand: Tata Steel or Essar Steel
- ① Pneumatics : Janatics Brand Automatic Pneumatic Control System.
- ① Power: 220V Single Phase.
- ① Power Required: Three Phase
- ① 2 Years of warranty.



## CASHEW HUSK CLEANING MACHINE

### Features

- ① Cashew husk cleaning machine is suitable for removing Cashew BB Grade and Very Small Size Cashew Pieces from Red Husk of Cashew. The Cashew Pieces are separated based on their weight. This machine can be used for Cashew Pieces by adjusting the air flow. Separator is used for grading the Cashew Pieces based on their sizes.
- ① Capacity: 150Kg- 200 kg/hour
- ① MOC - MS
- ① Metal Brand : Tata Steel Or Essar Steel
- ① Power Required: 2 HP Three Phase



## PIECES GRADING MACHINE



### Features

- ① Mechanized vibratory sieve with screens of SS mesh to separate the LWP, SWP, BB grades.
- ① Power - 1 HP Motor Gear Box
- ① Dimension (L x W x H): 4 x 2 x 4 Feet
- ① All Parts in Stainless Steel
- ① Metal Brand: Tata Steel or Essar Steel
- ① Power Required: Three Phase
- ① 2 Years of warranty.

## KERNEL SEPARATOR



### Features

- ① To separate wholes, Half's, Splits and Testa.
- ① Voltage Rating - 415 V (Three Phase)
- ① Power - 0.50 HP Motor Gear Box
- ① Dimension (L x W x H): 5 x 2 x 4 Feet
- ① All Parts in Stainless Steel
- ① Metal Brand: Tata Steel or Essar Steel
- ① Power Required: Three Phase
- ① 2 Years of warranty.





## FINISHED CASHEW GRADER



### Features

- ① 5+2 Grades
- ① Single Pass
- ① 95% Accuracy
- ① 2% or less Breakage
- ① Defect and Husk removal
- ① Controllable Grades 180/210, 240, 320, 400, SW
- ① Plug and Play System
- ① 24 Hours Duty Cycle
- ① Total Power: 5 HP, Single Phase / Three Phase
- ① 1 Years of warranty.

Now Grade Cashews into  
**Multiple Grades in Single Pass**



## CASHEW KERNEL COLOR SORTING SYSTEM

### Features

- ③ ·Machine For Food Grain Sorting And Grading Swan RGB 24 Color
- ③ ·Sorting machine for cashew products.
- ③ ·High resolution CCD camera.
- ③ ·Double side view technology.
- ③ ·Multi grain sorting technology.
- ③ ·High luminant LED technology.
- ③ ·Very easy human user interface.
- ③ ·High speed ejectors.
- ③ ·Automatic air failure caution message on the display.
- ③ ·Capable of sorting discolored and chalkey simultaneously
- ③ ·1 Years of warranty.
- ③ ·Power Required: Three Phase



**ACCEPT**



**REJECT**

## AUTOMATIC TIN FILLING MACHINE

### Features

- ① Cashew Kernel vibratory filling machine made of mild steel frames and
- ① M.S. sheet duly painted. Filling Machine to fill 1
- ① tin at a time. Supplied with 1 HP motor.
- ① Stainless steel 304 grades.
- ① Dimension (L x W x H): 3 x 2.5 x 4 Feet  
2 Years of warranty.  
Power Required: Three Phase



## VITA PACKING MACHINE

### Features

- ① Vita packing machine with vacuum pump with motor, bell jar assembly, gauges, valves and necessary fittings.
- ① Complete unit made of mild steel angle frames duly Painted [WITH 1 HP VACUUM PUMP]
- ① Dimension (L x W x H): 2.5\*2.5\*6
- ① Power Required: Three Phase
- ① 2 Years of warranty.



## FLAT CONVEYOR BELT SYSTEM (FOOD GRADE APPROVED)



### Features

- ① To carry the material to scooping line or other next process system.
- ① Conveyor Length: Customize
- ① MOC - MS
- ① Metal Brand : Tata Steel Or Essar Steel
- ① Power Required: Three Phase



## CASHEW NUT BRICKS VACUUM PACKING MACHINE

### Features

- ③ Type: Cashew Bricks Shape vertical vacuum packing
- ③ Capacity: 1 Kg to 25 Kg
- ③ Power: AC 220/AC 440
- ③ Chamber size (L x W x H): 1130 x 755 x 1415 MM
- ③ Sensor Control: Set percentage pressure for vacuum and gas functions for accurate and constant packaging results.
- ③ Wide Seal: 1 x 10mm flat sealing wire
- ③ Gas-flush: Injecting food-gas for product protection and longer shelf life
- ③ Soft-air: Controlled ventilation for protection of product and packaging
- ③ Single chamber floor models
- ③ All Parts in Stainless Steel



## AUTOMATIC POUCH FILLING AND PACKING MACHINE

### Features

- ③ Capacity: 50 gm to 1 Kg
- ③ Power: 500 w
- ③ Max Film Width: 420 MM
- ③ Dimensions: 870\*700\*1500MM
- ③ Weight: 200Kg



## BUCKET ELEVATOR (FOOD GRADE APPROVED)



### Features

- ① To feed cashew nuts into the Any Next Process System.
- ① Conveyor Length:Customize
- ① Power: 1.0 HP Geared Motor
- ① MOC - MS
- ① Metal Brand: Tata Steel Or Essar Steel
- ① Power Required: Three Phase





## OUR INFRASTRUCTURE





एन एस आई सी  
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ISO 9001 : 2008



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