



Manufacture, Exporter & Supplier of  
Extensive Range of Agro Processing Machinery  
Integrated Systems And Customized Engineered  
Solution For Processing Grain And Seeds,  
Specializing In Rice Milling Machine



BOOSTING CONFIDENCE OF YOUR BUSINESS



## PRODUCT CATALOGUE



FOOD PROCESSING MACHINERY

Cutting Edge Technology Pioneering Innovation



**Cutting Edge Technology**  
**Pioneering Innovation**

## DELIVERING HIGH QUALITY

Green Rice Tech, is the market leader in manufacturer, exporter and Supplier of an extensive range of agro processing machinery, integrated systems, and customized engineered solutions for processing grains and seeds specializing in rice milling machines.



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- All Machinery capacity mentioned is on Paddy/Hr.
- Capacity varies with variety of paddy and also moisture content

# Drum Sieve

Drum sieve machine is useful for cleaning grains to detach unwanted particles, such as straw particles, string, paper, pieces of wood, leaves, etc. Industrial Drum Sieve Machine releases downstream machines and conveyors. It also defends them against working faults and damages to other machines. A drum sieving machine can be used for all types of grains. This machinery is also appropriate for the accomplishment of certain cleaning operations.



## Advantages:

- Versatile and can be used for all kinds of intakes.
- Serves to separate coarse impurities.
- Relieves on downstream machines and conveyors.
- Defends other machines against operating faults and damages.
- Also suitable for performing certain cleaning operations.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Power Recommended	Dimension (LxBxH in mm)
DRS08	DRUM SIEVE	8 Ton/Hr.	2HP+5HP+1HP	2000x1000x1600
DRS12	DRUM SIEVE	12 Ton/Hr.	3HP+7.5HP+1.5HP	2000x1200x1720
DRS16	DRUM SIEVE	16 Ton/Hr.	5HP+10HP+2HP	2300x1500x1600

# Pre Cleaner AF Series



The main function of this pre cleaner is to remove oversized and undersized impurities such as stones sand from the paddy. This also removes other impurities such as dust and straw.

## Advantages:

- Equipped with a highly efficient suction blower.
- Designed to accommodate easily removable trays.
- Relieves on downstream machines and conveyors.
- Provided with conveyor system which easily discharge immature paddy.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
AF001	PRE-CLEANER	5-6 Ton/Hr.	315	5HP/2800rpm, 2HP/1440rpm	2000x1000x1600
AF002	PRE-CLEANER	10 Ton/Hr.	315	7.5HP/2800rpm, 2HP/1440rpm	2000x1200x1720
AF003	PRE-CLEANER DOUBLE DECKER	16 Ton/Hr.	315	7.5HP/2800rpm, 2HP/1440rpm	2300x1500x1600

Please check the machine model number of the order

# Vibro Pre-Cleaner

The main function of this pre-cleaner is to remove oversized and undersized impurities such as stones and sand from the paddy. This also removes other impurities such as dust and straw.

## Advantages:

- Equipped with a highly efficient suction blower.
- Designed to accommodate easily removable trays.
- Provided with air aspiration system which easily discharges immature paddy.



## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Power Recommended	Dimension (LxBxH in mm)
VPC10	VIBRO PRE-CLEANER	4-5 Ton/Hr.	0.5 x 2 No's	2000x1000x1595
VPC12	VIBRO PRE-CLEANER	6-8 Ton/Hr.	0.5 x 2 No's	2000x1200x1595

# Vibro Paddy Destoner



The machine is designed to clean impurities like dust and paddy size impurities in the paddy. This machine functions effectively when the paddy is already pre-cleaned.

## Advantages:

- Equipped with superior quality vibro motors.
- Inclination of machine can be easily customized.
- Vibration force can be easily adjusted.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
VPD001	VIBRO PADDY DESTONER	4 Ton/Hr.	960 RPM	0.50 x 20 No's	1800x1450x2000
VPD002	VIBRO PADDY DESTONER	5 Ton/Hr.	960 RPM	0.50 x 20 No's	1800x1600x2000
VPD003	VIBRO PADDY DESTONER	6 Ton/Hr.	960 RPM	0.50 x 20 No's	1800x1600x2000

Please check the machine model number of the order

# Pneumatic Husker and Vibrator

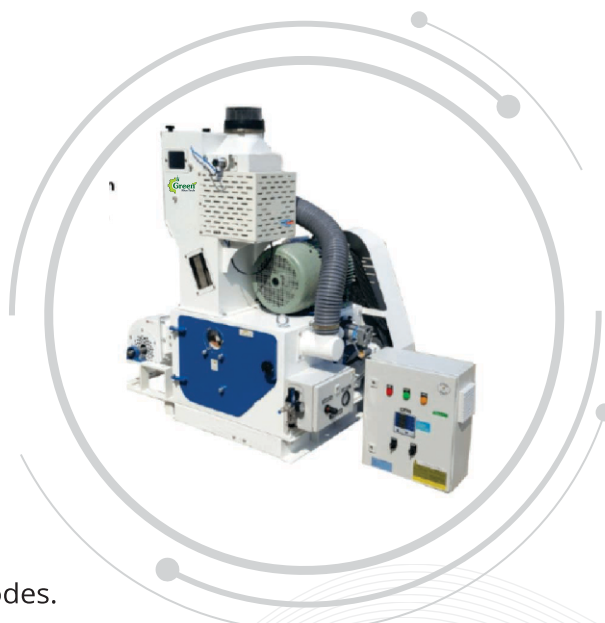
The machine is used for de-husking paddy and is fitted with two rubber rolls that run in opposite directions. Because of the friction developed in the crushing chamber, the machine offers up to 95% efficiency in shelling.

## Advantages:

- Installed with a sensor which automatically activates and deactivates the shelling system.
- Equipped with a moveable arm which move closer to the fixed arm based on the pressure setting.
- machine is equipped with both automatic and manual modes.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
PH00	PNEU. HUSKER	3 Ton/Hr.	1270	10 HP/1440 RPM	1500x1000x1300
PHV00	PNEU. HUSKER VIBRO	4 Ton/Hr.	1270	12.5 HP/1440 RPM	1500x1000x1730
PPH00	PADDY PNEU. HUSKER	6 Ton/Hr.	1270	15 HP/1440 RPM	1500x1000x1750



# Husk Aspirator

The main function of this machine is to separate husk from the shelled paddy. Shelled paddy is allowed to flow through specially designed arrangement of flops.

## Advantages:

- Equipped with a powerful blower for husk separation.
- Immature paddy is separated via a conveyor.



## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed RPM	Power Recommended	Dimension (LxBxH in mm)
HA3F00	HUSK ASPIRATOR	3 Ton/Hr.	1100	3 HP/1440 RPM	2300x1350x1440
HA4F00	HUSK ASPIRATOR	4 Ton/Hr.	1292	5 HP/1440 RPM	2300x1500x1440
HA6F00	HUS ASPI. JUMBO	5 Ton/Hr.	1292	5 HP/1440 RPM	2300x1700x1440

Please check the machine model number of the order

# Paddy Separator Max

The main function of this machine is to separate brown rice from paddy. The machine works on the principle of gravity and separates the feed into 3 parts: (i) Brown Rice (ii) Paddy (iii) Mixture of paddy and Brown Rice.

## Advantages:

- Complete automation capability with sensor.
- Higher efficiency with lower power consumption.
- Easy to operate and low maintenance costs.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
PSS00	PADDY SEPARATOR	2 Ton/Hr.	280 RPM	2HP/960RPM	1635x1590x1805
PSS01	PADDY SEPARATOR	3 Ton/Hr.	280 RPM	2HP/960RPM	1759x1590x1897
PSS02	PADDY SEPARATOR	4 Ton/Hr.	280 RPM	2HP/960RPM	1885x1629x2170
PSB00	PADDY SEP. BUTTERFLY	6 Ton/Hr.	280 RPM	3HP/960RPM	1960x1759x1948
PSB01	PADDY SEP. BUTTERFLY	8 Ton/Hr.	280 RPM	3HP/960RPM	1990x1990x2135



# Rice Destoner



The machine is used to eliminate the impurities like stone and clay particles from bran free finished rice. The design of this machine is based on gravitational principles and it is advised to install it after final polished rice.

## Advantages:

- Compact in design and consumes less power.
- Equipped with regular time intervals.
- Low maintenance and easy to operate.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Power Recommended	Dimension (LxBxH in mm)
RDS00	RICE DESTONER	3 Ton/Hr.	1.5 HP/1440 RPM	1060x809x1034
RDB00	RICE DESTONER	6 Ton/Hr.	3 HP/1440 RPM	1489x809x1515

Please check the machine model number of the order

# Rice Whitener VX Series

This next generation whitener is specially designed to give better degree of whiteness and maximum yield of head rice. This machine is the latest innovation from **Green Rice Tech** and is the result of cutting edge research and development.

## Advantages:

- Better yield of head rice with reduction in broken rice.
- High degree of polish with uniform whiteness.
- Equipped with self-cooling mechanism.
- Easy to operate and maintain.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
RWVX00	RICE WHITENER	3 Ton/Hr.	900 RPM	30 HP/1440 RPM	1347x670x1645
RWVX01	RICE WHITENER	4 Ton/Hr.	870 RPM	40 HP/1440 RPM	1465x700x1640
RWVX02	RICE WHITENER	5 Ton/Hr.	790 RPM	50 HP/1440 RPM	1660x740x1660



# Silky Master Jumbo

Silky Master Jumbo machines are the latest generation machines that give best quality polishing to rice and give a silky smooth finish to the rice grain. A special device provided with spray gun to get mist form with compressed air and water, it gives superior quality of smooth and silky rice.

## Advantages:

- Gives full silky finish to the rice.
- Equipped with a special spray gun to give uniformly silky rice.
- Suitable for raw, steam and boiled rice and gives high degree of finish to the rice

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
SM00A	SILKY MASTER	3 Ton/Hr.	822 RPM	40 HP/960 RPM	1632x680x1435
SMJ00	SILKY MASTER JUMBO	4 Ton/Hr.	840 RPM	60 HP/870 RPM	2150x730x1600
SMJ01	SILKY MASTER JUMBO	6 Ton/Hr.	840 RPM	75 HP/870 RPM	2150x810x1950

Please check the machine model number of the order

# Rice Sizer Ultra

This machine is designed for separation of thick and thin rice. This machine is equipped with SS wire screen and spiral nylon brushes for self cleaning of screen. This machine also separates charred rice, small tips, small and broken half broken from head rice.

## Advantages:

- Designed with easily removable screen system.
- Designed to reduce load on the color sorter.
- A geared motor with timing belt drive to avoid transmission losses by slippage.
- Suitable for raw, steam and parboiled rice.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
RSU03	RICE SIZER ULTRA	3 Ton/Hr.	160 RPM	2HP/1440RPM	1983x900x1635
RSU04	RICE SIZER ULTRA	4 Ton/Hr.	160 RPM	2HP/1440RPM	1983x1000x1635



# Rice Grader

This machine is specially designed to separate broken rice from head rice based on length of the input grain

## Advantages:

- Equipped with adjustable collection tray to ensure best separation.
- Equipped with a brush to clean the indents.
- Equipped with easily removable two half screens.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
RGF00	RICE GRADER MINI	1 Ton/Hr.	54 RPM	1HP/1440RPM	3236x650x795
RGB00	RICE GRADER BIG 3T	3 Ton/Hr.	28-38 RPM	2HP/1440RPM	4100x1075x1600

Please check the machine model number of the order



# Sifter Series

This next generation sifter is specially designed to efficiently separate broken rice from head rice. This machine is the latest innovation from **Green Rice Tech** and is the result of cutting edge research and development.

## Advantages:

- Designed with sophisticated multi-stage separation system.
- Designed with easily removable tray system.
- Equipped with rubber bouncing balls to prevent clogging of screens.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
SCS00	RICE SIFTER	2 Ton/Hr.	158 RPM	1.5 HP/2800 RPM 2 HP/960 RPM	1347x670x1645
RMG00	RICE SIFTER	4 Ton/Hr.	158 RPM	2 HP/2800 RPM 2 HP/960 RPM	1465x700x1640
RMG01	RICE MULTI GRADER	4 Ton/Hr.	158 RPM	2 HP/2800 RPM 2HP/960 RPM	1660x740x1660



# Bucket Elevator

The main function of this machine is to transport the grains from one location to the next location. This elevator is designed to get positive discharge with optimum output at slow speed.

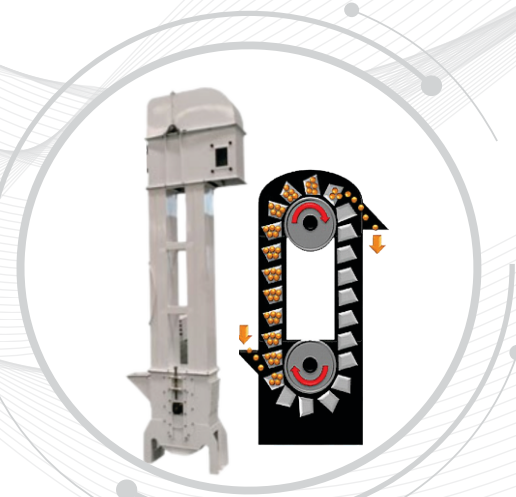
## Advantages:

- Designed to get optimum output at slow speed with positive discharge.
- Equipped with spoke pulley for better performance at the bottom deck.
- Easy to erect and consumes less power.

## Technical Specification:

Code No.	Product Name	Capacity on Paddy	Speed	Power Recommended	Dimension (LxBxH in mm)
BKT04	BUCKET ELEVATOR	4 Ton/Hr.	82 RPM	1 HP/1440 RPM	935x670x7775
BKT05	BUCKET ELEVATOR	5 Ton/Hr.	82 RPM	1 HP/1440 RPM	1018x735x7896
BKT06	BUCKET ELEVATOR	6 Ton/Hr.	82 RPM	1.5 HP/1440 RPM	1240x700x7750
BKT08	BUCKET ELEVATOR	8 Ton/Hr.	82 RPM	1.5 HP/1440 RPM	1078x785x7896
BKT010	BUCKET ELEVATOR	10-12 Ton/Hr.	82 RPM	2 HP/1440 RPM	1120x785x7896

Please check the machine model number of the order



# Screw Conveyor

A screw conveyor is a mechanism that uses a rotating helical screw blade usually within a tube, to move liquid or granular materials. They are used in many bulk handling industries. Screw conveyors in modern industry are often used horizontally or at a slight incline as an efficient way to move semi-solid materials, including food waste, cereal grains, animal feed, meat and bone meal, municipal solid waste, and many others. They usually consist of a trough or tube containing either a spiral blade coiled around a shaft, driven at one end and held at the other, or a "shaftless spiral", driven at one end and free at the other.

Screw conveyors can be operated with the flow of material inclined upward. When space allows, this is a very economical method of elevating and conveying. The rotating part of the conveyor is sometimes called simply an auger.



## Technical Specification:

Speed	:	3 m/s
Automation	:	Automatic
Belt Material	:	PVC
Usage	:	Material Handling
Material	:	Mild Steel
Length	:	Upto 15 feet
Belt Width	:	18 Inches
Capacity	:	50 kg/ft

# Chain Conveyor



## Technical Specification:

<b>Material Handling Capacity</b>	:	100-150 kg per feet
<b>Type</b>	:	Natural Holes
<b>Material</b>	:	Mild Steel
<b>Length</b>	:	20-40 feet
<b>Automation</b>	:	Automatic

Chain Conveyors is used to transport bulk materials, such as cereals, pellets, ground materials with a controlled flow, the conveyors provide a uniform and consistent mass flow and offer the following advantages:

This unit construction, sealed, wide choice of possible configurations: horizontal, inclined, with bend, alternative types of drive, inlets and outlets pre-positioned as required, minimum residue left, easy to build, compact.

It is used as different configurations to suit different products and requirements: single direction, transfer, double deck, reversable, discharge.

It is widely used for white food quality paint, hot dipped galvanising. It is robust and very economical in usage.

# Reel Machine

Reel Machine is known for its superior design, rugged construction, accurate performance and reduced running costs. their much acknowledged features are derived from the superior crafting done by our highly qualified and skilled professionals



# Emery Roll

Emery Roll machine can effectively remove the husk of gram, green whole lentil, red whole lentil, toor dal whole beans, green gram, moong black gram, urad. The specialty of our machine is that it takes less powder and gives maximum production, our superior quality emery rolls are made with mild steel. It runs on ball bearing.

# Chakki

Wheat Chakki Body (Flour Mill) machine is manufactured by Graded Cast Iron, Tested Mild Steel, Tested Carbon Steel, Emery Stone and also highly sophisticated machining it's an old technique but it dusts food grain very smooth and no foreign body mixed with this grain. This machine is operated by power (Electric or Engine) Quality product is main motto.





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