



The Grain Master



TM

# APEX AGROTEC

APEX AGROTEC PRIVATE LIMITED



## Trusted Machine Manufacturer

SALES  
**+91-9251598501**

SERVICE & SPARE  
**+91-9251598506**  
**+91-9251598508**

### Why Us?

- . Make in India
- . 24X7 Service Support with Spare parts
- . Expertise in manufacturing.
- . Energy Efficient
- . Low Maintenance
- . Timely delivery.

# MODERN TECHNOLOGY

Our manufacturing facility is equipped with modern CAD/CAM technology, milling machines, and CNC machines. In our press shop, we have advanced presses that ensure high accuracy and tool longevity. These presses range from 10 to 500 tons. Additionally, we offer a range of secondary operations to fulfill diverse customer needs, including welding, fabrication, mechanical press work, CNC pipe bending, CNC turning, CNC laser cutting, CNC bending, powder coating, 11-tank phosphating, nickel chrome plating, zinc plating, and allied equipment for complete in-house production to ensure that reliable and quality machines are supplied to our customers.

**VMC MACHINE**



**CNC LASER CUTTING**



**CNC TURNING MACHINE**



**SHEARING MACHINE**



**CNC BENDING MACHINE**



**TOOLING**



**PRESS MACHINE**



**FABRICATION**



## POWDER COATING



## GALLERY



## ELECTROSTATIC LIQUID PAINT



# GROW TOGETHER

★ GET SUCCESS WITH OUR RICE MILL MACHINERY ★



## PRODUCTS

PADDY CLEANER

RUBBER SELLER

SILKY

GRADER

DESTONER

PADDY SEPARATOR

ROTARY SHIFTER

BRAN CENTRIFUGAL

HUSK ASPIRATOR

WHITENER

SIZER

## ACCESSORIES

ELEVATOR

SCREW CONVEYOR

AIRLOCK

BELT CONVEYOR

BLOWER

SLIDING GATE

CHAIN CONVEYOR

CYCLONE

MAGNET

## COMPANY PROFILE

**APEX AGROTEC PRIVATE LIMITED** We are a manufacturer of Rice Mill machinery, offering complete solutions in grain processing from Paddy Cleaner, Paddy Cleaner Double Decker, Destoner, Dehusker, Paddy Separator, Whitener, Silky, Grader, Bran Centrifugal we are dedicated to achieving excellence in grain processing. We're a top player in the paddy mill machinery field, dedicated to innovation, quality, and happy customers. Our goal? To be the best food processing machinery maker worldwide, offering complete solutions. Our strong ethics and skilled team set us apart. custom-made solutions and cutting edge technology cost effective prices make us the first choice rice millers.

**After Sales:** Dedicated Customer Support Our team is committed to providing prompt and reliable assistance for any post-sale inquiries or technical support needs. We maintain a ready stock of genuine spare parts, ensuring minimal downtime and swift replacement whenever needed.

**Customer Satisfaction:** We are dedicated to delivering high-quality products, exceptional service, and tailored solutions to meet your needs, ensuring your experience with us is nothing short of excellent."



### MISSION

Our Mission is to provide complete solutions in grain processing through innovative and high-quality Rice Mill machinery. We are dedicated to achieving excellence in grain processing by offering a wide range of products, including Paddy Cleaner, Destoner, Whitener, Grader, and more.



### VISION

Our vision is to become the leading manufacturer of grain processing machinery globally. We aspire to set new standards in the industry by delivering top-notch products and services that exceed customer expectations. We aim to be recognized for our commitment to innovation, quality, and customer satisfaction.



### VALUE

We're dedicated to doing everything with excellence. We're always coming up with new ideas to make things better. Our products are of the highest quality, built to last and perform well. Making our customers happy is our top priority.

**Quality Policy:** Our main goal is to make our customers happy in the food processing industry. We do this by giving them the best technology and solutions from start to finish. We make sure everything we do is top-notch quality and follows all the rules and laws. This means we're always on top of things and doing our best for our customers.

# PADDY CLEANER



## Features

The Paddy Cleaner Mega series is designed to clean paddy, dal (pulse), wheat, maize, soya bean, peas, and all types of seeds and pulses. It gets rid of big and small impurities like stones, straws, mud lumps, twines, fine sand, and dust. With its 3-layer sieves and built-in blower, it makes sure that paddy is cleaned efficiently.

## Advantages

1. Equipped with a highly efficient suction blower.
2. Designed to accommodate easily removable trays.
3. Provided with conveyor system which easily discharges immature paddy.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	DECK MOTOR	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT
APX-PC-100	2-3 TPH	2 HP/1440RPM	2870mm x 1450mm x 2100mm	720 kg
APX-PC-120	3-5 TPH	2 HP/1440RPM	2870mm x 1750mm x 2100mm	1050 kg
APX-PC-150	6-8 TPH	3 HP/1440RPM	2870mm x 2050mm x 2100mm	1220 kg

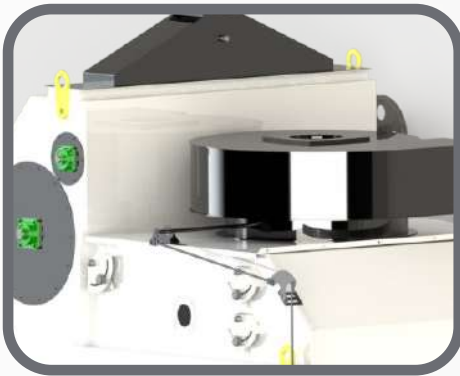
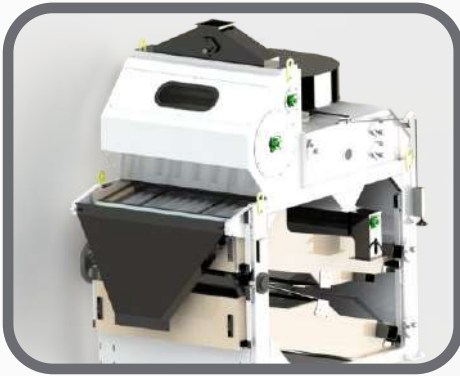


## PROCESS



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.

# PADDY CLEANER DOUBLE DECK



## Features

The Paddy Cleaner Double Decor 1500 is a machine used for cleaning various grains like paddy, dal (pulse), wheat, maize, soya bean, peas, and all kinds of seeds and pulses. It removes oversized and undersized impurities such as stones, straws, mud, lumps, twines, fine sand, and dust. With its 7-layer sieves and built-in blower, it ensures effective cleaning of paddy. Keep in mind that the specifications might change without prior notice due to ongoing improvements.

## Advantages

1. Equipped with a highly efficient suction blower.
2. Designed to accommodate easily removable trays.
3. Provided with conveyor system which easily discharges immature paddy.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT
APX-PC-DD150	12-16 TPH	3 HP/1440RPM	2965mm x 2100mm x 3180mm	2150 kg

## PROCESS



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.



## Features

The Vibro Destoner is a machine that accurately removes stones and impurities from paddy, dal, wheat, maize, and all types of seeds and pulses. It's specifically designed to de-stone paddy, dal, wheat, and pulses effectively. With its compact design and construction, along with CNC punched precise screens, it ensures accurate de-stoning. It operates using Vibro Motors, so there are no parts that move against each other.

## Advantages

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

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY	POWER REQUIRED	DIMENSIONS ( LxBxH )	APPROXIMATE WEIGHT
APX-DS-90	2-3 TPH	0.5HPx2	1620mm x 1070mm x 1960mm	450 kg
APX-DS-105	3-4 TPH	0.5HPx2	1620mm x 1220mm x 1960mm	505 kg
APX-DS-120	5-6 TPH	0.5HPx2	1620mm x 1370mm x 1960mm	540 kg
APX-DS-150	6-8 TPH	1.0HPx2	1620mm x 1670mm x 1960mm	690 kg



## PROCESS



# VIBRO SHELLER



## Features

The Vibro Sheller can shell up to 95% of various types of paddy, including raw, steamed, boiled, and basmati varieties. It operates automatically to reduce operational costs. Additionally, it has a blower arrangement to prolong the life of the rubber rolls.

## Advantages

1. Installed with sleeve type rubbers to get better output and yield.
2. Equipped with specially designed exhaust cum cooling blower to increase the life of the rubbers.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	DIMENSIONS ( LxBxH )	APPROXIMATE GROSS WEIGHT
APX-VS-250	3-5 TPH	12.5 HP/960RPM	1305mm X 920mm X 1306mm	760 kg
APX-VS-300	5-6 TPH	15.0 HP/960RPM	1305mm X 1020mm X 1306mm	830 kg

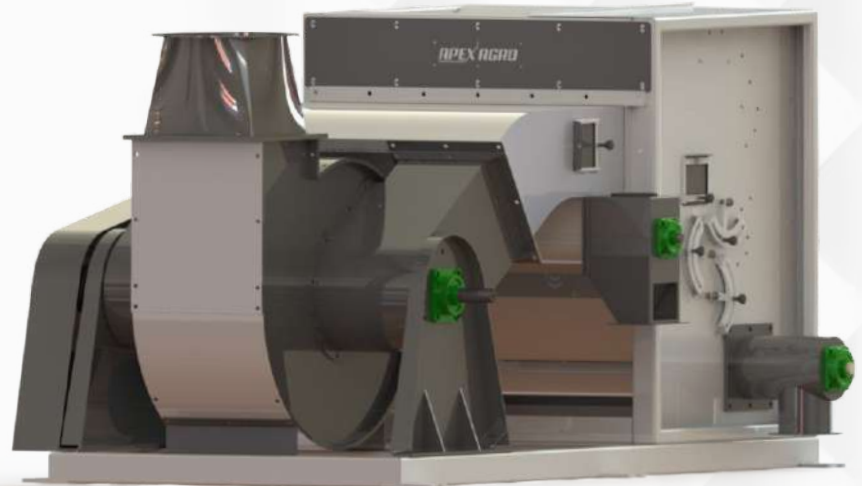


## PROCESS





# HUSK ASPIRATOR



## Features

The Husk Aspirator DLX is a machine that separates the shelled husk from brown rice. It comes with an inbuilt hopper arrangement to avoid losing valuable grains. The parts that are likely to wear out due to the abrasive nature of the husk are made with stainless steel in the necessary areas.

## Advantages

1. Equipped with a powerful blower for husk separation.
2. Immature paddy separated via a conveyor.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	DIMENSIONS ( LxBxH )	APPROXIMATE GROSS WEIGHT
APX-HA-500	3-5 TPH	7.5 HP/1440RPM	2220mm X 1180mm X 1120mm	460 kg
APX-HA-600	5-6 TPH	7.5 HP/1440RPM	2220mm X 1320mm X 1120mm	525 kg



## PROCESS



# PADDY SEPARATOR



## Features

The Paddy Separator Butterfly separates brown rice from paddy efficiently, handling higher capacities using gravity. Its double-sided tray oscillation motion takes up less space. It operates with a sensor-controlled mechanism for consistent performance.

## Advantages

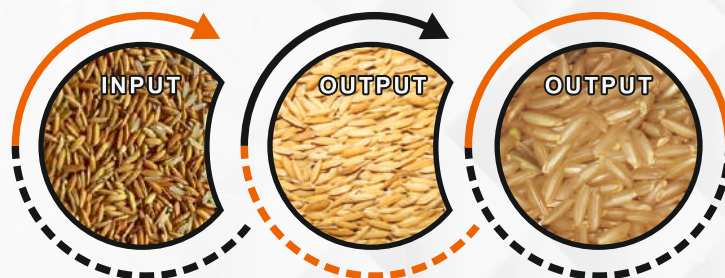
1. Complete automation capability with sensor.
2. Higher efficiency with low power consumption.
3. Easy to operate and low maintenance costs.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	NO. OF JALI	OVERALL DIMENSION (L X B X H)	APPROXIMATE WEIGHT
APX-PS60-1D	5-6 TPH	3HP/1440RPM	20	1700mm x 1650mm x 2200mm	620 kg
APX-PS60-2D	8-10 TPH	5HP/1440RPM	40	1700mm x 2100mm x 2200mm	1130 kg



## PROCESS



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.



## Features

The Whitener is made to whiten rice effectively while minimizing breakage. It delivers consistent polishing for the best results. You can adjust the whitening settings as needed. It's great for all types of rice, including raw, steamed, boiled, parboiled, and basmati. varieties.

## Advantages

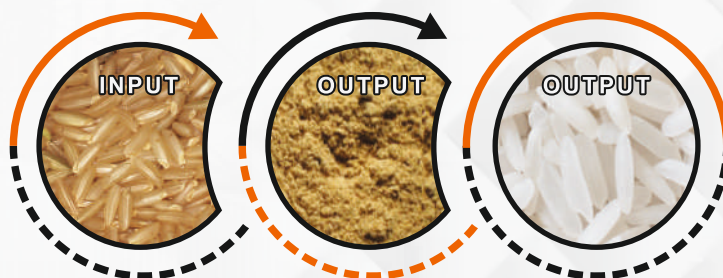
1. Double inlet provided for even feeding.
2. Easy polish adjustment mechanism.
3. High degree polishing with special abrasive wheels as per type of rice processing.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	STANDARD GRIT SIZE	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT	STONE DETAIL
APX-WT-250	3-4 TPH	30 HP/1440RPM	18, 24, 30	1470mm x 570mm x 1890mm	700 kg	250x170x60 (6nos)
APX-WT-310	5-6 TPH	40 HP/1440RPM	18, 24, 30	1550mm x 685mm x 2090mm	1030 kg	310x210x70 (6nos)
APX-WT-340	7-8 TPH	60 HP/1440RPM	18, 24, 30	1620mm x 790 mm x 2390mm	1200 kg	340x230x93 (7nos)



## PROCESS



# RICE POLISHER



## Features

The Silky Polisher is carefully crafted to enhance the shine of different types of rice while reducing breakage. It's perfect for raw, steamed, boiled, and basmati rice varieties. A specially designed cam roller ensures a high gloss finish. A cooling blower helps minimize breakage by regulating the temperature inside the chamber, resulting in bran-free rice. You can fine-tune the polishing for the best results.

## Advantages

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

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	OVERALL DIMENSION (L X B X H)	APPROXIMATE WEIGHT
APX-SP-S	5-6 TPH	50HP/1440RPM	1885mm x 670mm x 2025mm	700 kg
APX-SP-P	6-8 TPH	75HP/1440RPM	1890mm x 670mm x 2090mm	825 kg

## PROCESS



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.

# ROTARY SHIFTER



## Features

The Shifter sorts grains of different sizes based on their length and separates tips, small broken pieces, broken grains, and head rice. It has a self-cleaning feature to keep its performance consistent. An aspiration system stops dust and bran from getting out of the machine, making sure it runs cleanly and improves plant hygiene.

## Advantages

1. Designed with easily removable tray system
2. Equipped with a special spray gun to give uniformly silk rice.
3. Suitable for raw, steam and boiled rice and gives high degree of finish to the rice.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT
APX-RS-100	3-4 TPH	2 HP/960RPM	2010mm x 1290mm x 1890mm	905 kg
APX-RS-120	5-6 TPH	2 HP/960RPM	2010mm x 1580mm x 1965mm	1095 kg
APX-RS-150	6-8 TPH	3 HP/960RPM	2015mm x 1880 mm x 2160mm	1340 kg

## PROCESS



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.

# LENGTH GRADER



## Features

- Double inlet provided for even feeding.
- Easy Polish adjustment mechanism.
- High degree polishing with special abrasive wheels as per type of rice processing.
- Easy to replace the wear and tear parts.

## Advantage

1. Double inlet provided for even feeding.
2. Easy Polish adjustment mechanism.
3. High degree polishing with special abrasive wheels as per type of rice processing.
3. Easy to replace the wear and tear parts.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	DIMENSIONS (LxBxH)	APPROXIMATE WEIGHT
APX-GDR	1 TPH	3400mm x 650mm x 800mm	400 kg



Note: 1) The machinery's capacity mentioned is in paddy per hour. 2) Capacity can vary depending on the type of paddy and its moisture content. 3) Specifications might change without warning due to ongoing improvements.

# RICE SIZER



## Features

This machine is used to divide polished rice into various types based on their thickness. It also separates oversized rice, charred rice, tips, half-broken grains, and small broken head rice. An aspiration system stops dust and bran from getting out of the machine, ensuring clean operation and better plant cleanliness.

## Advantages

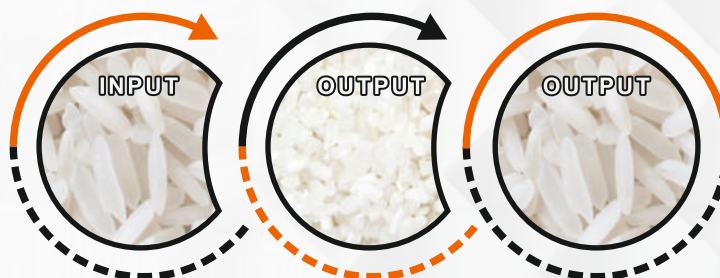
1. Designed with easily removable tray system
2. Designed with four stage separation mechanism for better performance.
3. Designed to reduce load on the color sorter.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY ON PADDY	POWER REQUIRED	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT
APX-SZ-4C	3-4 TPH	1 HP	2200mm x 950mm x 2310mm	810 kg
APX-SZ-6C	5-6 TPH	1.5 HP	2200mm x 950 mm x 2910mm	1210 kg



## PROCESS



# BRAN CENTRIFUGAL



## Features

The machine is strong made of heavy metal angles metal sheets and a sturdy shaft. It has really good bearings and housings to keep dust out.

Apex Agrotec Centrifugal has a very wider application. It is used for separation of left out rice tips from brawn in rice

## Advantages

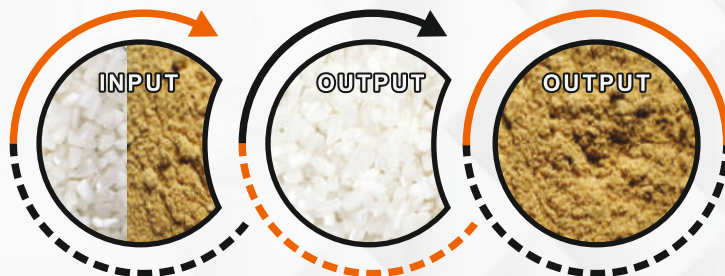
1. Low energy consumption.
2. Nylon net in machine helps high quality powder get filtered and collected in a bag.
3. It also has a nylon brush to clean the net.

## TECHNICAL SPECIFICATION

MODEL NO.	CAPACITY	POWER REQUIRED	DIMENSION ( LxBxH )	APPROXIMATE WEIGHT
APX-CF-80	4 TPH	2 HP/1440RPM	3050mm x 1050mm x 1615mm	710 kg
APX-CF-100	6 TPH	2 HP/1440RPM	3550mm x 1050mm x 1615mm	810kg
APX-CF-120	8 TPH	3 HP/1440RPM	4125mm x 1100mm x 1560mm	910 kg



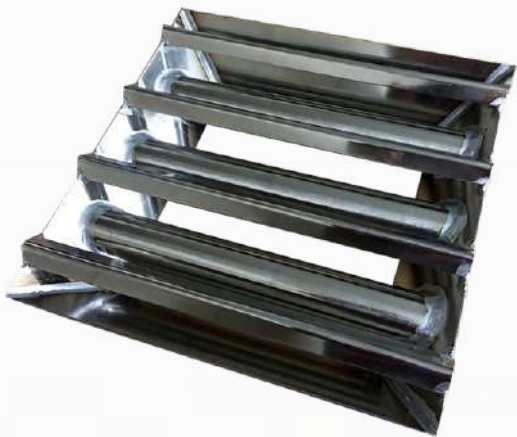
## PROCESS







**Blower**



**Magnext Rice Mill Hopper**



**Cyclone**



**Bucket Elevator**



**Screw Conveyor**



**Belt Conveyor**



**Chain Conveyor**



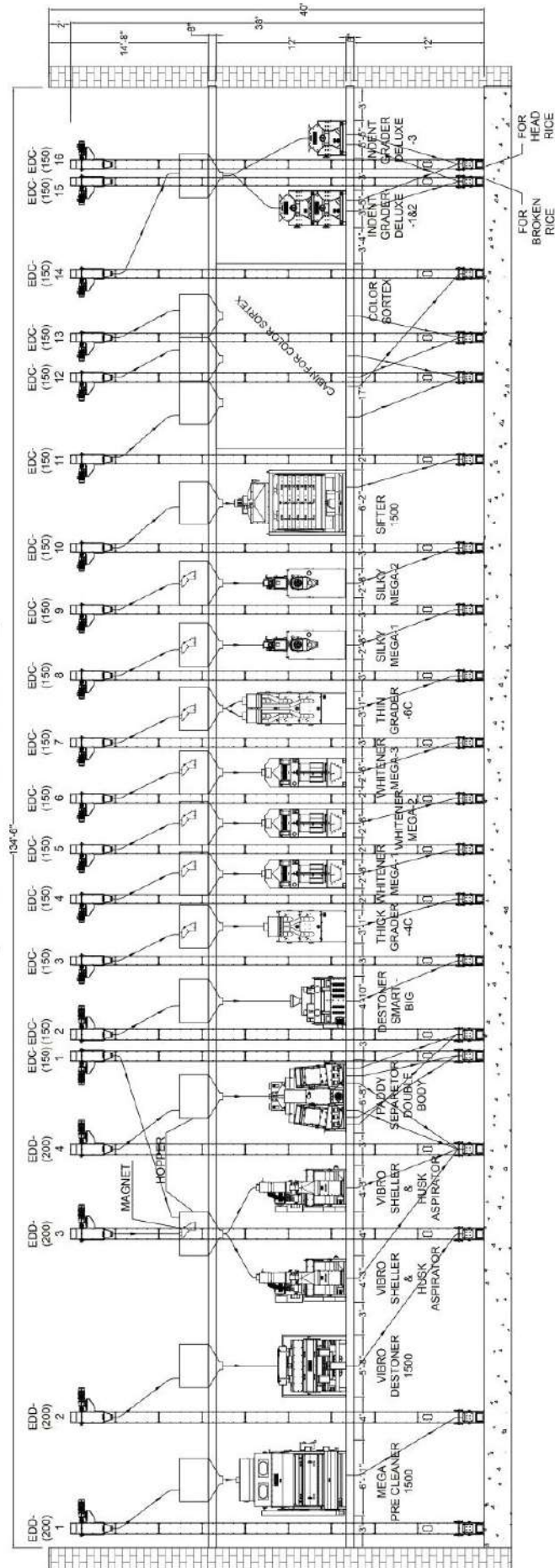
**Air Lock**



**Pneumatic Slide Gate**

# RICE MILL LAYOUT DRAWING

6MTPH-8MTPH ELEVATION





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- . 24X7 Service Support with Spare parts
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