

Product Profile



AGRO ASIAN INDUSTRIES

BETTER TECHNOLOGY KEEPS US AHEAD OF OTHERS

Manufacturers and Exporters of :-

High Quality Agriculture Equipments

COMPLETE LINE, TURN KEY PROJECTS

SEED GRADING/ CLEANING & PROCESSING MACHINES

YOUR ONE SHOP SOLUTION FOR PRE CLEANING & FINE CLEANING/GRADING



PRE CLEANER

PRE CLEANER :

The pre-cleaner is first and foremost designed to master pre-cleaning jobs at modern intake plants

- Furthermore it is also ideally suited to dress malting barley and milling grain to the highest quality commercial sample at a reduced throughput.
- In standard construction, the pre cleaner machines are delivered with the following features.
- The machine is fitted with inlet with feed roll.
- The aspiration chamber is fitted with one waste auger.
- The screen system consists of one sieveboat with 1 short scalping screen layer (1 screen part) and 2 long grading/sand screen layers (2 screen parts).
- The machine has an integral fan, fixed speed drive, and motors.
- The machine is of steel construction with sieveboat of laminated wood.

INDENT CYLINDER :

Used for additional separation or up gradation of seeds, grains of various crops on length basis after size & sieve cleaning. Also used for removing weed seeds, broken or cut, round grains, material longer than the desired crop seed.

The indented cylinder is constructed to be part of a modular system, this means that a quantity of indented cylinders can be so arranged to satisfy all demands to capacities and plant lay-out.



SINGLE INDENT CYLINDER



DOUBLE INDENT CYLINDER



SEED GRADING MACHINE :

This machine is suitable for the cleaning and grading of various cereal Seeds, Vegetable Seeds, Oil seeds, Pulses, Forestry Seeds like wheat Paddy, Maize, Bajra, Peas, Urd, Moong, Gram, Soyabean, Sunflower, Mustard, Jawar, Barley & Coffee Seeds etc.



1 TON GRADER MACHINE



2-2.5 TON GRADER MACHINE



4 TON GRADER MACHINE

Technical Specifications :

MODEL	DELUX MODEL	PUKHRAJ MODEL	GARUD MODEL
CAPACITY	1 TON PER HOUR	2.5 TON PER HOUR	4 TON PER HOUR
LENGTH	2200 MM (APPROX)	3035 MM (APPROX)	3065 MM (APPROX)
WIDTH	815 MM (APPROX)	1555 MM (APPROX)	1545 MM (APPROX)
HEIGHT	2010 MM (APPROX)	2460 MM (APPROX)	2410 MM (APPROX)
NO. OF SCREENS	2	3	3
NO. OF BLOWERS	1	1	2
BLOWER TYPE	CENTRIFUGAL	CENTRIFUGAL	AXIAL
NO OF ASPIRATION UNIT	1	2	2
GRADING SAMPLE	2 TO 3	3 TO 4	3 TO 4
ELECTRIC LOAD	5 H.P.	5 H.P. & 2 H.P.	10 H.P.
MOTOR USED	HAVEL'S CROMPTON OR STANDARD MAKE	HAVEL'S CROMPTON OR STANDARD MAKE	HAVEL'S CROMPTON OR STANDARD MAKE



AUTOMATIC GRAVITY SEPARATOR MACHINE :

Gravity separator machine or Gravity Separator may be used to separate any type of dry bulk particles that are similar in size and shape but differs in weight. Gravity separator are suitable for processing of the seeds of Corn, Wheat, Rice, Soybean, Sorghum, various vegetables and other agricultural and sideline products. The machine either be used in the grain processing plants or be used individually.



3 FAN AUTOMATIC GRAVITY SEPARATOR MACHINE



5 FAN AUTOMATIC GRAVITY SEPARATOR MACHINE



7 FAN AUTOMATIC GRAVITY SEPARATOR MACHINE

Technical Specifications :

MODEL	3 FAN GRAVITY G3	5 FAN GRAVITY G5	7 FAN GRAVITY G7
CAPACITY	1 TON PER HOUR	2-2.5 TON PER HOUR	4-4.5 TON PER HOUR
LENGTH	1600 MM (APPROX)	2375 MM (APPROX)	3145 MM (APPROX)
WIDTH	800 MM (APPROX)	1155 MM (APPROX)	1155 MM (APPROX)
HEIGHT	1130 MM (APPROX)	1450 MM (APPROX)	1525 MM (APPROX)
MOTOR USED	HAVEL'S CROMPTON OR STANDARD MAKE	HAVEL'S CROMPTON OR STANDARD MAKE	HAVEL'S CROMPTON OR STANDARD MAKE
NO. OF BLOWERS	3	5	7
BLOWER TYPE	AXIAL	AXIAL	AXIAL
ELECTRIC LOAD	4 H.P.	9 H.P.	13 H.P.
FILTER SIDE PANEL	6	8	10
SPEED CONTROL PANEL	STANDARD MAKE	STANDARD MAKE	STANDARD MAKE
DECK	WOODEN TYPE	WOODEN TYPE	WOODEN TYPE
SPOUT DISCHARGE	SELF EMPTY	SELF EMPTY	SELF EMPTY



DESTONER

DESTONER :

Destoner is effective solution for cleaning the food grains by removing stones, mud balls, metal pieces etc. It is compact and sturdy design to clean Rice, Wheat, Maize, Paddy, Jowar, Pulses & Spices & also Oil seeds. After the cleaning process, the stone destoner helps in separating the trash or any kind of stones in grains. Designed as per the usage requirements, these machines consume minimal amount of energy while yielding maximum returns.

The basic principle behind the working of destoners is the difference in density of the impurity and the grains.

SEED TREATER :

Seed Treaters use the weight of seed to operate the seed and slurry measuring system. The amount of seed measured is controlled by placement of a counter weight while the amount of slurry measured at each trip of the weighpan is determined by the size of the cups used in the metering pan.

Each time the weighpan trips, seed flows to the slow rotating cylinder. At the same time slurry is delivered on the top of the seed slurry and seed are then thoroughly Mixed in the cylinder and finally treated seed is discharged from the cylinder through 2 way discharge spout.

The seed dressing is pumped with the help of vertically submersible pump into the chemical metering pan and fed continuously through dosing cups which are easily interchangeable for variable dosing.

Capacity 1 to 10 ton Per Hour (according to the seed processing plant.) Electric Load - 2H.P.



SEED TREATER



BUCKET ELEVATOR

BUCKET ELEVATOR :

Bucket elevators are designed to move flowing powders, seeds, pulses, cereals or bulk solids vertically. Bucket elevators use an endless belt or chain and have a series of buckets attached to it. Bulk material is spread in to an inlet hopper. Buckets dig into the material and convey it up and over the head sprocket/pulley and then throw the material out a discharge throat.

Compact vertical system to convey dry materials. Bucket Elevators are designed for vertical conveying of materials several meters in height with a minimum space and ensure maximum safety.

Technical Specifications :

- Elevating height : 3~6 m
- Elevating capacity : 1~10 t/h (according to the specific gravity of elevated material)
- Size : According to the customer's request



GRAIN MOISTURE METER

Grain Moisture Meter are used to find the moisture in grains. Backed by a team of experts, these meters are fabricated using high grade raw material and advance technology by skilled professionals. Compatible with several substances, these moisture meters are highly demanded by the customers.

Use

- For Quick and Easy Moisture Testing

Widely Used for Following types of Grains

- Food Grains
- Pulses
- Oil Seeds
- Vegetable Seeds
- Rice
- Paddy
- Wheat



GRAIN MOISTURE METER

GRANULES PACKING MACHINE

Our firm is a notable manufacturer, exporter and supplier in providing supreme quality Granules Packing Machine that is extensively demanded in global market owing to its durability and functionality. Our team of experience professionals manufacture the offered machine using quality tested raw material and latest technology at our sound manufacturing facility. It is available in different specifications and is commonly used for packing granules. We offer this Granules Packing Machine at affordable prices.

Features:

- Robustness
- Noise-free operation
- User-friendly applications
- Long-service life
- Capacity 5- 50 kg



GRANULES PACKING MACHINE



COLLAR TYPE AUTOMATIC POUCH PACKING MACHINE

COLLAR TYPE AUTOMATIC POUCH PACKING MACHINE

We offer variety in collar type pouch packing machine.

- Collar type pouch packing machine with auger filler.
- Collar type pouch packing machine with volumetric cup filler.
- Collar type pouch packing machine with weigh filler.
- Collar type pouch packing machine with multi head weigh filler.



PNEUMATIC POUCH PACKING MACHINE

The machine is superbly constructed and compact, mounted on caster wheels for easy location at the end of the line packaging of product namely ; various powders, pan masala, granules, tablets, tobacco, cereals, tea dust, ground coffee, bhujia and host of similar free-flowing products, incorporated with Electronic Photocell Unit the correct sealing pattern of the pack is automatically maintained.

Technical Specification:

Suitable to pack variety of Granules & Powder material.

Pouch cut off length can be adjustable by clutch breaks system. Top & bottom sealing by pneumatics pressure. Machine operated with 12 kg per c.m.sq. Air Pressure.

Packing Material:

Any heat sealable laminated firm such as polyester/poly, BOPP/Foil, Heat sealable BOPP, Pearliest BOPP attached.

Machine Capacity:

The capacity of the machine is depending of the product and packing size. The speed will vary from 15 to 50 pouches per minute.

PNEUMATIC POUCH PACKING MACHINE

GRAINS, PULSES POLISHER MACHINE

Processing Machine We design, fabricate and offer an extensive array of food processing machinery that is made using high quality raw materials and precision made parts. Widely applicable in the food industry, these machines are known for their efficiency and cost effective rates. These machines are available have sturdy and compact design. Grains, lentil, dal, pulses is one of the important operations in dal milling process. To prepare the seeds, grains, pulses, lentil, wheat to have for preparing food from them, they are cleaned to remove any foreign objects. Next, the seeds, grains, pulses, lentil, wheat have their hulls, or outer coverings, or husk, removed then this machine will polish the lentil, dal, pulse for brighter looks.

Key Features of Grains, Pulses, Dal Polishing Machines.

- Unique and reliable design
- The grains, pulses, dals are highly effective as well as non-stop continuous polishing process.
- Easier operation and less maintenance cost.
- Retains proteins and natural shine.
- Compact design, occupies very little space.



GRAINS, PULSES POLISHER MACHINE



AGRO ASIAN INDUSTRIES

Turnkey Projects Installed by Agro Asian Industries



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