

www.hitechmachinery.in

Follow us on:



An ISO 9001:2015 Certified Co.

Manufacturer and Supplier of
Rice & Food
Processing Machinery

With three decades of excellence
in the rice milling sector,
we now present state-of-the-art
machinery , under the brand
name "HITECH MACHINERY"



ABOUT

Introduction to Hitech Machinery

An ISO 9001:2015 Certified company, **Hitech Machinery** was established in 1991 in Kasia, Kushinagar, Uttar Pradesh, India, to manufacture machinery and equipment for the rice milling industry. Today, we offer advanced milling equipment for rice milling and seed processing.

We are a well-established manufacturing company with over 5,000 sq. meters of working area, featuring a fully equipped manufacturing plant located in Bangalore, Karnataka, India.

Our core philosophy is to enhance product performance while minimizing process losses through innovative and internationally standardized products. All our products undergo rigorous pre-testing by our expert team and are entirely manufactured in-house by highly skilled technical professionals. In line with the "Make in India" initiative, we adhere to high manufacturing standards to deliver superior quality products.

With a loyal customer base spanning across India and abroad, our after-sales service is highly appreciated and strengthens our reputation in the market. **Hitech Machinery** operates a nationwide network of distributors and dealers to ensure customer satisfaction. Our competitive pricing, coupled with a robust service network, sets us apart in the industry.

At **Hitech Machinery**, our dedicated team of experienced professionals is always ready to address customer queries and provide exceptional support.

US



Vision

To be a global leader in the manufacturing of innovative and efficient rice milling and seed processing equipment, driving excellence in quality, performance, and customer satisfaction while contributing to sustainable agricultural growth.

Mission

To design and manufacture cutting-edge machinery that enhances productivity and minimizes process losses in rice milling and seed processing.

To adhere to the highest standards of quality and innovation while supporting the "Make in India" initiative.

To deliver exceptional customer experiences through superior after-sales service, a strong dealer network, and a customer-focused approach.

To empower agricultural industries by providing reliable, cost-effective, and sustainable solutions.

Infrastructure

Our state-of-the-art infrastructure spread across 5,000 square meters is the backbone of our operations to deliver high-quality products with precision and efficiency. Our precision-engineered equipment to produce innovative and reliable products that meet international standards and our robust testing and quality control process to ensure every product performs flawlessly before delivery. We have well-organized workspace that supports streamlined operations and optimal productivity.

Introducing the Hitech

Paddy Parboiling Plant

All-In-One Paddy Parboiling Plant, designed to produce boiled, half-boiled, steamed, sella, and basmati rice. Utilizing advanced pre-steaming, soaking, and drying processes, it ensures a premium quality output.



Hitech Paddy Parboiling Plant is a cutting-edge solution engineered to revolutionize rice processing. Designed to cater to diverse consumer demands, the plant efficiently produces boiled, half-boiled, steamed, sella, and basmati rice varieties. Equipped with advanced technologies, the plant incorporates pre-steaming, soaking, and drying processes to enhance the quality of the rice. These carefully calibrated operations ensure uniform cooking, preservation of nutrients, and improved grain texture while retaining the authentic aroma and flavor of basmati rice. Whether you aim to deliver premium-quality rice to local markets or meet global export standards, we offers unmatched performance, consistency, and efficiency.

Key Features:

- All-in-one system for multiple rice varieties.
- Optimized steaming and soaking for consistent results.
- Energy-efficient drying process.
- Designed to maintain the natural taste, aroma, and quality of rice.

Introducing the Hitech

Paddy Dryer Plant

Designed for efficient paddy drying to ensure superior quality. Utilizing advanced drying processes, it guarantees premium quality output."



A Paddy Dryer Plant is an essential solution for modern rice processing industries, designed to ensure optimal drying of paddy to maintain its quality and longevity. By effectively reducing the moisture content in paddy, these plants help prevent spoilage, improve milling efficiency, and enhance the final grain quality.

The Paddy Dryer Plant utilizes advanced drying technologies such as hot air circulation, steam drying, or biomass-powered heating systems. These methods ensure uniform drying across all grains, preventing cracks and preserving the natural aroma, flavor and nutritional value of the rice.

Key Features:

- Advanced drying mechanisms for fast and uniform moisture removal.
- Maintains the natural color, texture, and quality of the paddy.
- Adjustable temperature and airflow settings to suit different paddy types and drying requirements.
- Equipped with energy-saving features to minimize operational costs.
- Built with robust materials for long-term use and minimal maintenance.





Vibro De-Stoner

A Vibro De-Stoner efficiently removes stones, sand, and heavy impurities from grains using vibration and air suction. Designed for precision, it ensures clean and high-quality output while safeguarding downstream equipment. Its robust construction and adjustable settings make it an essential tool in modern grain processing.

Special Features:

- Designed to clean impurities like dust and paddy size impurities.
- Machine functions effectively when the paddy is already pre-cleaned.
- Equipped with superior quality vibro motors.
- Inclination of machine can be easily customized vibration force can be easily adjusted.

Model	Input Capacity (Paddy)	Power	Motor	Blower	Weight	Dimension (mm) (LxWxH)
PVD-4	4 TPH	7.5 HP	2800 RPM	0.5x2HP/960 RPM	500 kg	1800x1450x2000
PVD-5	5 TPH	10 HP	2800 RPM	0.5x2HP/960 RPM	600 kg	1800x1600x2000
PVD-6	6 TPH	12.5 HP	2800 RPM	0.5x2HP/960 RPM	750 kg	1800x1600x200

Vibro Rubber Sheller

A pneumatic paddy husker is a highly effective machine designed to efficiently and gently remove husks from paddy grains while maintaining the quality of the rice. By utilizing advanced pneumatic pressure, it ensures uniform hulling, minimizing the risk of grain breakage during the process. This husker operates with high precision, offering smooth and reliable performance. Its energy-efficient design allows for increased throughput without sacrificing consistency, making it a crucial component in modern rice milling operations. With its ability to process large volumes of paddy while preserving the integrity of the grains, the pneumatic paddy husker plays a key role in improving the overall efficiency of rice mills.

Special Features:

- Very high degree of shelling
- Lesser broken by using pneumatic controls.
- This machine can also be used to de-husking of paddy, oats and barley Sunflower seeds etc.



Model	Input Capacity (Paddy)	Power	Motor	Blower	Weight	Dimension (mm) (LxWxH)
PPH - 3	3 TPH	10 HP	1440 RPM	2 HP/1440 RPM	590 kg	1353x915x1386
PPH - 4	4 TPH	12.5 HP	1400 RPM	2 HP/1440 RPM	750 kg	1353x941x1414

Paddy Separator

A Paddy Separator is an essential machine in rice milling, designed to efficiently separate paddy from brown rice. Using advanced gravity and friction techniques, it ensures precise separation while minimizing losses. Suitable for all rice varieties, it enhances milling efficiency and ensures high-quality, consistent output for premium market standards.

Special Features:

- Precisely separates paddy from brown rice with minimal losses.
- Advanced Technology: Utilizes gravity and friction-based separation for accurate results.
- Suitable for different rice varieties and milling requirements.
- Made with robust materials for long-lasting performance.
- Ensures consistent separation, improving overall milling efficiency.



Model	Input Capacity (Paddy)	Power	Motor	Weight	Dimension (mm) (LxWxH)
PS-01	2.5-3 MT	3 HP	3 HP	400 kg	46x20x1
PS-02	5 MT	5 HP	5 HP	750 kg	46x20x2
PS-03	5 MT	8 HP	5 HP	850 kg	60x20x2

Rice Cone Polisher

A Rice Cone Polisher is an essential machine for enhancing rice quality and appearance. It removes the bran layer and polishes the surface, giving the grains a smooth, glossy finish while preserving their nutritional value. Suitable for all rice types, it ensures a premium-grade output, meeting both consumer expectations and market standards for high-quality rice.

Special Features:

- Cone Polisher are designer for superior output of whitened rice with less percentage of broken
- Provides uniform whiteness on all the grains
- Mounted with a differential type manometer for accurate Control of chamber pressure
- Capable of handling Raw, Steamed and Parboiled Rice



Model	Input Capacity (Paddy)	Power	Motor	Weight	Dimension (mm) (LxWxH)
PCP-30	2-3 TPH	25 HP	960 RPM	1700 KG	1200x1200x1800
PCP-36	3-4 TPH	30 HP	960 RPM	1800 KG	1200x1200x1800
PCP-40	4-5 TPH	40 HP	960 RPM	2000 KG	1360x1360x2200
PCP-48	5-6 TPH	50 HP	960 RPM	2300 KG	1360x1360x2200



Rice Whitener

A rice whitener is a key machine in rice processing, designed to remove bran layers and polish rice grains to achieve a smooth, bright finish. With advanced abrasion techniques, it ensures consistent quality, minimal grain breakage, and high efficiency, delivering premium-grade rice suitable for the market.

Special Features:

- Whitener are designer for superior output of whitened rice with less percentage of broken.
- Provides uniform whiteness on all the grains.
- Mounted with a differential type manometer for accurate.
- Control of chamber pressure.
- Capable of handling raw, steamed & parboiled rice.

Model	Input Capacity (Paddy)	Power	Motor	Weight	Dimension (mm) (LxWxH)
PRW-3	3 TPH	30 HP	1440 RPM	1100 kg	1347x670x1645
PRW-4	4 TPH	40 HP	1440 RPM	1500 kg	1465x700x1640
PRW-6	6 TPH	60 HP	1440 RPM	1050 kg	1965x838x1791

Rice Sifter

A Rice Sifter is essential for sorting and cleaning rice, ensuring uniform grain size and removing impurities. It uses precision screens to separate broken grains and fine particles, delivering high-quality output. Durable and efficient, it's ideal for processing all rice varieties, enhancing both quality and market value.

Special Features:

- Easy to maintenance and minimum operating cost.
- In-built self cleaning mechanism to ensure optimum separation
- Percentage of broken separation is adjustable.



Model	Input Capacity (Paddy)	Power	Motor	Weight	Dimension (mm) (LxWxH)
Sifter-125	6 TPH	2 HP	1400 RPM	910 kg	1500x1280x1620

Rice Silky Machine

A Rice Silky Machine is designed to give rice grains a shiny, silky finish, enhancing their appearance and market appeal. It uses gentle polishing techniques to smooth the rice surface without damaging the grains. Ideal for all rice varieties, it ensures a high-quality, visually appealing output, perfect for premium markets and export standards.

Special Features:

- Provides a smooth, shiny surface to enhance the rice's appearance and market value.
- Ensures the grains remain undamaged during the polishing process.
- High capacity for processing large volumes of rice with consistent results.
- Suitable for all rice varieties, including basmati, sella, and parboiled rice.
- Built with robust materials for long-lasting, reliable performance.

Model	Input Capacity (Paddy)	Power	Weight	Dimension (mm) (LxWxH)
RSM-01	3-4 TPH	60 HP	1100 kg	1624x700x1550
RSM-02	4-5 TPH	60 HP	1200 kg	1624x700x1550
RSM-03	6-7 TPH	60 HP	1500 kg	1624x700x1550



Rice Length Grader

A Rice Length Grader is a specialized machine designed to separate rice grains based on their length. It ensures uniformity by removing shorter grains, broken rice, and unwanted fragments, delivering a consistent and premium-quality product. Essential for high-grade rice processing, it enhances both the aesthetic and market value of the final output.

Special Features:

- Accurately separates grains by length for uniformity.
- Processes large volumes of rice with consistent results.
- Suitable for all rice varieties and grading standards.
- Built for long-term use with minimal maintenance.
- Improves the overall quality and value of the final product.

Model	Input Capacity (Paddy)	Power (Gear Motor)			Weight	Dimension (mm) (LxWxH)
		KW	HP	RPM		
RLG-01	1.0 TPH	0.75	1.0	960	325	2835x670x800
RLG-02	1.5 TPH	1.50	2.0	42	675	3950x1120x1660
RLG-03	2.0 TPH	1.50	2.0	42	930	4200x1070x1350

Automatic Bran Centrifugal

The Bran Centrifugal machine is strongly made of heavy metal angles, metal sheets, and a sturdy shaft. Bran Centrifugal has really good bearings and housings to keep dust out. Hitech Bran Centrifugal has a very wide application. It is used for the separation of left-out rice tips from brawn-in rice.

Special Features:

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

Model	Input Capacity (Paddy)	Power	Motor	Weight	Dimension (mm) (LxWxH)
BCM-60	2-3 TPH	2 HP	1440 RPM	610 KG	2550x1050x1575
BCM-80	4 TPH	2 HP	1440 RPM	710 KG	3050x1050x1615
BCM-100	6 TPH	3 HP	1440 RPM	810 KG	3550x1050x1615
BCH-120	6 TPH	2 HP	1440 RPM	910 KG	4125x1100x1560

Bucket Elevator

A Bucket Elevator is a vital piece of equipment used in rice mills and various industries for efficiently transporting bulk materials such as grains, seeds, and powders vertically. It consists of buckets attached to a durable chain or belt, which lifts materials to higher elevations for further processing or storage. Designed for high capacity and minimal maintenance, it ensures smooth, continuous material handling, improving overall operational efficiency. With adjustable settings for height and bucket size, a Bucket Elevator offers flexibility, durability, and reliability, making it a valuable asset in any processing plant.

Features

- Both side powder coated with salt spray test sustenance for more than 500 hours.
- Folded design and high tensile hardware used for assembly.
- Heavy-duty casting pulley at Top and specially designed fabricated balanced pulley used at the bottom to avoid broken generation.
- Sturdy rigid and heavy-duty construction. Perfect alignment ensures zero wear and tear and more life.
- Belts are provided with Bucket holes punched on a special machine to ensure proper alignment of the buckets
- Option for air aspiration in the head of the elevator.



Blower For Rice Mill

We supply high-quality blowers for the rice mill industry, specializing in rice mill machinery, parboiling plants, and more. Our blowers offer effective dust absorption and explosion-proof features, ideal for rice processing and granulated crystal factories. Available in 2 HP to 40 HP.



Pneumatic Slide Gate

With extensive industry experience, we offer high-quality Pneumatic Slide Gates, used for controlling grain passage to machines. Our gates are highly valued for their excellent design and strength.

Cyclone For Rice Mill

Our cyclone for rice mills is designed to efficiently separate dust and fine particles from the air in rice processing operations. It helps maintain a clean and safe environment by preventing dust buildup, improving air quality, and reducing the risk of explosions. Built with durability in mind, our cyclones ensure reliable performance in rice mills, optimizing the overall efficiency of the milling process.



Most Advanced & High Quality

Hitech Series Color Sorter

New Multi Purpose Sorting Machines

Technical Specification

Model	Channel	Capacity	Compressor	Voltage	Power	Dimension (L x W x H)	Weight (Kg)	Accuracy
	Chute	(T/H)	(HP)		(KW)			
MM-1	64/1	0.5 to 0.8	7.5 HP	220/50Hz	1 KW	1007x1641x1967	250	> 99%
MM-2	128/2	07 to 1.3	10 HP	220/50Hz	1.4 KW	1321x1641x1967	400	> 99%
MM-3	192/3	1.5 to 2	15 HP	220/50Hz	1.8 KW	1635x1641x1963	580	> 99%
MM-4	254/4	2 to 2.5	20 HP	220/50Hz	2 KW	1949x1641x1967	720	> 99%
MM-5	320/5	2.5 to 3	25 HP	220/50Hz	3 KW	2314x1550x2050	900	> 99%
MM-6	384/6	3 to 3.5	30 HP	220/50Hz	3.5 KW	2630x1590x2050	1020	> 99%
MM-7	448/7	3.5 to 4	35 HP	220/50Hz	4 KW	2942x1590x2050	1250	> 99%
MM-8	512/8	4 to 4.5	40 HP	220/50Hz	4.5 KW	3443x1590x2050	2030	> 99%
MM-10	640/10	4.5 to 5	50 HP	220/50Hz	5 KW	4070x1550x2050	2500	> 99%

Complete Rice Mill Plant



An ISO 9001:2015 Certified Co.

Branch Office:

Adarsh Agency (Hitech Machinery)

Gorakhpur Road (Tumkuhi Raj Road), District Kushinagar, India

HARIKESH UPADHYAY : (+91) 75240-99191, (+91) 91400-38540

Mfg. by: Millsys, Hitech Machinery

43/138, Channappa Layout, Srigandadakavalu,
25 (Bangalore) Main, Sunkadakalte, Bangalore-560091.

Mobile: (+91) 96160-18430

Email: upadhyayharikesh908@gmail.com

www.hitechmachinery.in

Designed By:
train@media
Mobile: 99885-58019