



CRAFTING QUALITY GRAINS

RICE MILL  
MACHINERY  
MANUFACTURING



QUALITY AND  
STRENGTH

STRONG BY  
DESIGN

RELIABILITY AND  
PERFORMANCE

ENGINEERED FOR  
EXCELLENCE

[www.agrinexmachinery.com](http://www.agrinexmachinery.com)

## Our Mission

Our mission at Agrinex is to empower rice producers worldwide with the most advanced and efficient milling solutions, enabling them to maximize their productivity, **profitability, and sustainability**

## Our Vision

Our vision is to be the global leader in rice milling technology, renowned for our commitment to quality, reliability, and customer satisfaction.



# Our **ROOTS**

## Company Overview

Agrinex Machinery Pvt Ltd. is a leading manufacturer and supplier of state of the art rice milling machinery and equipment. With decades of experience in the industry, and is powered by **Power-Tech-Laser**, a leading nationwide laser-based industry we have earned a reputation for delivering high quality products and exceptional service to our customers around the world.

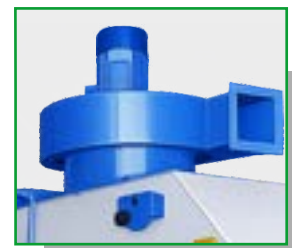
Welcome to Agrinex Machinery Pvt Ltd. your trusted partner in rice milling technology and solutions. At Agrinex, we are committed to revolutionizing the food industry through best machinery with innovative technologies, and unparalleled customer service.

## Our Products

● Paddy cleaner	01
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# PADDY CLEANER

[GPACL-800, GPACL-1500]



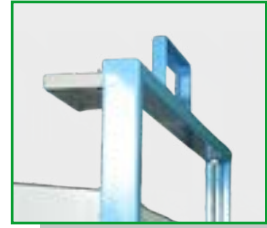
The machine structure contains the combination of standard heavy steel and imported laminated rubber wood. The machine is fitted with feeding apparatus with feed roll and aspiration system consists of pre-aspiration & final aspiration. The machine has an integral fan, fixed speed drive, motors for aspiration and sieve boat drive. G.I coated screens are provided in 3 layers and rubber balls are provided to avoid the clogging of the screens. This cleaning machine is to separate impurities like stones, grass, sand, immatured grains, dust from paddy. Efficiency, and market value in modern rice mills.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)
GPACL-800	3-6 TPH	Main Motor-2hp/1.5kw Blower Motor-5hp/3.7kw	415v/50hz	2600x1000 x2600	950 KG
GPACL-1500	7-8 TPH	Main Motor 3hp/2.2kw BlowerMotor 7.5hp/5.5kw	415v/50hz	2550x1700 x2600	1500 KG

# CLASSIFIER

[GCLA-1, GCLB-1]



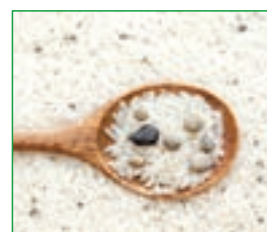
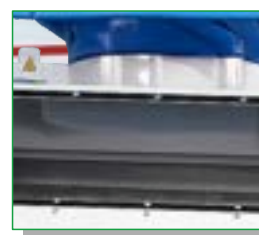
An Agrinex Classifier efficiently separates oversized and undersized impurities from multigrain. The machine is designed specially for paddy, rice, dal, and seeds. A classifier rice mill machine is specialized equipment designed to remove small sticks, medium sticks, oversize foreign material, and dust from paddy. Equipped with a dust aspiration system, easily adjustable screen inclination, minimum vibration, and noiseless operation. Easy-to-clean screens and accessible components reduce maintenance downtime.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	BLOWER REQUIRED MOTOR
GCLA-1	3-6 TPH	0.5HPX960RPM VIBRO MOTOR	415v/50hz	2658 X 1482 X 1675	650 KG	5 HP OR / 7.5 HP / BL Airlock Gear motor - 1 hp
GCLB-1	6 - 8 TPH	0.75HPX960RPM VIBRO MOTOR - 2NOS	415v/50hz	2658 X 1998 X 1725	1300 KG	10 HP OR / 12.5 HP / BL Airlock Gear motor - 1 hp

# VIBRO DE-STONER

[GDSA-1, GDSB-1,]



Agrinex De-stoner improves grain quality by removing stones and heavy impurities using vibratory motion, air suction, and precision screens. Suitable for rice, wheat, millet, and easy to maintain.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	BLOWER REQUIRED MOTOR
GDSA-1	3-4 TPH	Vibro MotoR 0.5hp/ 960RPM 2NOS	415/50HZ	1748 X 1848 X 2200	550KG	12.5 HP /Or/15 HP / BL Airlock Gear motor-1 HP
GDSB-1	5-6 TPH	Vibro Motor 0.5hp/ 960RPM 2NOS	415V/50Hz	1748 X1848 X 2200	550KG	15 HP / 11.25 KW / BL Airlock Gear motor-1 HP
GDSC-1	6-8 TON	VIBRO MOTOR 0.75hp/960RPM 2NOS	415/50HZ	2173 X 1560 X 2295	870KG	20 HP / 15 KW/BL Airlock Gear motor 2 HP

# HUSKER/HUSE

[GHSZ-1, GHSZ-2, GHSA-1]



An Agrinex Husk Aspirator is a vital rice mill component ensuring efficient husk separation and superior grain quality. With advanced flappers, a powerful blower, and an immature paddy separation system, it enhances output, efficiency, and smooth milling operations.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	Blower Required Motor
GHSZ1 36"	2 TPH /3 TPH	MOTOR 5 HP	415/50HZ	2300 X 1350 X 1440	458KG	----
GHSZ-2 42"	4 TPH / 5 TPH	MOTOR 7.5 HP	415V/50Hz	2300 X 1700 X 1440	521 KG	----
GHSB-1	5 TPH / 6TPH	MOTOR 5 HP	415/50HZ	2170 X 1829 X 1270	750 KG	Ventury Blower 5 HP / Or 7.5 HP



CONSISTENT  
**SHELLING**  
SUPERIOR  
**RESULTS.**

# Agrinex

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# PNEUMATIC SHELLER

[GPSA-1,GPSB-1 ]



An Agrinex Vibro Sheller ensures precise paddy dehusking with high-precision rubber rolls, an adjustable gap, and variable speed. It delivers gentle husk removal, minimal grain breakage, energy efficiency, low noise, easy maintenance, and a clean, high-productivity milling process.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	RUBBER ROLL SIZE (INCH)
GPSA1	3-4 TPH	MOTOR 10 HP /960 RPM / OR / 12.5 HP / 960 RPM	415v/50hz	880x1370 x1370	723KG	10 " ( INCH )
GPSB1	5-6 TPH	MOTOR 15 HP /960 RPM / OR / 20 HP / 960 RPM	415v/50hz	940x1370 x1385	784KG	12 " ( INCH )

# PADDY SEPARATOR

[GTSA-1,GTSB-1 ]



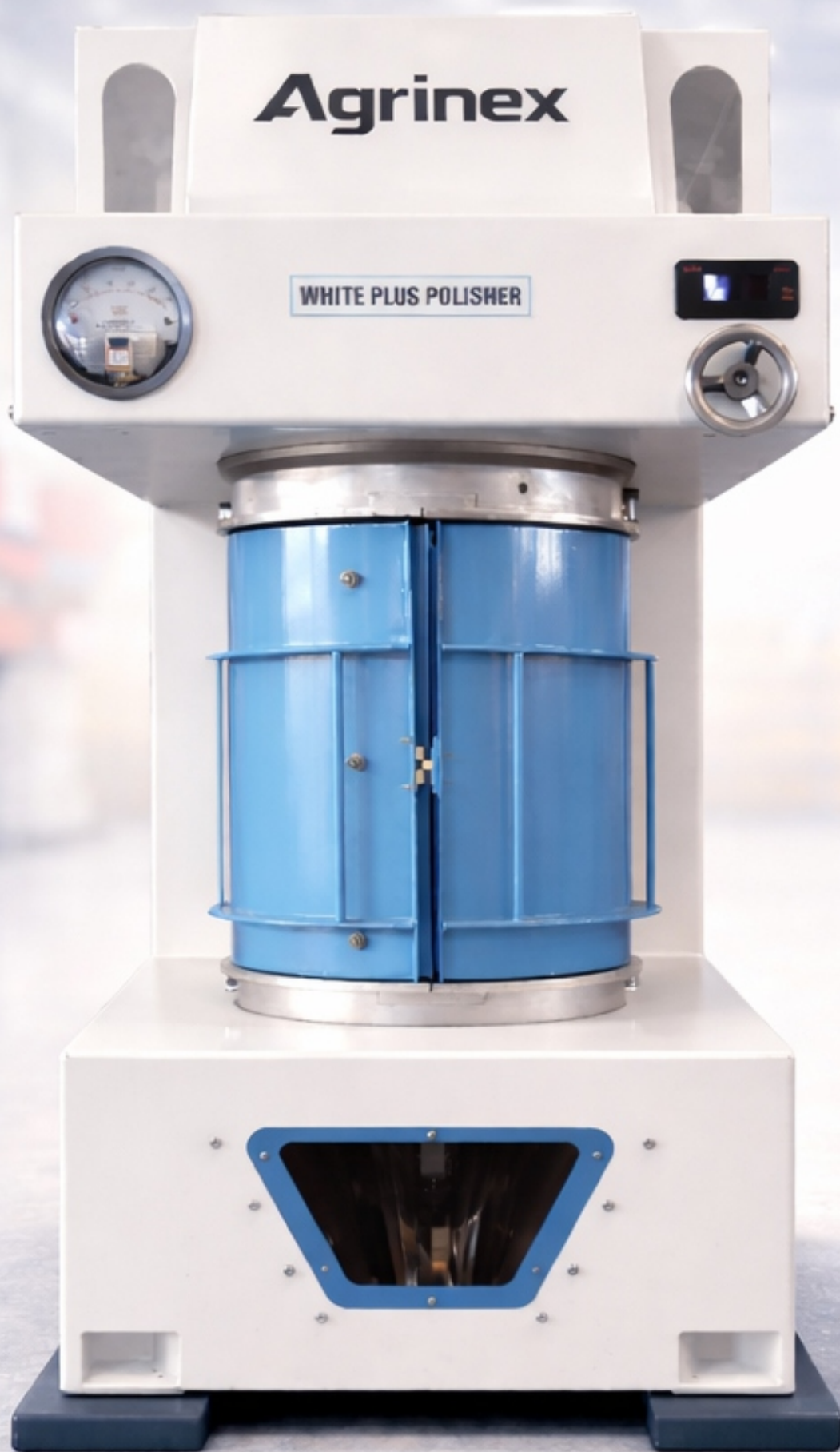
An Agrinex Paddy Separator is an advanced oscillation machine ensuring precise separation of paddy and brown rice. With gravity-based accuracy, durable build, low noise, and easy maintenance, it delivers efficient, high-capacity performance for modern rice mills.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	NUMBER OF TRAYS
G TSA1 (SEPARATOR-1D)	3-4TPH	MOTOR 3HP 960 RPM	415v/50hz	1290 X 1675 X 2150	700KG	20
G TSB1 (SEPARATOR-2D)	4 - 8 TPH	MOTOR 3HP 960 RPM	415v/50hz	1987 X 1675 X 2150	1071KG	40

**Agrinex**

WHITE PLUS POLISHER





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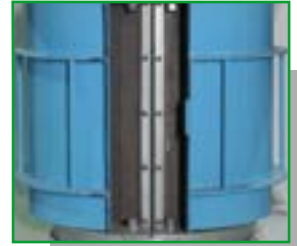
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**BRIGHTER  
GRAINS  
BETTER QUALITY**

# RICE WHITENER

[GWHB-1, GWHC-1, GWHD-1, GWHE-1]



An Agrinex Rice Whitener delivers uniform, glossy white rice through gentle bran removal. With advanced airflow, low breakage, and stable operation, it ensures superior finish, consistent quality, and efficient performance for all rice varieties.



## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	NUMBER G. WHEEL SIZE
GWHB-1	3TPH	25 HP/ 1440 RPM 30 HP /1440	415/50HZ	1535 X 620 X 1495 MM	718 KG	250 X 169 X 61 MM (6 WHEEL)
GWHC-1	4 TPH	40 HP/ 1440 RPM	415V/50Hz	1700 X 690 X 1990 MM	1062 KG	310 X 210 X 70 MM (6 WHEEL)
GWHD-1	5 TPH/6 TPH	50 HP / OR 60 HP MOTOR	415/50HZ	1697 X 800 X 1835 MM	1445 KG	340 X 230 X 90 MM (7 WHEEL)
GWHE-1	8 TPH/ 10 TPH	75 HP/ 1440 RPM	415/50HZ	2145 X 950 X 2435 MM	2100 KG	450 X 290 X 110 MM (10 WHEEL)

# MINI SILKY POLISHER

[GWPA-1,GWPB-1]



An Agrinex Mini Silky Polisher delivers supreme rice glazing through controlled friction. With stainless steel cam roller, screw feeder, and efficient cooling, it ensures higher head rice yield, silky finish, and minimal breakage.

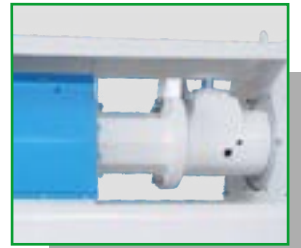
## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	WATER/ USE FOR POLISH
GWPA-1 (POLY M2)	2 TPH / 2.5 TPH	25HP/1440R PM FLANGE	415v/50hz	2350 X 800 X 2400 MM	480 KG	No Use Water
GWPB-1 (POLY M3)	SUPER GLASSES (MINI SILKY)	30HP/1440 RPM FOOT	415v/50hz	1510 X 700 X 1365 MM	400 KG	Water Pump / 1 HP



# SILK SHINE POLISHER

[GWPC-1, GWPD-1]



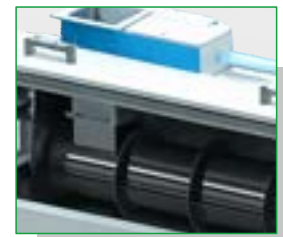
An Agrinex Silky Polisher machine is a testament to our commitment to providing innovative, reliable, and efficient solutions for the rice milling industry. With its high-quality performance, this machine is equipped with water-jet anti-siphon brass nozzles and a cooling blower to minimize temperature heat. It easily discharges bran and features special feeding and a water pump controlled manually with a sensor, slide gate, and timer control for easy operation. This machine is used to polish raw rice, steam rice, parboiled rice, as well as short grains and long grains.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	CONVEYOR SYSTEM
GWPC-1	3TPH / 4 TPH	40HP/1440 RPM, 50 HP/ 1440 RPM, 60 HP /1440 RPM	415/50HZ	2074 X 700 X 1677 MM	1400 KG	No Conveyor
GWPD1	4TPH / 5 TPH	50 HP/ 1440 RPM, 60 HP /1440 RPM	415V/50Hz	2074 X 700 X 2100 MM	1600 KG	With Conveyor

# SUPER SILKY POLISHER

[GWPC-3, GWPD-3]



An Agrinex Silky Shine Water Jet Polisher delivers exceptional, uniform grain polish using advanced air-water spray technology. Integrated with cutting-edge PLC & HMI systems, it efficiently processes all varieties of raw, steamed, and boiled rice—both short and long grain—with precision and consistency. steam and boiled rice.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	CONVEYOR SYSTEM
GWPC-3 ( SUPER SILKY-N3)	4 TPH / 6 TPH	50 HP/ 1440 RPM, 60 HP /1440 RPM 75 HP/ 1440 RPM	415v/50hz	2300 X 540 X 2000 MM	1670 KG	With Conveyor Better System
GWPD-3 (SUPER SILKY -8T )	6 TPH / 8 TPH	75 HP/ 1440 RPM 100 HP /1440 RPM	415v/50hz	2600 X 640 X 2200 MM	2300 KG	With Conveyor Better System

# RICE SHIFTER

[GSIA-1, GSIB-1]



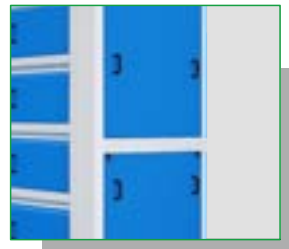
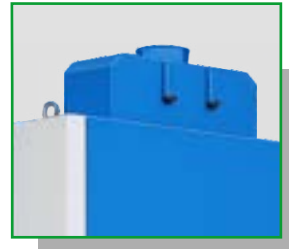
An Agrinex Rice Shifter is used in the rice milling process to segregate head rice and broken rice based on size. It ensures uniformity and enhances the quality of the final product. This machine is designed for the separation of broken rice diameter-wise with rotary motion. The machine is equipped with 5 trays and 5 outputs for different diameters of rice such as small broken, medium broken, big broken, and head rice. It is made from high-quality materials for durability and resistance to wear and tear.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	NUMBER OF SIEVES
GSIA-1 ( 1200 MODEL )	3 TPH / 4 TPH	Motor 1.5hp 960RPM	415v/50hz	1700 X 1800 X1140	687KG5	5 nos
GSIB-1 ( 1500 MODEL )	5 TPH / 6 TPH	Motor 2 hp 960RPM	415v/50hz	1700 X 2075 X1140	713KGS	5 nos

# THICKNESS GRADER

[GTGA-1, GTGB-1, GTGC-1]



An Agrinex Thickness Grader is an important machine in rice milling, offering precise grading to improve rice quality and meet market demands. Its advanced features and numerous benefits make it an essential investment for efficient, high-quality milling operations. This machine is designed for the separation of lower and higher size rice diameter-wise with cylindrical motion. An SS wire cylinder drum and cylindrical rotary brushes are equipped for self-cleaning, helping ensure good performance of the cylinder for sizing the rice. Customizable sieves or slot sizes accommodate different rice varieties and grading requirements.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	DIAMETER OF SIEVES
GTGA 1-2 D	2 TPH / 3 TPH	MOTOR 1 HP	415/50HZ	2100 X 1000 X 1800	500KG	300 MM
GTGB 1-4D	4 TPH / 5 TPH	MOTOR 2HP	415V/50Hz	2100 X 1000 X 2190	750KG	300 MM
GTGC 1-6D	6 TPH / 8 TPH	MOTOR 3HP	415/50HZ	2100 X 1000 X 2780	1200KG	300 MM

# LENGTH GRADER

[GLGA-1, GLGB-1]



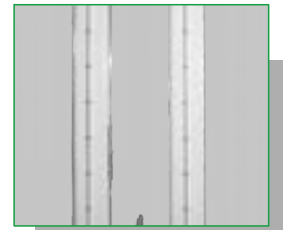
An Agrinex Rice Grader is an important machine in the rice milling process, used to segregate head rice and broken rice based on size. It ensures uniformity and enhances the quality of the final product. This machine is designed for the separation of broken rice through its lengthwise cylindrical motion. Cylindrical rotary brushes are equipped for self-cleaning, helping to maintain good performance. Broken rice easily flows through the conveying system to the discharge outlet hopper.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	MACHINE SIZE (LXBXH)	APPROX WEIGHT ( KG)	DRUM SIZE
GLGA-1	3 TPH / 4 TPH	2HP gear motor (1no) 36 RPM	415v/50hz	4368 X 1100 X 1380	920KG	700 MM DIAMETER ( 3060 MM LENGTH )
GLGB-1	4 TPH / 5 TPH	2HP gear motor (2noS) (36RPM)	415v/50hz	4368 X 1100 X 2112	1800KG	700 MM DIAMETER ( 3060 MM LENGTH )

# BUCKET ELEVATOR

[ELEV-125, ELEV-150]



Agrinex Bucket Elevator is engineered to deliver reliable operation and maximum efficiency for your plant. The design of this elevator allows for easy maintenance and cleaning to help reduce downtime and increase productivity.

## TECHNICAL SPECIFICATION

MODEL / TYPE	CAPACITY ON PADDY	REQUIRED POWER (HP)	VOLTAGE	ELEVATOR (PULLEY DIAMETER)	APPROX WEIGHT ( KG)
ELEV-125	3 MT of Paddy/Hr	7.5 KW/ 10 Hp	415/50HZ	300 DIA	450KG
ELEV-150	5 MT of Paddy/Hr	11 KW/ 15 Hp	415V/50Hz	360 DIA	650 KG





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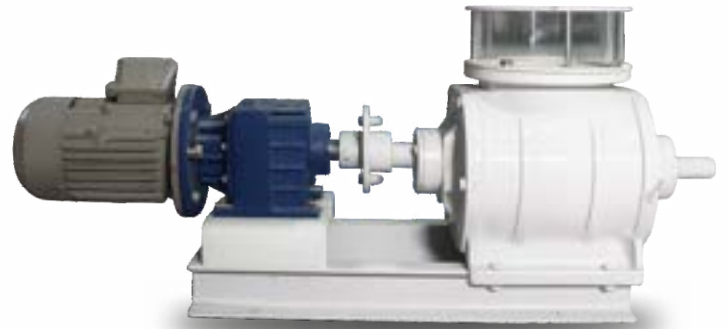
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# Accessories

# AIR LOCK

Agrinex Air Locking System delivers reliable sealing, discharge, and dust control for pneumatic conveying and ventilation in rice milling plants. Designed for smooth operation, low maintenance, and high efficiency, our Rice Mill Airlock ensures optimal process performance.



# BLOWER

Agrinex Rice Mill Blower delivers powerful ventilation, de-cleaning, and air conveying for modern rice milling plants. Designed for efficient exhaust performance, durability, and low maintenance, it meets precise industry standards.



## CYCLONE

An Agrinex Rice Mill Cyclone System efficiently separates air and solids for smooth dust extraction in rice milling plants. Engineered with optimal diameter and airflow design, it ensures high performance, durability, and easy integration with airlock and blower units.



## MAGNET BOX

An Agrinex Magnet Box effectively removes metal impurities like iron pieces, bolts, and screws while ensuring smooth product flow. Designed for multiple applications, it offers dustproof construction, easy maintenance, accurate dimensions, and a durable finish—delivering reliable protection for rice milling processes at competitive prices.



# EVENT



# IMAGES





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