

PIDE

**Technology &
Machine Manufacturing**



COMPANY INFORMATION

Established in 2010 VINAMECH can supply varied about kind of food processing machine, Electromagnetic Vibrator and Industry automatic system.

OUR MISSION STATIMENT

We always finding solutions that help our customer to grow and succeed. We genuinely care about getting you established with the right machinery to help streamline your production.

OUR SECTOR CAN SUPPLY



Machinerys about Food Processing



Feeder Vibrator



Motion & Driver



Measuring Equipment



Industry Electrical & Automation System

CRUSHER MACHINE

Application for: Edible nuts

The size after slice: 3, 4, 5, 6 mm

Fabrication materials: SS304 for steel follow your custom



Specifications

- Power 1.5kw 3P 380V 50/60hz
- Rate 1:45
- Cap. 500-1200kg/ hour
- Knife type: Quickly reassemble

Weight & Packing

Quantitive Weight for Packaging



- Function: Quantitive Weight
- Application to packing small bag
- Product be packaged are edible nuts
- Fabrication materials: Stainless steel
- Capacity: 120-150 bag/ hour for bag with mass are 22.68kg
- Advantage: high precision due to using vibrator 3 stages
- Weakness: capacity is pretty slow.



QUANTITATIVE WEIGHER

TYPE: LINEAR

FUNCTION: SINGLE OR MIX



Specifications

Head	04
Weight	200-2000g
Cap.	20-35 bags/ min
Power	1P 220VAC 50/60hz



WEIGHER HOPPER



QUANTITATIVE VIBRATOR

Packaging

Cashew kernel packaging machine line

- Function: check input by hand and reject impurities cross X-Ray Machine
- Fabrication materials: the grade 304 stainless steel
- Quantitative weight
- Packaging and vacuum



- Weight system is controlled by HMI and connect computer will support easy to reporting and save the database

Vacuum Machine - Directly



Specification:

- Type: Vacuum Machine
- Model: VNM10-H850
- High of bag: max 850mm
- Variety type of bags: Customized
- Sealing length: max 850mm
- Cap. 100-150 bags/ hour
- Power of Pump: 2.2kw
- Control: PLC & HMI
- Vacuum pressure: analog
- Ensure uniformity about oxygen concentration
- High efficiency
- Dimensions (H*W*D):
1600*1200*1000

Vacuum Machine - Indirectly

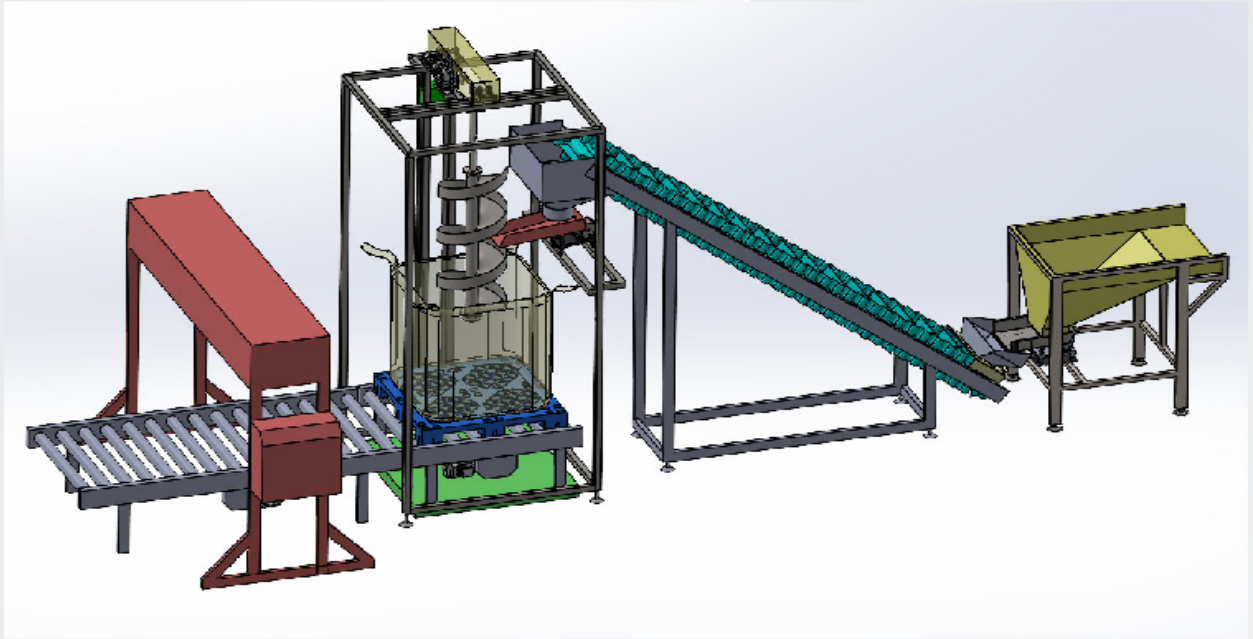
Specification:

- Type: Vacuum Machine
- Model: VNM10-C550
- High of bag: max 650mm
- Sealing length: max 650 - 850mm
- Cap. 100-120 bags/ hour
- Power of Pump: 3kw
- Control: PLC & HMI
- Vacuum pressure: analog
- Ensure uniformity about oxygen concentration
- Dimensions (H*W*D):
1200*710*1000



JUMBO PACKAGING LINE

Edible Nuts



General Information

- Name of line: Jumbo Packaging Line
- Article No.: Jp10- LA5000
- Packaging objects: Edible Nut Kernel
- Weigher system: Automatic - Precision +/-200g
- Vacuum and sealing: Option (auto or semi auto)
- Bag hook: Manual
- Capacity: 3-4 tons/hour
- Controlled: PLC & HMI
- Reducer system: done
- Fabrication materials: stainless steel
- Feeder conveyor: PVC
- Quantitative vibrator
- Densification vibrator: Motor
- Overall Dimension (L*W*H):
7500*2000*4000

Operation

- The bag is hooked to 4 hooks.
- The bag is ready then press the Start Button
- The materials fill to Jumbo bag by Conveyor, Vibrator and screw shaft
- The Vibrator to quantitative for weigher system
- The Screw to reduce kernel breaking
- The screw will movement automatic up respective with full leve of the materials.
- If the bag not pure then outside motor vibrator structure will implement make densification for the materials.
- The weight value is reach to setting then feeder system will slow to increase precision.
- Vacuum and sealing completed a batch.
- Move bag out of the roller conveyor by forklift
- Roller conveyor: Automatic
- The conveyor will Run or Stop by bag sensor

Vacuum and sealing



- Power supply 3P 380V, 7.5Kw, 50/60hz
- Air supply:
Power 7.5 HP, pressure 5-6 bars
- Vacuum pressure -1 to 0
- Sealing line 10mm
- Control system: PLC & HMI
- Mode: manual and semi automatic

Packaging

Jumbo Packaging

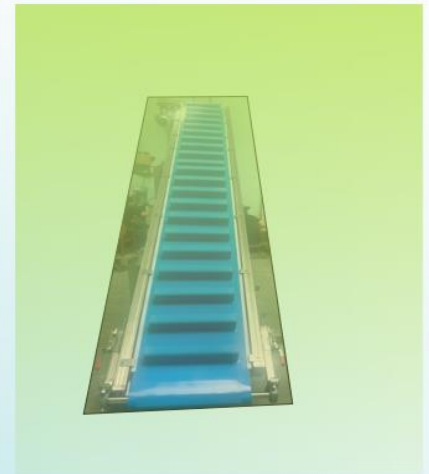


Type: Bulk bag
Mass: 850-1000kg
Accuracy: +/- 0.5%

Feeding

Conveyor

Type: PU Conveyor quickly release
Belt: Homogeneous
Frame: The grade 304, stainless steel
Controller: VFD
Gear Motor: Bonfiglioli



Type: PP Conveyor
Belt: PP
Frame: The grade 304, stainless steel
Controlled: VFD
Gear Motor: Bonfiglioli



Type: Roller Conveyor
Application: Bulk bag packaging
Frame: The grade 304, stainless steel
Roller: D90
Controller: VFD
Gear Motor: Bonfiglioli



Supporting Equipment

Solution for efficiently commissioning



Decrease broken hopper



Platform

Operation safety, we always are specials take care
We have some solution safety commissioning as: The platform is flexible with each different machine structure



Cashew kernel processing machine

Cashew feeling machine



Type: 3 ways 60mm
Capacity: 350-400kg/ hour with input type A, B
Power: 5.5kw 3P 380V
Air pressure: 3 bars
Controlled: PLC & HMI
whole rate: 85%
Broken rate: 12-15%

