



**Alpa Agro**<sup>®</sup>  
Industries

**MANUFACTURER OF  
Peanut Processing Machinery & All Agriculture Equipment**

WE ARE PROVIDING  
**BEST QUALITY &  
SERVICE**





**Mr. Suresh Chavda**  
(Director)



**Mr. Prakash Fataniya**  
(Director)



WE ARE GROWING

**SINCE - 2004**



## ELECTRIC DRYER

The electric dryer is a specialized machine designed to dry peanuts by reducing their moisture content from 15% to 6%. This process is essential to ensure the peanuts are suitable for storage and consumption, preventing mold growth and spoilage. The dryer operates by using an electric heater to generate hot air, which circulates through the peanuts and removes the moisture. The temperature inside the dryer is adjustable, ranging from 0 to 120 degrees Celsius, allowing for precise control over the drying process to achieve optimal results. The drying process is automated, ensuring consistent and efficient operation. It takes approximately 30 minutes to reduce the moisture content of the peanuts by 1%. Therefore, to achieve the desired reduction from 15% to 6%, the dryer would typically operate for about 4.5 hours.

The electric dryer is an essential tool in the peanut processing industry, helping to maintain the quality and safety of the product through effective moisture control.

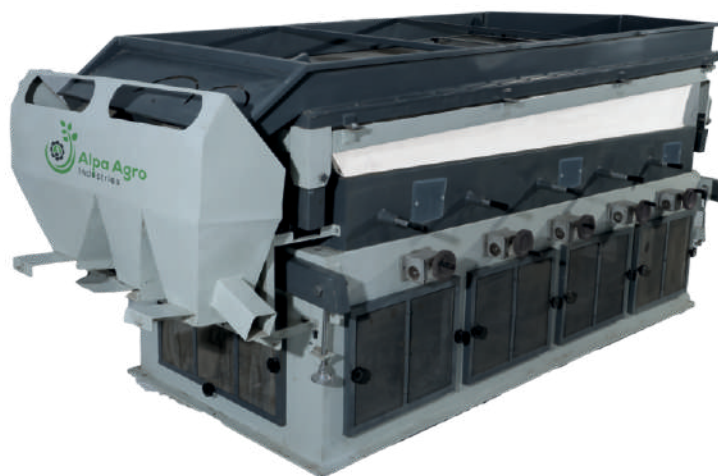


### ELECTRIC DRYER

Capacity (Inshell)	Energy
6.5 MT/H	25 KW

## GRAVITY SEPARATOR

Gravity Separator machine is for separating products from impurities, products with very slight difference in sizes and were separated previously like (weak, damaged, lost moisture and discoloured products). With this cleaning process the quality is increased. Effective separation in sesame and cumin products. Barley is absolutely a product that should be in agricultural products such as wheat for sowing. Germination rate of the seeds in one machine clearly rises.



### GRAVITY SEPARATOR

Capacity (Inshell)	Size of Deck	No. of Fan	Electric Motor	
			Fan	Deck
3-4 MTHH	1050 x 2350 mm	5	12.5HP	1
5-5.5 MT/H	1150 x 3110 mm	5	12.5HP	1

# MTR VIBRO SEPARATOR



MTR Vibro Separator is implemented in separation of Oversize and Undersize admixtures from seed lot in. Grain, wheat, durum, corn/maize, rye, soyabean, oat, buckwheat, spelt, millet, and rice mills for basic cleaning or in bulk storage systems for pre-cleaning. In addition, it grades a wide variety of products by size. Efficient grain cleaning at high throughput rates

**Advantages :-** Speed and capacity adjustment with inverter, Drive by electric vibratory motors for negligible maintenance and highly effective screening. Choice of aspiration systems from basic aspiration case to high performance pneumatic channels, as follows: Version "A" separator with basic aspiration case for removal of dust. Version "B" blower located below the sieve basket in separator frame to blow dust of cleaned product.

## MTR VIBRO SEPARATOR

Grill	Capacity (Inshell)	Electric Motor
2	4 MT/H	1 + 1 HP 3 Phase 440 V.
3	6 MT/H	2 + 2 HP 3 Phase 440 V.

# PEANUT SHELLERS



The Alpha Agro Peanut Shellers is designed to shell peanuts with high efficiency, high capacity and minimal split creation. The Alpha Agro Peanut Shellers cylinder is devised keeping in mind ease of operation and low maintenance. The shelling grates (or concaves) are easy to replace. This rapid replacement feature allows the operator to change shelling grates quickly as the size of the peanuts change. The shellers are driven by motors, pulleys & v-belt. The Alpha Agro peanut shellers have an inbuilt fan for separating husk. There are three hardened shelling bars in each cylinder. These shelling bars are readily adjustable to give the proper distance between the bars and the shelling grate.

## PEANUT SHELLERS

Capacity (Inshell)	Energy
1 MT / H	7.50 KW
1.8 MT / H	9.50 KW



## MAGNATIC DE-STONER

Magnetic De-Stoner is specially designed for food precessing industries and flour mills to separate mud balls, black stones and other paramagnetic impurities from grains, spices, pulses and nuts. Our Machines are designed by using advanced technology and have the multi-stage system.



### MAGNATIC DE-STONER

Capacity (Inshell)	Energy
0-3.5 MT/H	1.5 KW

## VIBRO DE-STONER

The Alpa Agro vibro de-stoner is designed rugged and precise construction separates stones and other impurities from groundnut. The De-stoner include OLI vibrating motors for Advanced Aspiration System. The double deck covered with perforated sheets for sieving.



### VIBRO DE-STONER

Capacity (Inshell)	Energy
0-3.5 MT/H	11.25 KW / 1.25 KW

## TIK TOK DE-STONER



The Alpa Agro Tik Tok de-stoner is designed for separate peanuts from the impurities with high efficiency and minimum split. The deck surface covered with dimple hole sheets and there are blower is contoured under the deck. The impurities eject at the rear part of de-stoner and the peanuts accomplish.

## PEANUT DE-STONER



The Alpa Agro peanut De-Stoner is designed for separate peanuts from the impurities with high efficiency and minimum split. The deck surface covered with dimple hole sheets and there are blower is contoured under the deck. The impurities eject at the rear part of de-stoner and the peanuts accomplish.



### PEANUT DE-STONER

Capacity (Inshell)	Energy
3 MT/H	3.75 KW



# JUMBO DE-STONER

The Alpa Agro Jumbo De-Stoner is designed for separate peanuts from the impurities with high efficiency and minimum split. The deck surface covered with dimple hole sheets and there are blower is contoured under the deck. The impurities eject at the rear part of de-stoner and the peanuts accomplish.

## JUMBO DE-STONER

Capacity (Inshell)	Energy
5.5 - 6 MT/H	12 KW



# PEANUT GRADING GRADER

The Alpa Agro sizing shaker known as grading grader enables the user to grade the product to two or three sizes. The product is feed to inlet for optimal feed over the width of the machine and there are feed hopper with material flow control gate. The round end slots (staggered) perforated sheet is designed for peanut grading & it can be quick changed as requirement of different grades of product.

The Alpa Agro grading grader is multipurpose with many commodities like seeds, pulses, grains and many others.

## PEANUT GRADING GRADER

SIZE	Capacity (Inshell)	Energy
8 X 3	1.0 MT/H	1.50 KW
8 X 4	1.8 MT/H	2.25 KW
10 X 3	1.8 MT/H	2.25 KW
10 X 4	2.5 MT/H	2.25 KW



## GROUNDNUT GRADING GRADER



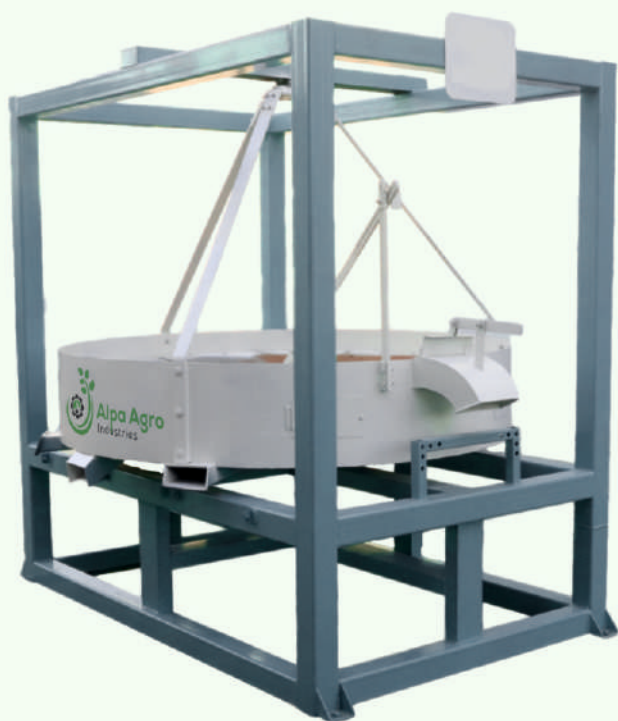
The Alpa Agro Groundnut Grading Grader is designed to separate the peanuts from unshelled groundnut, grimes and other impurities which discharge from peanut shelters. During initial times the Alpa Agro Groundnut Grading Grader had a single deck and it needed a worker for sustaining the machine.

The upper deck is covered with round hole & bottom with round slot easy changeable perforated sheets. There are four models and the capacity begins at 1.2MT/h.

### GROUNDNUT GRADING GRADER

SIZE	Capacity (Inshell)	Energy
10 X 3	1.5 MT/H	2.25 KW
8 X 4	1.6 MT/H	2.25 KW
10 X 4	2.5 MT/H	2.25 KW
10 x 3 x 6 x 6	2.5 MT/H	2.25 KW

## GROUNDNUT ROUND SEPARATOR



The Alpa Agro groundnut round separator is designed for separating the peanuts from bibadi (small unshelled peanut), husk, broken and split peanuts. The round slope deck is designed in three stages separating system with different perforated sheets. The upper part of round deck is connected with heavy duty cross holder same as bottom connected with heavy duty shafting. The centrifugal force occurs and the peanuts separated from other impurities.

There are three models in Groundnut Round Separator with the capacity of 1 mt/h to 2.4 MT/h.

### GROUNDNUT ROUND SEPARATOR

SIZE	Capacity	Energy
6 FT	1.0 MT/H	1.50 KW
7 FT	1.8 MT/H	2.25 KW
8 FT	2.4 MT/H	2.25 KW



## SHORTEX MACHINE



## BUCKET ELEVATOR

The Alpa Agro strives to provide our customers with a high performance elevator for gentle discharge of product. The Alpa Agro elevator runs with belt/chain and different size of buckets. The elevator driven with motor, pulleys and v-belt.



9X6 Bucket



8X4 Bucket



10X5 Bucket



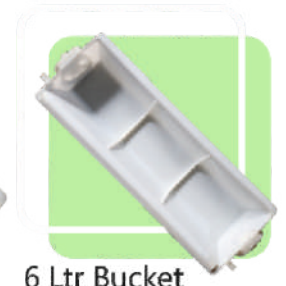
## Z & C ELEVATOR



The Alpa Agrp extremely gentle handling Z & C elevator is deigned for gentle discharge of product. It conveys horizontally or vertically in a range of configurations. The elevator include best quality floating sprockers, Gear reducer, bearings and PVC material based unbreakable bucket.



9 Ltr Bucket



6 Ltr Bucket



4 Ltr Bucket

## SHORTING TABLE



### SHORTING TABLE

SIZE	
12 INCH	18 INCH
15 INCH	24 INCH

The Alpa Agro sorting table has a smooth conveyor belt made of food-grade PVC, which wraps around two axes and allows the peanuts to be sorted at a selected speed.

There are four size in Shorting Table with the capacity of 3 mt/h to 6.5 MT/h.



# SCREW CONVEYOR

## SCREW CONVEYOR

SIZE
10 INCH
12 INCH
14 INCH
16 INCH
18 INCH



# BELT CONVEYOR

## BELT CONVEYOR

SIZE
15 INCH
18 INCH
24 INCH



# SEEDS GRADER

The Alpa Agro sizing shaker known as Seeds Grader enables the user to grade the product to two or three sizes. The product is feed to inlet for optimal feed over the width of the machine and there are feed hopper with material flow control gate. The round end slots (staggered) perforated sheet is designed for peanut grading & it can be quick changed as requirement of different grades of product.

The Alpa Agro Seeds Grader is multipurpose with many commodities like seeds, pulses, grains and many others.

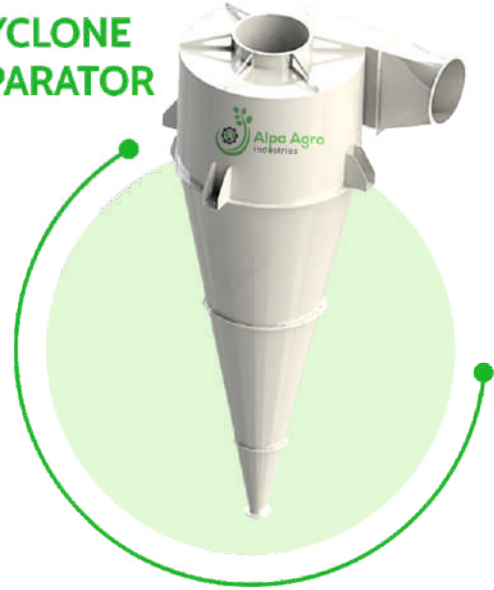


# ADDITIONAL EQUIPMENT

ASPIRATION CHANNEL



CYCLONE SEPARATOR



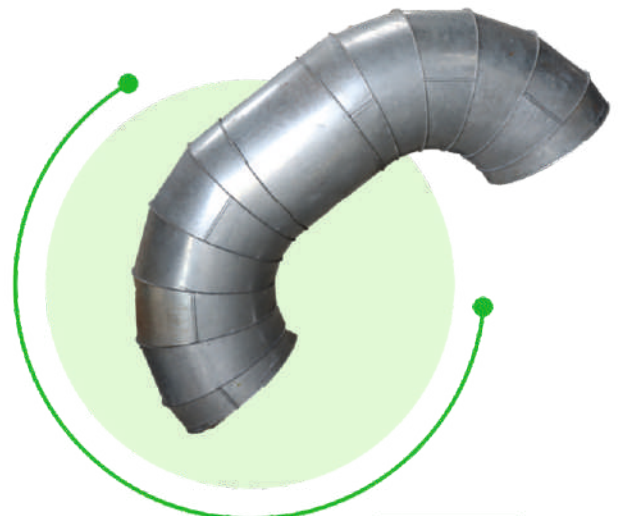
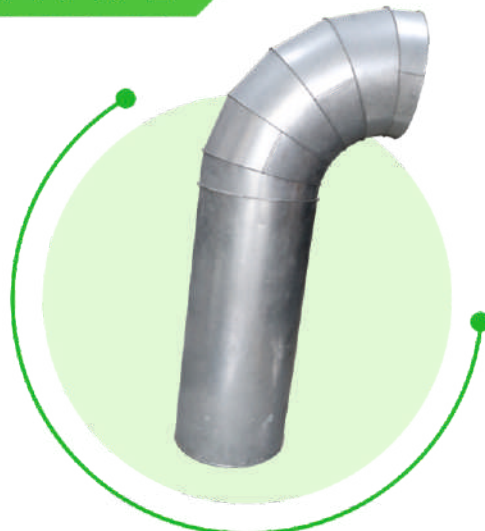
AIR LOCK



CENTRIFUGAL BLOWER



# VACUUM PIPE





# PEANUT PROCESSING PLANT







## OUR UNIT PLANT





## OUR VALUABLE CLIENT





# Alpa Agro Industries

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