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Agro Asian **INDUSTRIES**

An ISO 9001:2015 Certified Company
An ISO 14001:2015 Certified Company
CE Certified Machineries



Your One Shop Solution For Pre Cleaning & Fine Cleaning/Grading



www.agroseedgrader.com
www.agroasianindustries.com



About Us

Catering to the needs of agricultural machine industry, we, Agro Asian Industries, have emerged as one of the leading An ISO 9001:2015 and An ISO 14001:2015 CE Certified manufacturers, exporters and suppliers. Our company was founded in 2013 and since then we are continuously climbing the success ladder. The success that we have attained today in this industry is because we offer an impeccable range of Wheat Cleaning Grading Machine, Grain Processing Machine, Spices Grading Plant Pre Cleaner, Seed Processing Plant, Vegetable & Fruit Cleaning/ Grading Plant and many such items.

These agro or food processing machinery have been developed as per the recent techniques so that they give productive outputs. Moreover, the hi-end performance, efficient working, long working life, easy to maintain and use and other such attributes of our products are greatly appreciated in the market by our customers. To gain the trust and satisfaction of our customers we always believe in following fair business ethics.





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Infrastructure

We have sufficient area there we manufactured our products with new technology automated systems, we have specialized unit for manufacturing with high quality products and services, adequate infrastructure with well defined system and procedures, dedicated, talented workforce of 100 people comprises of engineers, supervisors, workers at different levels committed to deliver best to their capability. Adhering to quality standards with continual improvement and up-gradation with latest design software and hardware, CNC Machineries of laser cutting, CNC Lathe etc. Agro Asian Industries (AAI) have derived their name over the nation which is increasing every year, which also reflected in the steady growth of the company over the past few years of incorporation.



Our Vision

As a quality-driven organization, we have created a remarkable place in the market by consistently maintaining the quality of our machines. In order to maintain optimum quality level in our machines, we have employed an experience team of quality professionals. We make certain that offered machines are precisely engineered using supreme class material in compliance with set industry norms. Also, the offered machines are methodically examined by our quality experts on defined measure in order to make sure their flawless performance and high efficiency.



Customer Satisfaction

Being a client centric organization, we strive hard to attain optimum client satisfaction. To attain maximum customer satisfaction, we offer these machine in both, standard and customize specifications as per the client's specific requirement. Due to our ethical business policies, client & quality centric approach and crystal clear trade dealings, we have garnered major client base all across the country. Our competitive pricing policy and on time delivery approach also helps us attain the utmost satisfaction of clients.



After Sales Services

- Continuously upgrading technology to enhance quality and cost competitiveness of our products
- Ensure on-time delivery of the products to the customers.
- Regular feedback and interactions with our valued customers to satisfied them.
- We maintain a safe and clean workplace to the employees and enhance their level of motivation.
- Enhance knowledge and skill of employees at all levels through continuous training and development.

BUCKET ELEVATOR

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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. 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 tons Per Hour (according to the seed processing plant.)

Technical Specifications:

Making Used: G.I. Steel/M.S.

Capacity: 1-10 TPH (As per requirement of plant)

Electric Load: 1,2,3 H.P.

Bucket Material: HDPE, Self Cleaning Type Buckets

Belt Material: Nylon

Head & Boot Casing Gauge: 10 Gauge

Leg Casing Gauge: 14 Gauge of GI Steel/MS with suitable inspection window:



Bucket Elevator



**Mobile Vertical
Bucket Elevator**



**Vertical Bucket Elevator
with Platform & Ladder**

DUMP HOPPER



This machine is suitable for auto slide gate will shut off the discharge of seed from dump hopper to first bucket elevator. The main purpose of auto slide gate is to prevent damage to belt, motor, chain, coupling etc.

Technical Specification

Capacity (TPH) Based on Wheat	1 m cube
Material Use	G.I. Steel/M.S. Sheet
Thickness of Sheet	2.5 MM

SEED PRE CLEANER / GRAIN CLEANER

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- 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.

Features:

In standard construction, the pre cleaner machines are delivered with the following features:

- The Machine is fitted with inlet with feed roll.
- Machine having double aspiration system, the aspiration chamber is fitted with one waste auger.
- The screen system consists of one sieveboat with 1 short scalping screen layer.
- 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.

Working :

Material is fed into feeding spout, from where it is evenly distributed by a feed roller and dropped through a control gate on the top sieve. Before falling on the top screen, material is subjected to primary aspiration which drains off dust, chaff straw and other light impurities. Material then passes through three sieve layers for separation according to width and thickness. Final product and impurities are collected separately through discharge chutes.

Optional Accessories: Air Trunk, Surge Bin, Feeding Elevator



Technical Specification

Model	PC-1	PC-2	PC-3	PC-4	PC-5	PC-6
Capacity (on Wheat Bared)	1 TPH 1-1.5	2 TPH	3 TPH	4 TPH	5 TPH	6 TPH
Length	2100 mm	2200 mm	2350 mm	2500 mm	2500 mm	2500 mm
Width	750 mm	1500 mm	1500 mm	1600 mm	1600 mm	1600 mm
Height	1900 mm	2350 mm	2450 mm	2450 mm	2500 mm	2500mm
No. of Screens	2	3	3	3	3	3/4
No. of Scalping Screen	1	2	2	2	2	2
No. of Grading Screen	1	2	2	2	2	2
Screen Cleaning Device	Rubber Balls	Rubber Balls	Rubber Balls	Rubber Balls	Rubber Balls	Rubber Balls
No. of Aspirations	2	2	2	2	2	2
Electric Load	4 HP (3+1)	5 HP	6 HP (5+1)	7.5 HP	7.5 HP	7.5 HP



SEED GRADER / FINE CLEANER

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Model: Mini Grader, Delux, Super Delux

This machine is suitable for efficient cleaning and grading of all crops such as Cereal Seeds, Vegetable Seeds, Oil Seeds, Pulses, Forestry Seeds like Wheat, Paddy, Maize, Bajra, Peas, Urd, Moong, Gram, Soyabean, Sunflower, Mustard, Jawar, Barley and Coffee Seeds etc. It is also suitable for cleaning and grading of spices like Cardamom, Cumin and pepper

Features:

- Robust machines of all steel construction.
- Sieves/Screen cleaning through rubber balls.
- Fully enclosed changeable Sieves.
- Feeding hopper is at low level with feed control gate.
- All sieves are in GI Steel material.

Working:

This grader does not need a feeding elevator as feed hopper is at low level. Seeds/Grains are fed into a low level feed hopper where they are sucked up by aspirator Fan. Before falling on top screen grains are subjected to primary aspiration which drains off chaff, straw, dust etc. Material is passed through two/three sieves layer for separation according to width and thickness. Sieves are cleaned by specially designed rubber balls.

Optional Accessories: Air Trunk, Dust Collector



Mini Grader



Deluxe



Super Deluxe

Technical Specification

Model	Mini Grader	Deluxe Model	Super Deluxe Model
Capacity	500 kg/hr.	1 ton per hour	1.5 ton per hour
Length	2000 mm (Approx.)	2200 mm (Approx.)	2400 mm (Approx.)
Width	750 mm (Approx.)	815 mm (Approx.)	1400 mm (Approx.)
Height	1800 mm (Approx.)	2010 mm (Approx.)	2330 mm (Approx.)
No. of Screens	2	2	3
No. of Scalping Screen	1	1	1
No. of Grading Screen	1	1	2
Screen Cleaning Device	Rubber Balls/Nylon Bush	Rubber Balls/Nylon Bush	Rubber Balls/Nylon Bush
No. of Blowers	1	1	1
Blower Type	Centrifugal	Centrifugal	Centrifugal
No. of Aspiration Unit	2	2	2
Grading Sample	2 to 3	2 to 3	3 to 4
Electric Load	3H.P.	5 H.P.	6 H.P. (5+1)
Motor Used	Havels, Crompton or Standard	Havels, Crompton or Standard	Havels, Crompton or Standard

SEED GRADER

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Model: Pukhraj Model, Nandi Zen

This machine is suitable for efficient cleaning and grading of all crops such as Cereal Seeds, Vegetable Seeds, Oil Seeds, Pulses, Forestry Seeds like Wheat, Paddy, Maize, Bajra, Peas, Urd, Moong, Gram, Soyabean, Sunflower, Mustard, Jawar, Barley and Coffee Seeds etc. It is also suitable for cleaning and grading of spices like Cardamom, Cumin and pepper

Features:

- Robust machines of all steel construction.
- Sieves/Screen cleaning through rubber balls.
- Fully enclosed: Easily Changeable Sieves.
- Feeding hopper is at low level with feed control gate.
- All sieves are in GI Steel material.

Working:

Material is fed into a feed hopper where they are evenly distributed by a feed roller and dropped through a controlled gate on the top sieve. Before falling on top screen, grain are subjected to primary aspiration which drains off chaff, straw, dust etc. Material is then passed through screen for separation according to width and thickness. Final product and impurities are collected separately through discharge chutes.

Optional accessories: Dust collector, Air Trunk, Surge Bin, Feeding elevator.



Pukhraj Model



Nandi Zen Model



Nandi Zen Model

Technical Specification

Model	Pukhraj Model	Nandi Zen
Capacity (based on Wheat) TPH	2-2.5 ton per hour	2-2.5
Length	3035 mm (Approx.)	2255 mm (Approx.)
Width	1555 mm (Approx.)	1300 mm (Approx.)
Height	2460 mm (Approx.)	3000 mm (Approx.)
No. of Blower	1	1
No. of Screens	3	3
Screen Lamination	Top: Variable, Middle & Bottom: Fixed	Top: Variable, Middle & Bottom: Fixed
Blower Type	Centrifugal	Centrifugal
No. of Scalping Screen	1	1
No. of Grading Screen	2	2
Grading Sample	3-4	3-4
Cleaning Device	Rubber Ball / Nylon Brush	Rubber Ball / Nylon Brush
No. of Aspiration	2	2
Fan Capacity	5500 cfm	7000 CFM at 115 mm WGSP
Electric Load	7.5 H.P.	5 H.P. Blower & 1 H.P. Screen Cradle
Electric Motor	Havels, Crompton or Standard	Havels, Crompton or Standard

SEED GRADER / CLEANER

Model: Garud & Nandi

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This machine is suitable for efficient cleaning and grading of all crops such as Cereal Seeds, Vegetable Seeds, Oil Seeds, Pulses, Forestry Seeds like Wheat, Paddy, Maize, Bajra, Peas, Urd, Moong, Gram, Soyabean, Sunflower, Mustard, Jawar, Barley and Coffee Seeds etc. It is also suitable for cleaning and grading of spices like Cardamom, Cumin and pepper.

Features:

- Robust machines of all steel construction.
- Sieves/Screen cleaning through rubber balls.
- Fully enclosed: Easily Changeable Sieves.
- Feeding hopper is at low level with feed control gate.
- All sieves are in GI Steel material.

Working:

Material is fed into a feed hopper where they are evenly distributed by a feed roller and dropped through a controlled gate on the top sieve. Before falling on top screen, grain are subjected to primary aspiration which drains off chaff, straw, dust etc. Material is then passed through screen for separation according to width and thickness. Final product and impurities are collected separately through discharge chutes.

Optional accessories: Dust collector, Air Trunk, Surge Bin, Feeding elevator.



Garud Model



Nandi Model



Nandi Model

Technical Specification

Model	Garud (Double Blower)	Nandi
Capacity (based on Wheat) TPH	3-4 ton per hour	1-4 ton per hr.
Length	3065 mm (Approx.)	2575 mm (Approx.)
Width	1545 mm (Approx.)	1750 mm (Approx.)
Height	2410 mm (Approx.)	3300 mm (Approx.)
No. of Blower	2	1
No. of Screens	3	3
Screen Lamination	Top: Variable, Middle & Bottom: Fixed	Top: Variable, Middle & Bottom: Fixed
Blower Type	Axial	Centrifugal Blower
No. of Scalping Screen	1	1
No. of Grading Screen	2	2
Grading Sample	3 to 4	3 to 4
Cleaning Device	Rubber Ball/Nylon Brush	Rubber Ball/Nylon Brush
No. of Aspiration	2	2
Electric Load	10 H.P.	7.5 H.P. Blower & 1 H.P. Screen Cradle
Electric Motor	Havels, Crompton or Standard	Havels, Crompton or Standard

INDENTED CYLINDER

Used for additional separation or up gradation of seeds, grain of various crops on length basis after size and 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 cylinder can be so arranged to satisfy all demands to capacities and plant layout.



Indented Cylinder Grader



Double Indent Cylinder

Technical Specification

Model	IC-1	IC-2	IC-3	IC-4	IC-5
Capacity (on Wheat Bared)	1 TPH	2 TPH	3 TPH	4 TPH	5-6 TPH
No. of Cylinder	One/Two	One/Two	One/Two	One/Two	One/Two
Speed of Cylinder	Variable	Variable	Variable	Variable	Variable
Length of Cylinder	1550 mm	1850 mm	2480 mm	2550 mm	2600 mm
Dia of Cylinder	485 mm	635 mm	635 mm	635 mm	710 mm
Electric Motor	1-2 H.P.	1-2 H.P.	1-2 H.P.	1-2 H.P.	1-2 H.P.

DE-STONER

Destoner is effective solution for cleaning the food grains by removing stones and mud balls 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.



AUTOMATIC GRAVITY SEPARATOR MACHINE/GRAVITY TABLE

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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 (SGS-3F)



5 Fan Automatic Gravity Separator Machine (SGS-5F)



7 Fan Automatic Gravity Separator Machine (SGS-7F)

Technical Specification

Model	3 Fan Automatic Gravity Separator Machine (SGS-3F)	5 Fan Automatic Gravity Separator Machine (SGS-5F)	7 Fan Automatic Gravity Separator Machine (SGS-7F)
Capacity	1-1.5 ton per hour	2-3.5 ton per hour	4-5.5 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.)
No. of Blowers	3	5	7
Blower Type	Axial	Axial	Axial
Electric Load	6 H.P. { 5 H.P. Blower 1 H.P. Deck	9 H.P. { 7.5 H.P. Blower 1.5 H.P. Deck	12 H.P. { 10 H.P. Blower 2 H.P. Deck
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
Motor Used	Havels, Crompton or Standard	Havels, Crompton or Standard	Havels, Crompton or Standard

MAGNETIC SEPARATOR

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Magnetic separator are called magnetic destoner. The machine provides unique solution to extract black stones, mud balls and other para-magnetic impurities from grains/seed.

Technical Specification :

Capacity : 1 to 6 tons / hrs.

Magnetic Grade : Higher Grade

Impurities to be trapped: Mud Balls, Fine MS Particles,
Ferrous Particle

Gauss Power: 10K - 13K Gauss Power

Motor : 1-2 H.P.

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.

Technical Specification

Capacity	1-5 tons/hr.
Electric Load	1-2 H.P.
Slurry Tank Material	SS 304
All Contact Parts in SS Flow of Chemical control by valve Two way discharge spout Seed flow to the slow cylinder	

ELECTRICAL PANEL BOARD



Suitable to control the electric motors with separate mcb, starter, light indicator, start stop switch, bus bar, volt meter, ammeter for incoming electric supply housed in pre fabricated powder coated electric panel. All electric parts make L&T/Schneider.



SEED DRYER

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Multigrain dryer is best in class with high end bio-furnance gives optimum output with precisely controlled temperature. It is suitable for all types of grains/seeds like wheat, paddy, maize, barley, soybeans and pulses etc.

Technical Specification

Type	Vertical Mesh Frauded
Batch Capacity	1-6 ton per batch
Tank Volume	10 m2
Furnace Fuel	Diesel (3-4 Ltr. per hr.)
Electric Power	18 HP, 3 Phase, 50Hz
Load & Recirculation	With the help of Bucket Elevator
Unloading	By pulling a lever
Temperature Display	Digital Auto temperature controlled

AIR POLLUTION CONTROL SYSTEM



This machine is suitable for connected to the dump hopper, and second air pollution control system shall be connected to precleaner, grader, gravity separator and indent cylinder. This machine shall be efficient and capable of keeping the machine area environmentally clean.

Technical Specification

Capacity	Suitable size and capacity as per requirement of site
Motor Make	Crompton/Rotomotive/Simens/ ABB Equivalent
Material of Ducting	G.I.
Cyclone dust collector	MS 1500 mm (d)



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 etc.

MULTIGRAIN PACKING MACHINE

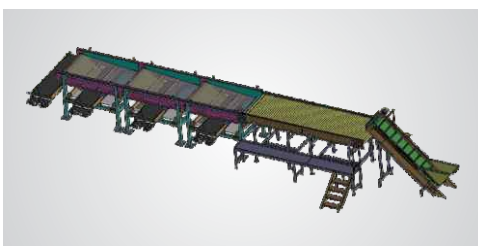


Our firm is a notable manufacturer, exporter and supplier in providing supreme quality Granules Packing Machine that is extensively demanded in global market owing to its durability and functionality. Our team of experience professionals manufacture the offered machine using quality tested raw material 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
- User friendly application
- Capacity 5- 50 kg
- Noise-free operation
- Long service life

VEGETABLE/FRUIT GRADING MACHINE



Vegetable Grading Machine



Fruit Grading Machine

Technical Specification

Feed Elevator	
MOC	: GI Sheet & MS Pipe
Belt	: PVC Food Grade
Electric Load	: 1 H.P., 3 Phase Geared Motor
Sorting Table	
MOC	: GI Sheet and MS Pipe
Length	: 2500-3000 mm
Width	: 600-650 mm of belt
Power	: 0.5 HP, 3 Phase
Screen Sizer	
The Sizer shall be fitted with Vibrating Rubber Screens with perforations on its surface.	
No. of Grades	: 3+1 oversize
Power	: 1.5 HP
Control Panel	
Control Panel helps in proper electrical synchronization and control of all the machines from a single place.	



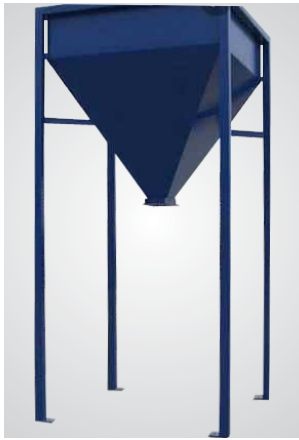
STORAGE BINS / BAGGING BIN

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It is suitable for storage for rejection material and bagging of granular material like seeds or grains of cereals, vegetable seeds, pulses, spices etc. Comprising of screw conveyor, V.B. Elevator and Bagging bin.



Storage Bin



Slat Conveyors

Screw Conveyors



Bucket Elevator

WEIGHING MACHINE



This machine is suitable for weighing material with a high precision in grams. Rugged use and friendly operation makes it suitable for multi-purpose use.

Technical Specification

Display	LCD/LED Type
PAN	Stainless Steel
Power	220 Volts

BAG STITCHING MACHINE



This machine is suitable for stitching all type of bags with single thread, chain stitching for smooth and thorough sealing of bags. It is provided with a micro switch touch start system.

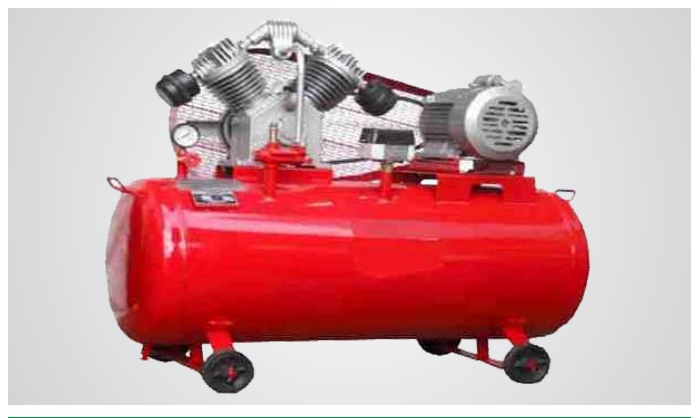
Technical Specification

Capacity	200-300 bags/hour
Make	Revo or any standard make
Mode of Operation	Portable with long flexible wire and 3-pin plug top

Complete with 02 Needle, 1 Loooper, 4 Allen Keys, 1 Spanner, Oil Can, Screw Driver, Thread Stand, Thread cone with suspension unit, etc

AIR COMPRESSOR

Air compressor is used for cleaning of machine deck and screens, for any residual grain, whenever crop to be processed is changed. It used high pressure air through a nozzle fitted with air conveying pipe.



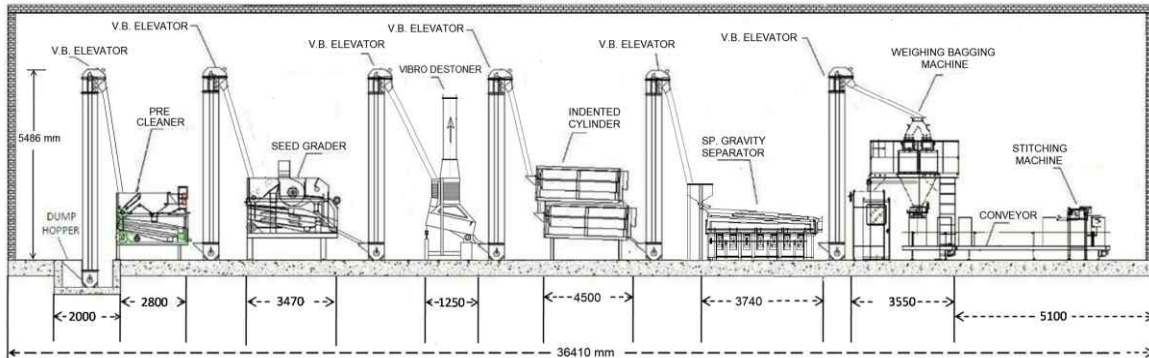


MOBILE SEED PROCESSING PLANT

TURNKEY PROJECTS INSTALLED



SEED PROCESSING PLANT (CAPACITY: 4 TPH)
(ELEVATION VIEW)



Manufactures and Exporters of :

HIGH QUALITY POST HARVESTING MACHINES

TURNKEY PROJECTS OF:

- All types of Seed Cleaning & Grading Plant
- All types of Grain Cleaning & Grading Plant
- Automatic Seed Processing Plant
- Automatic Grain Packaging Machine
- Vegetable & Fruit Cleaning & Grading Plant
- Mobile Seed Processing Plant





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