



SAIFCO

AGROTECH ENGINEERS

— Engineering Growth. Cultivating Tomorrow. —

ABOUT US



COMPANY PROFILE

Established in 2000, SAIFCO AGROTECH ENGINEERS has earned a reputed position in the market with its excellence in manufacturing and service solutions for the agro-processing industry. Headquartered in Noida, Uttar Pradesh, the company specializes in designing, manufacturing, installing, and servicing a wide range of modern food processing and material handling plants.

- **Agro Processing Plants:** Anis Chakki Plant, Rice Mill Plant, Flour Mill Plant, Nutrition Food Plant, Spice Mill Plant, Poultry Feed Plant, Besan Plant, Maize Grit Plant, Maize Flour Mill.
- **Processing Equipment:** Sieving, Grading & Cleaning Machines, Roasters, Mixers, Blenders.
- **Material Handling Systems:** Belt Conveyors, Bucket Elevators, Screw Conveyors, Pneumatic Conveying Systems.
- **Other Solutions:** Dust Collection Systems, Tea Processing Plants, Namkeen Plants, and customized installation services.



OUR JOURNEY

SAIFCO AGROTECH ENGINEERS began its remarkable journey in 2000 under the visionary leadership of Mr. Anis Ahmed. From modest beginnings, the company has grown into a trusted name, providing reliable solutions in rice, pulses, flour, seed milling, grading, sorting, storage, and packaging systems.

- **2000** – Company established, starting operations from scratch.
- **2013** – Achieved turnover in lakhs.
- **2017** – Reached turnover in crores, marking consistent growth.
- **Today** – Recognized as one of the leading companies in grain processing plants & machinery.



MISSION

Our mission is to achieve customer satisfaction at every step by:

- ✓ Delivering world-class machinery at competitive prices.
- ✓ Ensuring prompt after-sales service and long-term support.
- ✓ Building strong, trust-based business relationships with our valued customers.
- ✓ Expanding into global markets with a reputation for trust, quality, and commitment.



SCOPE OF BUSINESS

We specialize in the design, supply, installation, and commissioning of machinery for the food and agro-processing industry, particularly in:



Wheat & Flour Milling



Rice Milling



Maize Processing



Cattle Feed, Fish Food & Poultry Feed Plants

These solutions cater to the emerging agro-based rural markets in India and abroad.



WHY CHOOSE SAIFCO?



Advanced Technology



Customized Solutions



Reliable Performance



Dedicated After-Sales Support



Global Outreach

OUR PRODUCT RANGE

COMPLETE TURNKEY SOLUTIONS FOR GRAIN MILLING, FOOD PROCESSING,
FEED PROCESSING & MATERIAL HANDLING INDUSTRIES



SAIFCO
AGROTECH ENGINEERS

— ENGINEERING BETTER SOLUTIONS —



01 GRAIN MILLING & FLOUR PROCESSING

- Roller Flour Mill Machinery
- Chakki Atta Plant Machinery
- Maize Flour Plant
- Besan (Gram Flour) Plant
- Daliya (Broken Wheat) Plant
- Maize Grit Plant
- Rice Mill & Rice Grit Machinery
- Paddy Processing Plant



02 BREAKFAST CEREAL & FOOD PROCESSING

- Corn Flakes Making Machinery
- Premix Instant Nutrition & Energy Food Plant



03 PULSE & SPICE PROCESSING

- Dal Mill Plant
- Spice Cleaning, Grinding & Processing Plant



04 FEED PROCESSING PLANTS

- Fish Feed Plant
- Cattle Feed Plant
- Poultry Feed Plant



05 SEED & GRAIN CLEANING SYSTEMS

- Seed Cleaning, Grading & De-Stoning Plant
- Grain Cleaning Systems for All Types of Food Grains
- Dust Control System



06 INDUSTRIAL PROCESSING PLANTS

- Starch Plant
- Oil Expeller Plant



07 MATERIAL HANDLING SYSTEMS

- Belt Conveyors
- Bucket Elevators
- Screw Conveyors
- Pneumatic Lift Systems



08 STORAGE SOLUTIONS

- Grain Storage Silos



09 RECYCLING & SIZE REDUCTION EQUIPMENT

- Multipurpose Shredder
- Plastic Cutter



10 SPARE PARTS & ACCESSORIES

- Complete Range of Spare Parts for All Food Processing Machinery



ADVANCED
TECHNOLOGY



HIGH EFFICIENCY
& ENERGY SAVING



ROBUST DESIGN
& DURABILITY



EASY OPERATION
& MAINTENANCE



AFTER SALES
SUPPORT



GLOBAL STANDARDS
& RELIABILITY

FROM GRAIN CLEANING TO FINAL PACKAGING – SAIFCO DELIVERS COMPLETE PROCESSING SOLUTIONS



+91 8826275786, 9717814200, 8447867861



saifcoanis@gmail.com
info@saifcoagrotechengineers.com



www.saifcoagrotech.com
www.saifcoagrotechengineers.com



A-109, Sector-10,
Noida, Uttar Pradesh, India



GRAIN'S CLEANING & MILLING COMPLETE LINE

Advanced cleaning. Precise milling. Consistent quality.
Engineered for performance.



Superior
Purity



High
Efficiency



Reliable
Performance



Low
Maintenance

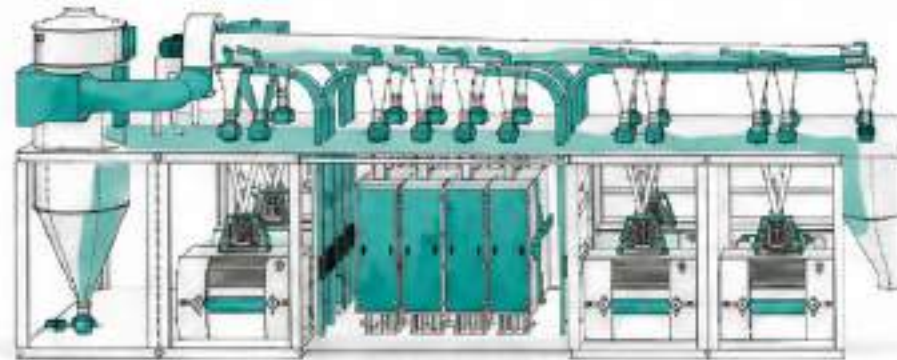
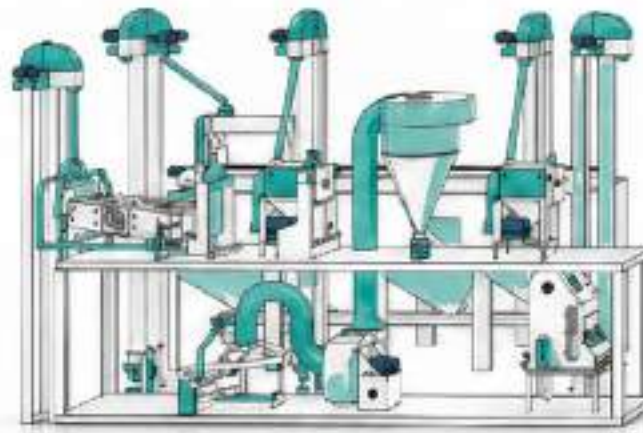


Energy
Efficient

BUILT FOR MODERN GRAIN INDUSTRIES

Our Grain Cleaning Complete Line is an advanced solution designed to deliver pure, hygienic, and market-ready grains.

The system is widely used in flour mills, rice mills, feed plants, seed processing units, and food industries.



ENGINEERED FOR EXCELLENCE

The line works step by step, starting from raw grain intake and passing through various cleaning stages. Large impurities such as sticks and straws are removed first, followed by fine dust, sand, and husk. Stones and heavy particles are separated through the destoner, while magnetic separators ensure the removal of ferrous materials. For further precision, aspirators and graders help in removing light particles and grading the grains into uniform sizes. Optional machines like gravity separators, fine cleaners, and polishers can be added to achieve even higher standards of purity and finish.

Built with stainless steel contact parts (SS 304), the entire system ensures food safety, durability, and long service life. With automation and energy-efficient design, the line guarantees smooth operation with minimal maintenance.

AVAILABLE CAPACITY

1 TPH | 2 TPH | 5 TPH
10 TPH | 20 TPH & ABOVE

Custom configurations available
as per your requirement.

KEY BENEFITS



High Cleaning Efficiency

Removes dust, stones, chaff, broken grains, and foreign particles.



Consistent Quality Output

Ensures uniform grain size and better milling results.



Durable & Reliable

Built with robust components for long service life.



Automated Operation

Smart flow control and adjustments reduce manual effort.



Customizable Capacity

Available from 1 TPH to 20 TPH and above.

PROCESS FLOW



IDEAL FOR

- Flour Mills
- Rice Mills
- Feed & Seed Plants
- Food Processing Units
- Grain Storage Facilities

WHY CHOOSE SAIFCO?

- 20+ years of engineering excellence
- Customized solutions for diverse needs
- Advanced technology & quality manufacturing
- Strong after-sales support & service
- Trusted by customers worldwide



CLEANING MACHINERY

ADVANCED SOLUTIONS FOR PURER, SAFER, HIGHER QUALITY GRAINS

Grain Cleaning Machinery is an advanced processing system specially designed to remove unwanted impurities and foreign materials from different types of grains before they move to the next production process. These machines play a vital role in maintaining product quality, hygiene, and processing efficiency in food, feed, and seed industries.



REMOVES IMPURITIES EFFECTIVELY

Eliminates sticks, straw, dust, chaff, stones, metal particles, husk, and other unwanted contaminants.



IMPROVES PRODUCT QUALITY

Ensures cleaner, safer grains that meet the highest quality standards for food, feed, and seed production.



PROTECTS DOWNSTREAM EQUIPMENT

Pre-cleaning prevents wear and damage to mills, sorters, pelers, and other processing equipment.



WIDELY APPLICABLE

Suitable for flour mills, rice mills, feed plants, seed processing units, pulse processing units, and more.



HIGH PROCESSING EFFICIENCY

Advanced design ensures high throughput with low power consumption and minimal maintenance.



BUILT FOR HYGIENE, RELIABILITY & PERFORMANCE

Our cleaning machinery is engineered to deliver consistent performance, long service life, and maximum hygiene for your production.

IDEAL FOR



FLOUR MILLS



RICE MILLS



FEED PLANTS



SEED PROCESSING
UNITS



PULSE PROCESSING
UNITS



FOOD INDUSTRIES
& MORE



THE FIRST STEP TOWARDS PURITY

A clean grain today ensures
better products tomorrow.



ADVANCED TECHNOLOGY



CONSISTENT QUALITY



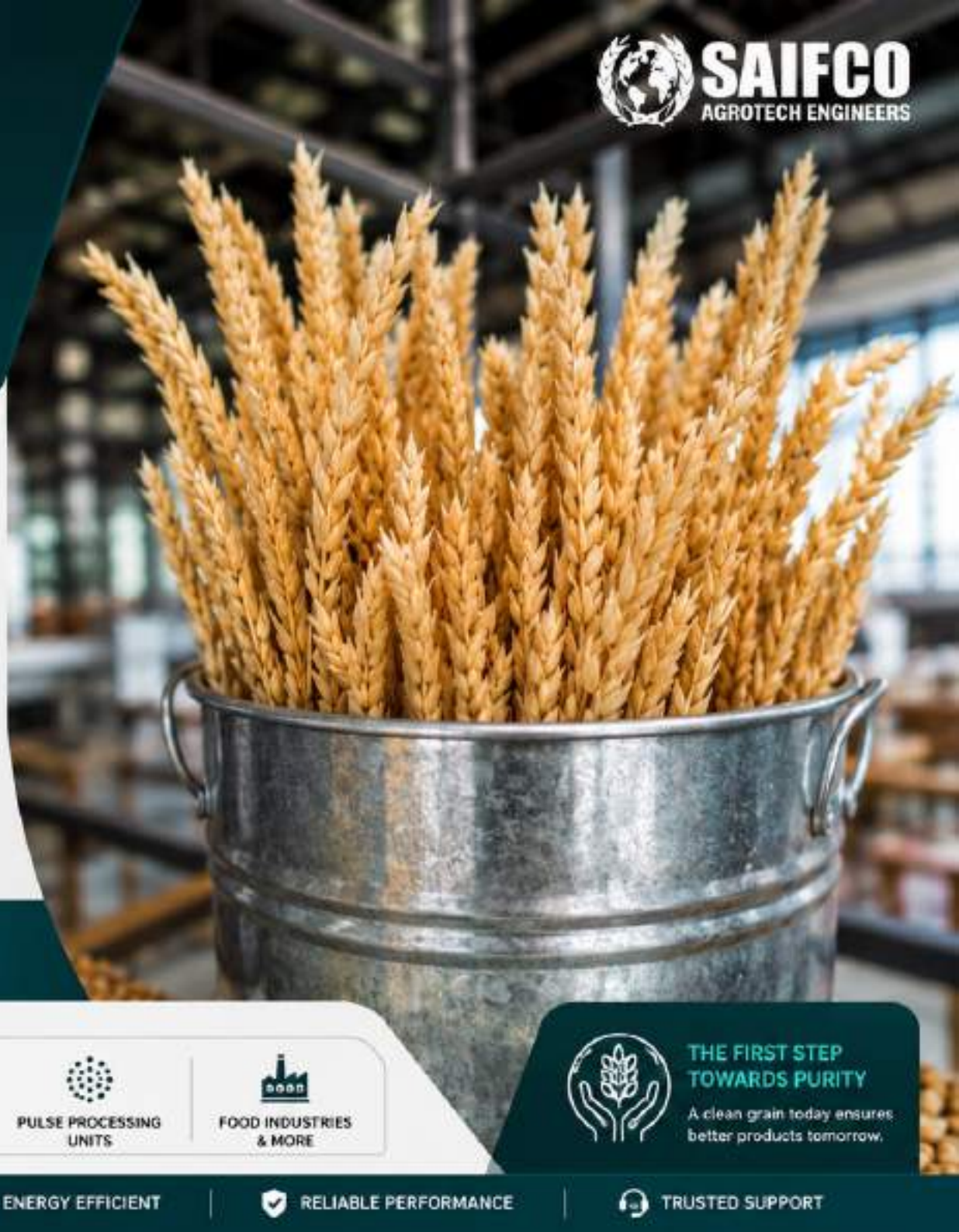
ENERGY EFFICIENT



RELIABLE PERFORMANCE



TRUSTED SUPPORT



PRECISION CLEANING. SUPERIOR RESULTS.

DRUM SIEVE MACHINE

Efficient. Reliable. Built for Performance.

We offer a wide range of Drum Sieve Machines known for their versatility and reliability in handling granular and floury bulk materials. These machines are primarily installed in the intake section of flour mills, grain silos, food processing units, and even in certain chemical industries, where they serve as the first stage of cleaning.



ENGINEERED FOR EXCELLENCE



Precision Engineering

Robust construction with high-quality materials for long life and consistent performance.



High Screening Efficiency

Efficient drum design ensures maximum separation and high cleaning efficiency.



Smooth Operation

Balanced design for vibration-free operation and minimal maintenance.



Versatile Application

Suitable for grains, pulses, flour, and other granular & powdery materials.



Easy Maintenance

Quick access doors and user-friendly design for easy cleaning and maintenance.



BUILT TO DELIVER. DESIGNED TO PROTECT.

Designed with precision engineering, the Drum Sieve is robust in construction and highly effective in its performance, making it indispensable for initial clearing operations in modern processing plants.



High Efficiency



Durable Construction



Low Maintenance



Consistent Performance



Protects Downstream Equipment

BUILT FOR INDUSTRY

Engineered to deliver reliable and efficient cleaning of granular and floury bulk materials in flour mills, grain silos, food processing units, and various industries.



VITAL FOR PRODUCT QUALITY

The Drum Sieve plays a vital role in ensuring product quality by removing coarse impurities such as straw particles, string, paper, wood pieces, maize leaves, cobs, and similar foreign materials from the grain flow.



PROTECTS & ENHANCES DOWNSTREAM MACHINERY

By efficiently separating these unwanted elements, the machine not only improves the purity of the raw material but also safeguards downstream machinery from operational faults, unnecessary wear, and potential damage.



IDEAL FOR



Flour Mills



Grain Silos



Food Processing Units



Feed & Seed Plants



Chemical Industries



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+91-8826275786, 9717814200, 8447867861



saifcoanis@gmail.com, info@saifcoagrotechengineers.com

CLEAN GRAINS. BETTER FUTURE.

FIRST STEP TO PURITY. BUILT FOR PERFORMANCE.

GRAIN PRE-CLEANER MACHINE

Our high-efficiency Pre-Cleaner Machine stands as the essential first step in any modern grain processing line. Expertly designed to handle commodities like wheat, rice, and seeds, it excels at purifying raw materials at intake. Utilizing a sophisticated multi-stage separation process, it meticulously targets and removes a wide spectrum of contaminants, from coarse debris and sand to fine dust and lighter chaff.



High Efficiency



Reliable Performance



Durable Construction



Low Maintenance



Energy Efficient



A CRUCIAL INITIAL CLEANING FOR TOTAL PROTECTION

This crucial initial cleaning not only elevates the quality and market value of your final product but also provides vital protection for your downstream equipment by reducing wear and preventing costly downtime. Engineered for durability with premium-grade components, our reliable Pre-Cleaners are available in a range of models and capacities to seamlessly integrate into operations of any scale. Invest in reliability and ensure purity from the very start.



Stones



Sticks



Straw



Dust



Sand



Husk



Chaff



KEY FEATURES



Multi-Stage Separation

Effectively removes coarse and fine impurities through multi-level cleaning.



High Cleaning Efficiency

Advanced screening system ensures superior separation and output quality.



Robust & Durable

Heavy-duty structure with premium materials for long service life.



Smooth Operation

Balanced design for low vibration, reduced noise, and minimal maintenance.

AVAILABLE CAPACITIES

1 TPH

2 TPH

5 TPH

10 TPH

20 TPH

30 TPH

50 TPD

75 TPD

100 TPD

Custom designs and capacities available as per your requirement.

IDEAL FOR



Flour Mills



Rice Mills



Seed Processing Units



Food Processing Units



Feed Mills



Grain Storage Facilities



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

CLEAN GRAINS. BETTER FUTURE.

PRECISION SEPARATION. SUPERIOR QUALITY.

VIBRO SEPARATOR WITH ASPIRATOR

ADVANCED SEPARATION. MAXIMUM PURITY.

Engineered for precise material separation and grading, our Vibro Separator with Aspirator ensures superior screening performance across multiple planes. Powered by a special vertical motor, it delivers unique three-dimensional vibratory motions (circular, elliptic) for highly effective screening on horizontal, vertical, and inclined faces.

Manufactured using premium raw materials by our team of experts, it offers reliable performance, long service life, and excellent durability. Available in various technical specifications to meet your exact requirements at an industry-leading price.

KEY ADVANTAGES



HIGH ACCURACY

Precise separation and grading for consistent quality output.



3D VIBRATORY MOTION

Circular, elliptic vibrations ensure efficient screening on all faces.



DURABLE CONSTRUCTION

Built with premium materials for long service life and reliability.



LOW MAINTENANCE

Simple design ensures easy maintenance and minimum downtime.



ENERGY EFFICIENT

Special vertical motor ensures optimal performance with energy savings.

IDEAL FOR



Flour Mills



Rice Mills



Seed Processing Units



Food Processing Units



Feed Mills



Grain Storage Facilities

TECHNICAL HIGHLIGHTS

- ✓ Special vertical motor for powerful performance
- ✓ Three-dimensional vibratory motions for efficient screening
- ✓ Suitable for horizontal, vertical & inclined applications
- ✓ Robust construction for heavy-duty operations
- ✓ Consistent output with high screening efficiency
- ✓ Available in various models & configurations

CAPACITY RANGE

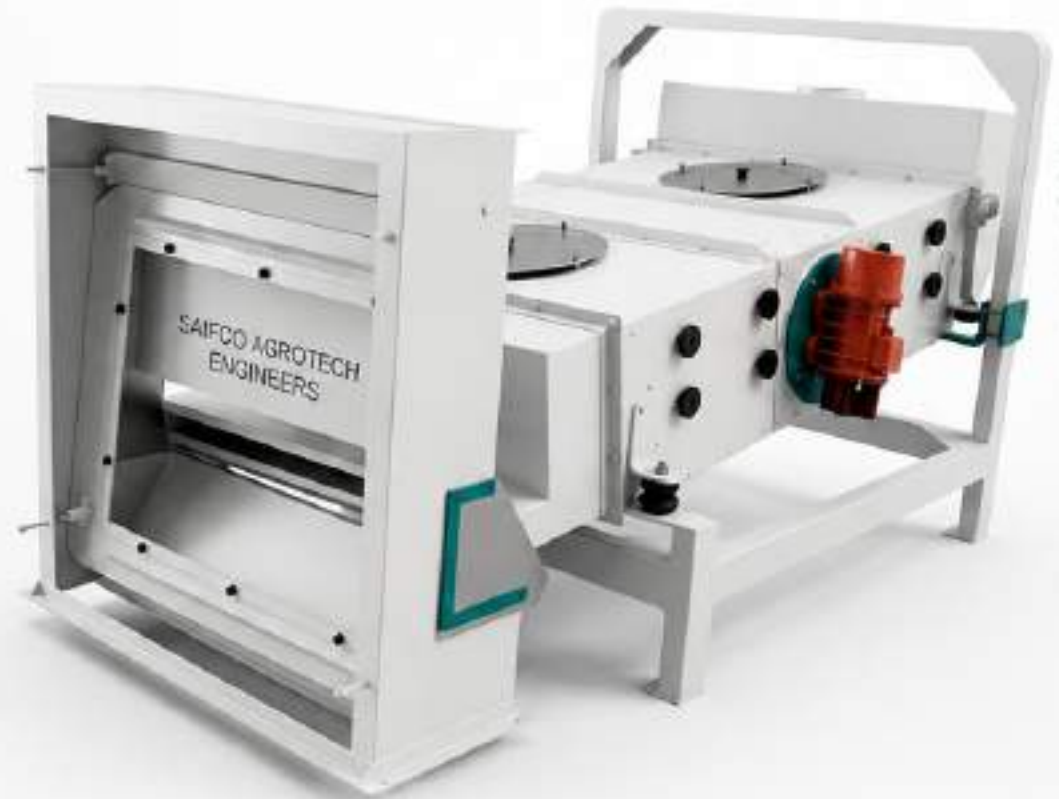


1 TPH
TO
50+ TPH

Custom capacities & configurations available as per requirement.



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SEPARATION PROCESS



Raw Material Intake



Vibratory Separation (3D Motion)



Aspirator Removes Light Impurities



Grading & Separation



Clean Material Output



Waste / Foreign Particles Discharge



CLEAN GRAINS



STRAW



DUST



STONES

PRECISION LENGTH SEPARATION. SUPERIOR GRAIN QUALITY.

COCIL CYLINDER DOUBLE CELL

ADVANCED LENGTH GRADING FOR PREMIUM RICE QUALITY

The Saifco Length Grader, indent cylinder type, is a highly efficient machine designed to separate broken or shorter grains from whole grains with remarkable accuracy. Unlike conventional sieves or thickness/width graders, which are unable to differentiate grains of similar thickness, this machine works on the principle of length separation. It is capable of grading one or two categories of broken or shorter grains away from the whole grain stream, ensuring superior quality output.



PRECISE LENGTH SEPARATION

Broken or shorter grains that are more than half the length of a whole grain cannot be effectively separated by sieving methods; however, the indent cylinder technology employed in the Saifco Length Grader makes this separation precise and reliable. This feature makes the machine indispensable for rice millers, processors, and exporters who are committed to achieving premium-quality rice that meets both domestic and international standards.



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HIGH
ACCURACY



CONSISTENT
PERFORMANCE



ROBUST
CONSTRUCTION



ENERGY
EFFICIENT



LOW
MAINTENANCE



BUILT FOR RELIABILITY. DESIGNED FOR EXCELLENCE.

Engineered with robust construction and advanced technology, the Saifco Length Grader delivers consistent performance, minimizes impurities in the final product, and enhances the overall grading efficiency of the processing line. For rice millers aiming at excellence and exporters targeting global markets, this machine is not only a necessity but also a trusted solution for producing high-grade rice.

IDEAL FOR



Rice Mills



Food
Processing
Units



Grain Storage
Facilities



Export
Markets



Seed
Processing
Units

SEPARATION PROCESS



Paddy / Brown
Rice Inlet



Indent Cylinder
Length Separation



Broken / Shorter
Grains Outlet



Whole Grains
Outlet



BROKEN GRAINS
(SHORT)



BROKEN GRAINS
(MEDIUM)



BROKEN GRAINS
(LONG)



WHOLE GRAINS
(ACCEPTED)

KEY FEATURES

- ✓ Indent cylinder technology for accurate length grading
- ✓ Separates broken or shorter grains effectively
- ✓ Grades one or two categories of broken grains
- ✓ High capacity with consistent output quality
- ✓ Low vibration, smooth operation
- ✓ Long service life with minimal maintenance



1 TPH
TO
20+ TPH

Custom designs and
capacities available
as per requirement.



PRECISION ENGINEERING.
PREMIUM RESULTS.

Trusted by millers. Preferred by experts.



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

CLEAN GRAINS. BETTER FUTURE.

MILLING MACHINERY



ENGINEERED FOR PURITY. BUILT FOR PERFORMANCE.

Saifco offers a comprehensive range of advanced milling machinery designed to deliver superior efficiency, consistent quality, and maximum yield. Our machines are built with robust construction, precision engineering, and the latest technology to meet the demands of modern flour and grain processing industries.



HIGH EFFICIENCY

Advanced design ensures optimum grinding performance with higher output and reduced energy consumption.



CONSISTENT QUALITY

Precision engineering delivers uniform particle size, ensuring superior flour quality and consistency.



DURABLE & RELIABLE

Robust construction with premium materials ensures long service life and trouble-free operation.



EASY OPERATION & MAINTENANCE

User-friendly design for smooth operation and easy maintenance, minimizing downtime.



PRECISE GRINDING

Better extraction, higher yields.



FOOD SAFE

Hygienic design for safe & clean production.



MAXIMUM VALUE

Higher productivity, better profitability.

OUR MILLING MACHINERY RANGE



ROLLER FLOUR MILLS



PLANSIFTER



PURIFIER



BRAN FINISHER



PNEUMATIC CONVEYING SYSTEM



ASPIRATION SYSTEM



ELEVATORS



CLEANING MACHINES



PACKING SYSTEMS



COMPLETE SOLUTIONS FOR FLOUR MILLS, RICE MILLS & GRAIN PROCESSING PLANTS



ENGINEERED FOR EFFICIENCY. BUILT FOR PERFORMANCE.

FULLY AUTOMATIC HYDRAULIC PRESSURE ATTA CHAKKI MACHINE

PREMIUM QUALITY GRINDING. CONSISTENT RESULTS.



SAIFCO
AGROTECH ENGINEERS



LOW POWER
CONSUMPTION



RELIABLE
PERFORMANCE



ROBUST
CONSTRUCTION



PREMIUM
QUALITY



EASY
MAINTENANCE



Leveraging our rich experience, SAIFCO manufactures and exports a premium range of Atta Chakki Machines. Engineered for low power consumption and smooth, reliable performance, our machines deliver perfectly ground flour with every use. Built with high-quality materials to meet strict industrial norms, we offer this robust equipment in various specifications at cost-effective prices to suit your precise needs.



MANUFACTURED TO PERFECTION

Each unit is meticulously manufactured in strict compliance with set industrial norms, utilizing only the best quality materials and components to guarantee exceptional durability and performance.



EFFICIENCY YOU CAN RELY ON

Our Atta Chakki is renowned for its efficiency, featuring low power consumption to reduce your operational costs and high operational efficiency for consistent, uninterrupted grinding.



BUILT FOR DIVERSE NEEDS

Understanding the diverse needs of our clients, we make the SAIFCO Atta Chakki available in various technical specifications. Contact us to discover our cost-effective, high-performance grinding solutions.

TECHNICAL SPECIFICATIONS

Type	Fully Automatic Hydraulic Pressure
Power Requirement	5 HP – 15 HP (As per capacity)
Capacity Range	60 kg/hr – 500 kg/hr
Grinding Chamber	Stone / Emery
Material of Construction	Mild Steel / Stainless Steel
Operation	Fully Automatic
Power Supply	415V / 3 Phase / 50 Hz
Product Output	Atta (Whole Wheat Flour)
Control System	Auto Start / Stop with Protection
Customization	Available as per requirement

APPLICATIONS



Flour Mills



Food
Processing Units



Agriculture
Sector



Commercial
Establishments



Retail Grain
Milling



Export
Markets

CAPACITY RANGE



60 KG/HR
TO
500 KG/HR

Custom capacities available
as per requirement.



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

CLEAN GRAINS.
BETTER FUTURE.

PRECISION SEPARATION. SUPERIOR FLOUR QUALITY.

FLOUR MILL PLAN SIFTER

MULTI-TIERED SIEVING FOR HIGH PURITY & UNIFORM PARTICLE SIZE

As a leading manufacturer, we offer our high-performance Plan Sifter, designed for the precise separation of fine granules and powder impurities. Using a multi-tiered sieve system, it ensures exceptional purity and uniform particle size for products like flour. Each sifter is built with quality-approved components under expert supervision and is rigorously tested to meet strict standards. We offer this machine in various technical specifications at competitive prices to meet your production needs.



PRECISE SEPARATION

Multi-tiered sieve system ensures accurate separation of fine granules and powder impurities.



EXCEPTIONAL PURITY

Ensures consistent purity and uniform particle size for superior flour quality.



QUALITY ASSURED

Manufactured with quality-approved components and rigorously tested to meet strict standards.



COST EFFECTIVE

Low power consumption and efficient operation for maximum productivity and lower production cost.



Flour Mills



Food Processing
Units



Semolina Plants



Cereal
Processing



Grain Cleaning
Plants



Export
Industries



SAIFCO
AGROTECH ENGINEERS



HIGH
ACCURACY



MULTI-TIERED
SIEVING



ROBUST
CONSTRUCTION



QUALITY
APPROVED



LOW
MAINTENANCE



EFFICIENT
PERFORMANCE

APPLICATION IN FLOUR MILL PLANT



TECHNICAL SPECIFICATIONS

Type	Plan Sifter
Sieve System	Multi-Tiered
No. of Sieves	6 / 8 / 10 / 12 (As per requirement)
Sieve Size	As per product & capacity
Drive Type	Vibratory / Eccentric
Power Requirement	1 HP - 5 HP (As per capacity)
Capacity Range	500 kg/hr - 10,000 kg/hr
Material of Contact Parts	Mild Steel / Stainless Steel
Frame Construction	Mild Steel (Heavy Duty)
Operation	Automatic / Semi-Automatic
Finish	Powder Coated
Customization	Available as per requirement

KEY BENEFITS

- ✓ Improves flour quality and consistency
- ✓ Removes over-size particles and impurities
- ✓ Ensures even flow and high throughput
- ✓ Durable design for long service life
- ✓ Easy inspection and screen replacement

CAPACITY RANGE



500 KG/HR
TO
10,000 KG/HR

Custom capacities available
as per requirement.



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CLEAN GRAINS.
BETTER FUTURE.

PRECISE DENSITY SEPARATION. CLEANER GRAINS. HIGHER VALUE.

GRAIN DRY STONER / DE-STONER

ENGINEERED FOR ACCURATE DENSITY-BASED SEPARATION

The SAIFCO Destoner is engineered for the precise and reliable removal of high-density contaminants such as stones, pebbles, glass fragments, and metallic particles from grain and granular product streams. By utilizing controlled airflow and vibration, the machine ensures accurate density-based separation while minimizing product loss.



PRECISE SEPARATION

Density based separation for highest purity



AIRFLOW + VIBRATION

Controlled air and vibration for optimum results



ROBUST CONSTRUCTION

Heavy duty design for long service life and reliability



HIGH EFFICIENCY

Maximum cleaning with minimum product loss



EASY MAINTENANCE

Simple access for quick maintenance



CONSISTENT PERFORMANCE

Stable operation under demanding conditions



BUILT FOR RELIABILITY

Manufactured with precision and tested for multiple functions, ensuring reliable operation even under demanding processing conditions.



FLEXIBILITY & CUSTOMIZATION

Customizable to accommodate plant layout limitations and specific process requirements.



PROVEN PERFORMANCE

The SAIFCO Destoner supports a wide range of applications across both conventional and specialty processing facilities.



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THROUGHPUT CAPACITY*

 SOFT WHEAT	Up to 22 t/h
 DURUM WHEAT	Up to 14.5 t/h
 CORN / MAIZE	Up to 16.5 t/h
 RYE, RICE, SOYBEANS & OTHER GRAINS	Highly effective

* Capacity depends on material type, degree of contamination and operating conditions.

AVAILABLE CAPACITY CONFIGURATIONS

2-6

TONS / HOUR

LOW CAPACITY

6-12

TONS / HOUR

MEDIUM CAPACITY

12-22

TONS / HOUR

HIGH CAPACITY



Custom configurations to meet your requirements



Seamless integration into existing processing lines



Optimized design for maximum efficiency



SEPARATION PRINCIPLE



Raw Grain Inlet



Airflow Creates Stratification



Heavier Impurities Settle & Move Out



Clean Grain Outlet

REMOVES HIGH-DENSITY CONTAMINANTS



Stones



Pebbles



Glass Fragments



Metallic Particles



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
BETTER FUTURE.**

IMPACT DETACHER

EFFICIENT DEAGGLOMERATION. CONSISTENT QUALITY.



The Impact Detacher is a high-performance machine designed for a broad range of milling applications, including flour deagglomeration, flour micronization, and sugar grinding. It operates by applying controlled impact forces to break down agglomerates and refine particle size while preserving product quality.

The machine can be installed directly in a gravity spouting system or integrated into a pneumatic conveying line, offering flexible installation options.



PRECISE DEAGGLOMERATION

Controlled impact forces effectively break down agglomerates for uniform particle size.



UNIFORM GRINDING

Interchangeable rotor and stator pins ensure consistent end-product quality.



FLEXIBLE INSTALLATION

Can be installed in gravity spouting systems or integrated into pneumatic conveying lines.



WIDE APPLICATION RANGE

Suitable for gentle loosening of flour flakes to intensive grinding of crystalline products.



ROBUST & RELIABLE

Durable construction for long service life and minimal maintenance.

TECHNICAL SPECIFICATIONS

Machine Type	Impact Detacher
Function	Deagglomeration, Micronization, Grinding
Rotor Type	Interchangeable Pins (Various Types)
Stator Type	Interchangeable Pins (Various Types)
Drive	Direct Coupled Motor
Installation	Gravity Spouting / Pneumatic Line
Construction	Mild Steel / Stainless Steel
Finish	Powder Coated
Operation	Continuous
Customization	Available as per requirement

CAPACITY (DEPENDS ON PRODUCT & APPLICATION)

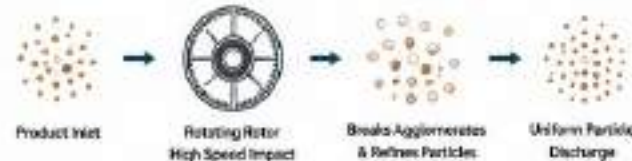
		
FLOUR APPLICATIONS 2 – 6 t/h	GENERAL MILLING 6 – 12 t/h	HEAVY DUTY GRINDING 12 – 22 t/h

* Capacities may vary based on product characteristics, degree of agglomeration and system configuration.

APPLICATIONS



WORKING PRINCIPLE



KEY BENEFITS

- ✓ Consistent end-product quality
- ✓ Improved milling efficiency
- ✓ Low power consumption
- ✓ Minimal product damage
- ✓ Easy maintenance & quick change parts
- ✓ Compact design, less space requirement



CATTLE FEED / FISH FEED / STARCH PULVERIZER



SAIFCO
AGROTECH ENGINEERS

HAMMER MILL PULVERIZER FOR SPICES, HERBS & SEASONING MATERIALS

The Hammer Mill Pulverizer is designed for efficient grinding of spices, herbs, and seasoning materials into fine powder for use in food, condiment, flavoring, pharmaceutical, chemical, and industrial applications. It is particularly suitable for processing dry, fibrous, and brittle materials, ensuring uniform particle size while preserving product quality.

The machine is capable of grinding a wide range of materials, including dry roots, stems, and leaves, as well as chili, pepper, black pepper, cinnamon, cumin seeds, fennel, coriander seeds, cardamom, rapeseed, castor bean, dried garlic, dried apple flakes, chives, sweet pepper, curry, Chinese herbs, and various plant seeds. It can also be used for products such as coffee beans, maize (corn), and turmeric.



TECHNICAL SPECIFICATIONS

Machine Type	Hammer Mill Pulverizer
Application	Spices, Herbs, Seasonings, Cattle Feed, Fish Feed, Starch & other dry materials.
Grinding Principle	Impact (Hammer) Grinding
Rotor Type	High Speed Rotor
Hammers / Pins	Interchangeable (Various Types)
Drive	Direct Coupled / Belt Driven
Motor Power	7.5 HP – 100 HP (As per capacity)
Capacity Range*	100 kg/hr – 5000 kg/hr
Feed Size	Up to 15 mm
Final Fineness	20 Mesh – 120 Mesh (Adjustable)
Construction	Mild Steel / Stainless Steel
Installation	Gravity Spouting / Pneumatic Line
Operation	Continuous
Customization	Available as per requirement

* Capacity depends on material type, moisture & screen size.



EFFICIENT GRINDING

High speed impact grinding for fine and uniform powder.



UNIFORM PARTICLE SIZE

Ensures consistent end-product quality with minimal variation.



WIDE APPLICATION

Ideal for spices, herbs, seeds, grains, feeds and more.



ROBUST DESIGN

Heavy-duty construction for long service life and reliable performance.



EASY MAINTENANCE

Interchangeable parts and simple design for quick maintenance.



HIGH PRODUCTIVITY

Handles wide range of capacities with maximum efficiency.

APPLICATIONS



SPICES & SEASONINGS



HERBS & DRY ROOTS



OIL SEEDS & PULSES



DRIED FRUITS & VEGETABLES



CEREALS & MAIZE



COFFEE & OTHER SPECIALTY PRODUCTS

WORKING PRINCIPLE



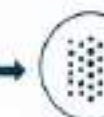
Material Inlet



High Speed Rotor with Hammers



Impact Breaks & Pulverizes



Screening for Desired Particle Size



Fine Powder Outlet

WHY CHOOSE SAIFCO PULVERIZER?

- ✓ Consistent and superior end-product quality
- ✓ Wide range of capacities and configurations
- ✓ Low power consumption and high efficiency
- ✓ Minimal product heating and dust control
- ✓ Easy screen change and hammer replacement
- ✓ Customizable to meet specific process needs



DALIA MAKING MACHINE

CONSISTENT PROCESSING OF DALIA (BROKEN WHEAT)

The Dalia Making Machine is designed to deliver efficient and consistent processing of dalia (broken wheat) for the food processing industry. Manufactured using high-quality components and advanced production techniques, this machine is built under the strict supervision of skilled professionals to ensure durability, reliability, and high performance.

The machine simplifies the dalia production process by delivering uniform grain breaking with minimal wastage. Its robust construction and precision engineering make it suitable for continuous operation in commercial and industrial food processing units.

The Dalia Making Machine is offered at market-leading prices, providing an excellent balance of performance and cost efficiency for our valued clients.

TECHNICAL SPECIFICATIONS

Machine Type	Dalia Making Machine
Product	Dalia (Broken Wheat)
Capacity*	300 - 1500 kg/hr (Depending on product & screen size)
Motor Power	10 HP - 50 HP (As per capacity)
Speed	1460 RPM
Construction	Mild Steel / Stainless Steel
Feed Size	Up to 10 mm
Operation	Continuous
Installation	Floor Mounted
Customization	Available as per requirement

* Capacity may vary based on wheat quality, feed size and screen size.



UNIFORM GRAIN BREAKING

Delivers consistent dalia (broken wheat) size with minimal wastage.



ROBUST CONSTRUCTION

Built with high-quality materials for long service life and durability.



HIGH EFFICIENCY

High-speed operation ensures increased production and better output quality.



LOW MAINTENANCE

Simple design with easy maintenance reduces downtime and operating costs.



RELIABLE PERFORMANCE

Engineered for smooth, stable, and continuous operation.

APPLICATIONS



BROKEN WHEAT
(DALIA)



FOOD
PROCESSING
INDUSTRY



SPICES &
HERBS



PHARMACEUTICAL
INDUSTRY



CHEMICAL
INDUSTRY



INDUSTRIAL
APPLICATIONS

KEY BENEFITS



Long service life
due to robust and
wear-resistant
components



High-speed
operation for
increased
productivity



Low maintenance
requirements,
reducing downtime
and costs



Smooth and stable
operation with
consistent output
quality



Ideal for continuous
operation in
commercial and
industrial units



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
BETTER FUTURE.**

RAPID MIXING. UNIFORM BLENDING. MAXIMUM EFFICIENCY.

TWIN SHAFT PADDLE MIXER

HIGH-EFFICIENCY INDUSTRIAL MIXING FOR DRY, SEMI-DRY & MOIST MATERIALS

The Twin Shaft Paddle Mixer is a high-efficiency industrial mixing machine designed for rapid, uniform blending of dry, semi-dry, and moist materials. Equipped with two counter-rotating shafts fitted with specially designed paddles, the mixer ensures thorough material dispersion in a short mixing cycle while maintaining product integrity.



The synchronized twin-shaft design creates a fluidized mixing zone, allowing materials to move in opposite directions for consistent and homogeneous mixing. This makes the machine ideal for applications requiring precise blending with minimal segregation.

KEY FEATURES

-  Dual counter-rotating shafts for fast and uniform mixing
-  Specially designed paddles for gentle yet effective material handling
-  Short mixing time with high batch consistency
-  Robust construction for continuous industrial operation
-  Low power consumption relative to output capacity
-  Easy cleaning and low maintenance



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TECHNICAL SPECIFICATIONS

Machine Type	Twin Shaft Paddle Mixer
Mixing Type	Counter-Rotating Paddle Mixer
Application	Dry, Semi-Dry & Moist Materials
Shafts	Two (2) Counter-Rotating Shafts
Paddles	Specially Designed
Drive	Gearbox Coupled to Electric Motor
Motor Power	5 HP – 75 HP (As per capacity)
Capacity Range*	100 kg/batch – 5000 kg/batch
Mixing Time	2 – 5 Minutes (As per material)
Construction	Mild Steel / Stainless Steel
Finish	Painted / Powder Coated
Discharge	Bottom / Side Discharge
Installation	Floor Mounted
Operation	Batch / Continuous
Customization	Available as per requirement

* Capacity depends on material type, bulk density, and moisture content.

APPLICATIONS



Cereals &
Soil Processing



Spices &
Seasonings



Herbs &
Botanicals



Animal Feed
& Additives



Pharmaceutical
Industry



Chemical &
Industrial Blending

WORKING PRINCIPLE



WHY CHOOSE SAIFCO?

- ✓ Consistent and homogeneous mixing
- ✓ High efficiency with low power consumption
- ✓ Durable design for long service life
- ✓ Minimal segregation and product damage
- ✓ Easy operation, cleaning & maintenance
- ✓ Custom-built solutions to meet your needs



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
BETTER FUTURE.**

SMOOTH DISCHARGE. RELIABLE OPERATION. **MAXIMUM PERFORMANCE.**

BIN DISCHARGER / BIN ACTIVATOR

CONTROLLED DISCHARGE OF BULK MATERIALS

The Bin Discharger is designed to ensure smooth, reliable, and controlled discharge of bulk materials from storage bins, hoppers, and silos. Its construction features an internal cone-shaped baffle rigidly attached to the main body through heavy-duty structural members. The unit is suspended from the top of the hopper or silo using hanger bolts, allowing effective transmission of vibratory forces to the stored material.

Each Bin Discharger is individually engineered to suit specific application requirements, ensuring optimal performance across a wide range of materials. The compact and rugged design allows for easy installation while maintaining long-term operational reliability. Key design features include a leak-proof molded sleeve, a heavy-duty suspension system, and a long-life industrial vibrator, all of which contribute to continuous, trouble-free operation.



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TOP MOUNT TYPE
(Standard)



SIDE MOUNT TYPE
(Optional)

TECHNICAL SPECIFICATIONS

Product	Bin Discharger / Bin Activator
Application	Flow Promotion & Controlled Discharge
Installation	Top Mounted (Standard) Side Mounted (Optional)
Drive	Industrial Vibrator
Body Material	Mild Steel / Stainless Steel
Cone / Baffle	Mild Steel / Stainless Steel
Sleeve	Leak-Proof Molded Sleeve
Suspension	Heavy-Duty Hanger System
Finishing	Primer / Epoxy Paint (As per requirement)
Operating Temperature	Up to 120 °C (Depends on material)
Suitable Materials	Powders, Granules, Grains, Flours, Pellets & more
Customization	Available as per requirement

KEY FEATURES



DUAL COUNTER- ROTATING SHAFTS

For fast and
uniform mixing



SPECIALLY DESIGNED PADDLES

For gentle yet effective
material handling



SHORT MIXING TIME

With high batch
consistency



ROBUST CONSTRUCTION

For continuous
industrial operation



LOW POWER CONSUMPTION

Relative to output
capacity



EASY CLEANING & LOW MAINTENANCE

For cost-effective,
trouble-free operation

HOW IT WORKS



Material in
Storage Bin



Vibration Transmitted
to Cone Baffle



Flow Promoted &
Arching Prevented



Smooth, Controlled
Discharge

APPLICATIONS

- ✓ Cement Plants
- ✓ Food Processing
- ✓ Flour Mills
- ✓ Chemical Industry
- ✓ Pharmaceutical Industry
- ✓ Plastic & Polymer Industry
- ✓ Feed & Grain Processing
- ✓ And many more...



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**CLEAN GRAINS.
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IMPACT PULVERIZER

HIGH-EFFICIENCY SIZE REDUCTION FOR DRY & BRITTLE MATERIALS



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The Impact Pulverizer is a high-efficiency size-reduction machine designed for fine grinding of dry and brittle materials. It operates on the principle of high-speed impact, where material is shattered by rapidly rotating hammers or beaters against a fixed liner, producing uniform particle size with high output.

Built with a robust structure and precision-engineered components, the Impact Pulverizer ensures consistent performance, low power consumption, and long service life. The machine is suitable for continuous operation and is widely used in various industrial processing applications.



HIGH-SPEED IMPACT GRINDING

High-speed hammers deliver powerful impact for fine and uniform particle size.



CONSISTENT PERFORMANCE

Precision engineering ensures stable operation and consistent output quality.



LOW POWER CONSUMPTION

Optimized design for high output with lower energy requirements.



LONG SERVICE LIFE

Robust construction and quality components ensure extended service life.



CONTINUOUS OPERATION

Designed for smooth and continuous industrial processing.



EASY MAINTENANCE

User-friendly design for quick access and minimal maintenance downtime.

TECHNICAL SPECIFICATIONS

Machine Type	Impact Pulverizer
Grinding Principle	High-Speed Impact
Application	Fine Grinding of Dry & Brittle Materials
Rotor Type	High Speed Hammers / Beaters
Drive	Direct / V-Belt Drive
Motor Power	7.5 HP – 100 HP (As per capacity)
Capacity Range*	100 kg/hr – 5000 kg/hr
Feed Size	Up to 25 mm
Output Size	100 Mesh – 300 Mesh (Adjustable)
Construction	Mild Steel / Stainless Steel
Liner	Replaceable Wear-Resistant Liner
Dust Collection	Cyclone / Bag Filter System
Operation	Continuous
Installation	Floor Mounted
Customization	Available as per requirement

* Capacity depends on material type, feed size and required fineness.

APPLICATIONS



SPICES & SEASONINGS



HERBS & BOTANICALS



CHEMICAL INDUSTRY



FOOD INGREDIENTS



MINERALS & PIGMENTS



AND MANY MORE

WORKING PRINCIPLE



WHY CHOOSE SAIFCO IMPACT PULVERIZER?

- ✓ Superior grinding efficiency and uniform particle size
- ✓ High output with low power consumption
- ✓ Robust and durable construction
- ✓ Minimal maintenance and easy operation
- ✓ Consistent performance for continuous processes
- ✓ Custom-built solutions to meet your needs



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
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VIBRO SIFTER / VIBRO SCREEN / GYRO SIFTER



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PRECISION SCREENING. SUPERIOR SEPARATION.

SAIFCO AGROTECH ENGINEERS are leading Supplier and Manufacturer of Vibrating / Rotary Screens exported to America, Canada, Europe, Asia, African countries. These rotating vibrating screens are durable, easy maintenance, high capability. Our rotating and vibrating screens are most versatile machine in many industries.



HIGH EFFICIENCY

Precision screening with high throughput and accurate separation.



ROBUST CONSTRUCTION

Built with high-quality stainless steel for long service life and durability.



LOW MAINTENANCE

Easy to install, operate and maintain with minimal downtime.



VERSATILE APPLICATIONS

Suitable for wide range of materials across multiple industries.



CONSISTENT PERFORMANCE

Uniform particle separation with maximum efficiency and reliability.



VIBRO SIFTER / VIBRO SCREEN

High capacity screening with vibratory motion for fine separation.



GYRO SIFTER

Gyro motion for ultra-fine separation with higher screening efficiency.

SUITABLE FOR A WIDE RANGE OF MATERIALS



FOOD INDUSTRY

Flour, Starch, Powdered Milk, Yeast, Spices, Fruit Juice, Sugar, Salt, etc.



CHEMICAL INDUSTRY

Resin, Pigment, Medicine, Grease, Extinction Agent, etc.



ABRASIVE, GLASS & CERAMIC INDUSTRY

Silicone Sand, Aluminium Oxide, Grinding Abrasive, Glass Dust, etc.



PAPER MAKING INDUSTRY

Coated Slurry, Black & White Liquor, Padding Fluid, Waste Liquid, etc.



MECHANICAL INDUSTRY

Casing Sand, Powder Metallurgy, Electromagnetism Material, etc.



OTHERS

Aluminium Powder, Metal Powder & Alloy, Carbon Black, Activated Carbon, Pearl, etc.

KEY DESIGN FEATURES



CONE-SHAPED BAFFLE

Ensures efficient material distribution and prevents blinding of mesh.



LEAK-PROOF MOLDED SLEEVE

Prevents material leakage and ensures dust-free operation.



HEAVY-DUTY SUSPENSION SYSTEM

Firmly mounts the unit for smooth vibration transmission and long operational life.



INDUSTRIAL VIBRATOR

High-performance vibrator for consistent vibration and maximum output.



MULTIPLE DECK OPTIONS

Available in 1 to 5 decks to achieve precise size separation.



EASY SCREEN CHANGE

Quick and simple screen replacement for reduced maintenance time.

WHY CHOOSE SAIFCO VIBRO / GYRO SIFTER?

- ✓ High screening efficiency and separation accuracy
- ✓ Low power consumption and operating cost
- ✓ Durable, compact and space-saving design
- ✓ Continuous and reliable operation
- ✓ Custom-built solutions to meet specific requirements
- ✓ Global quality standards with expert support



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
BETTER FUTURE.**

WHEAT WASHING DAMPENER

EFFICIENT WATER ADDITION FOR SUPERIOR GRAIN PROCESSING



The Painted Dampener Machine from Saifco is designed for commercial use in the food grains and nut processing industry. With a capacity of 19 tons per day, this machine is ideal for operations requiring efficient water addition to grains, ensuring optimal moisture levels for further processing. The automatic operation mode simplifies the workflow, allowing for consistent results without the need for manual intervention.

Constructed from durable stainless steel, this machine not only meets hygiene standards but also ensures longevity and reliability in demanding environments. The painted surface finish provides additional protection. Electricity connection, it is well-suited for large-scale operations that require robust performance. The machine is ISO certified, ensuring compliance with international quality standards. Backed by a 12-month warranty and after-sales service, it represents a practical investment for businesses looking to enhance their grain processing capabilities.

KEY FEATURES



EFFICIENT MOISTURE ADDITION

Ensures optimal moisture for better processing.



AUTOMATIC OPERATION

Reduces manual effort and ensures consistency.



DURABLE & HYGIENIC CONSTRUCTION

Made from stainless steel for long life and food-grade safety.



POWERFUL PERFORMANCE

5 HP motor with three phase connection for reliable operation.



LOW MAINTENANCE & EASY TO OPERATE

User-friendly design for trouble-free performance.



ISO CERTIFIED & WARRANTY BACKED

Ensures quality compliance with peace of mind.

TECHNICAL SPECIFICATIONS

Model	Wheat Washing Dampener
Capacity	19 Tons per Day*
Application	Food Grains & Nut Processing
Operation Mode	Automatic
Construction Material	Stainless Steel (SS)
Surface Finish	Painted
Power Rating	5 HP
Phase	Three Phase
Voltage	415 V / 50 Hz
Water Inlet Connection	1/2" BSP
Dimensions (L x W x H)	Approx. 2100 x 600 x 1150 mm
Weight	Approx. 350 kg
Certification	ISO Certified
Warranty	12 Months
After Sales Service	Available

* Capacity may vary based on grain type and initial moisture content.

APPLICATIONS



CEREALS & GRAINS



NUTS & SEEDS



FLOUR MILLS & ATTA PLANTS



SPICE PROCESSING



PULSES PROCESSING



OILSEED INDUSTRY

HOW IT WORKS



Grain Inlet



Controlled Water Addition



Uniform Wetting of Grains



Consistent Moisture All Through



Ready for Further Processing

BENEFITS

- ✓ Improves grain quality and processing efficiency
- ✓ Ensures uniform moisture levels for consistent output
- ✓ Robust design for continuous industrial use
- ✓ Low downtime and high operational reliability
- ✓ Protects grains from damage due to uneven wetting
- ✓ Ideal for large-scale food processing operations


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CLEAN GRAINS.
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POWERFUL CLEANING. SUPERIOR QUALITY.

INTENSIVE SCOURER

HIGH-EFFICIENCY GRAIN SURFACE CLEANING SOLUTION

The Grain Intensive Scourer is a high-efficiency cleaning machine designed for the thorough surface treatment of grains before milling. It effectively removes dust, dirt, adhering impurities, husk particles, insect fragments, and other surface contaminants through intensive friction and abrasion. The machine utilizes a high-speed rotor and specially designed beaters to scour the grain kernels, ensuring superior cleaning performance while maintaining grain integrity.



Widely used in flour mills and grain processing plants, the Intensive Scourer improves product quality by reducing ash content, lowering microbial load, and enhancing milling efficiency. Its robust construction, low maintenance requirements, and high processing capacity make it an essential component in modern grain cleaning systems.



KEY FEATURES



THOROUGH CLEANING

Removes dust, dirt, husk, insect fragments and other surface contaminants effectively.



HIGH-SPEED ROTOR

Specially designed beaters ensure intensive friction for superior scouring.



IMPROVED QUALITY

Reduces ash content and microbial load, enhancing product quality.



ROBUST & RELIABLE

Strong construction ensures long life, durability and consistent performance.



LOW MAINTENANCE

Simple design with fewer moving parts for easy maintenance and low downtime.



HIGH CAPACITY

Handles large volumes with high efficiency, ideal for continuous operation.

APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING PLANTS



FOOD GRAINS INDUSTRY



PULSES PROCESSING



OILSEED INDUSTRY

HOW IT WORKS



Grain Inlet



High-Speed Rotor with Beaters



Intensive Scouring & Abrasion



Clean Grains Discharge

TECHNICAL SPECIFICATIONS

Model	Intensive Scourer
Capacity	Up to 15 TPH*
Application	Grains Cleaning Before Milling
Operation	Continuous
Rotor Type	High-Speed Rotor with Beaters
Construction Material	Mild Steel / Stainless Steel (SS 304)
Power Rating	11 – 22 kW (Depending on Capacity)
Phase	Three Phase
Voltage	415 V / 50 Hz
Screen	Perforated Stainless Steel Cylinder
Air Suction (Optional)	Available
Dimensions (L x W x H)	Approx. 2300 x 800 x 1600 mm
Weight	Approx. 850 – 1100 kg
Finish	Painted (PU) / Powder Coated
Installation	Floor Mounted
Certification	ISO Certified
Warranty	12 Months
After Sales Service	Available

* Capacity may vary based on grain type, moisture content and impurities.

BENEFITS

- ✓ Ensures cleaner grains for better milling performance
- ✓ Improves yield and product quality
- ✓ Maintains grain integrity with minimal breakage
- ✓ Reduces wear and tear of downstream equipment
- ✓ Energy efficient operation
- ✓ Ideal for modern grain cleaning systems



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**CLEAN GRAINS.
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PRECISION GRINDING. UNIFORM PARTICLE SIZE. MAXIMUM YIELD.

ROLLER MILL

PRECISION GRINDING FOR FLOUR MILLS & GRAIN PROCESSING PLANTS



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The Roller Mill is a precision grinding machine used in flour mills and grain processing plants to reduce grains into flour, semolina, or other finely milled products. It operates through a series of specially engineered rolls that rotate at different speeds, creating a controlled grinding action that ensures uniform particle size and high-quality output.

Designed for efficient and consistent milling, the Roller Mill delivers excellent product quality while maximizing extraction rates and minimizing energy consumption. Its robust construction, precise roll adjustment system, and reliable performance make it an essential machine in modern flour milling operations.

The machine is available in various configurations to accommodate different grinding requirements and production capacities. It is widely used for processing wheat, maize, barley, rye, and other cereal grains.

KEY FEATURES



PRECISION GRINDING

Specially engineered rolls ensure uniform particle size and superior quality.



HIGH EXTRACTION

Maximizes extraction rates for higher yield and better profitability.



ENERGY EFFICIENT

Optimized design ensures low power consumption with high performance.



ROBUST & RELIABLE

Heavy-duty construction ensures long service life and minimal downtime.



PRECISE ADJUSTMENT

Accurate roll gap adjustment for consistent product quality and control.



LOW MAINTENANCE

Simple design for easy operation and reduced maintenance cost.

TECHNICAL SPECIFICATIONS

Model	Roller Mill
Application	Flour Mills & Grain Processing Plants
Grinding Product	Flour, Semolina & Other Milled Products
Capacity	Up to 20 TPH*
Roller Size	250 mm to 600 mm (Dia)
Roller Length	250 mm to 1500 mm
Roll Speed (Differential)	1:1.2 to 1:2.5 (Approx.)
Drive System	V-Belt / Coupling Drive
Motor Power	15 HP to 75 HP (Depending on Model)
Phase	Three Phase
Voltage	415 V / 50 Hz
Construction Material	Mild Steel / Stainless Steel (SS 304)
Body Finish	Powder Coated
Roller Surface	Chilled Cast Iron / Alloy Steel
Roller Adjustment	Manual / Pneumatic
Dimensions (L x W x H)	As per Model
Weight	As per Model
Installation	Floor Mounted
Warranty	12 Months
After Sales Service	Available

* Capacity may vary based on grain type, moisture content and fineness required.

APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING PLANTS



MAIZE MILLS



ANIMAL FEED INDUSTRY



CEREAL GRAINS PROCESSING

WORKING PRINCIPLE



Grains Inlet



Controlled Feed Between Rolls



Grinding by Differential Roll Speed



Uniform Particle Size Output

SUITABLE FOR



WHEAT



MAIZE



BARLEY



RYE



OTHER CEREAL GRAINS



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**CLEAN GRAINS.
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MAGNETIC SEPARATOR

HIGH INTENSITY. HIGH GRADIENT. SUPERIOR SEPARATION.



SAIFCO have developed High Intensity, High gradient, Permanent Magnetic Roller Separators with the indigenous Technology. Which has been used successfully in Industrial Minerals applications. The Machine incorporates high energy Rare Earth Neodymium Permanent Magnetic Roll Assembly, which is manufactured and assembled under strict quality control and specification to Generate unsurpassed Magnetic Field Gradients. Under this High Intensity Magnetic Field, weakly Magnetic Contamination can be easily removed efficiently.



OPERATING PRINCIPLE OF ROLLER SEPARATORS

A short conveyor belt envelopes the Magnetic Roll and a tensioning Ideal Roll. A Suitable Feeder discharges material on the Belt. The Ferro Magnetic and Paramagnetic Particles adhere to the Belt while the non Magnetic particles flow freely off the end of the conveyor.

TECHNICAL SPECIFICATIONS

Magnetic Rolls (Dia.)	65, 75 & 100 mm
Magnetic Roll Width	Up to 1200 mm
Magnetic Strength	8,000 Gauss, 20,000 Gauss & 22,000 Gauss
Motor Power	0.5 HP (Variable)
Motor Type	DC/AC Geared Motor
Roll Speed (Adjustable)	0 to 100 RPM
Feeder Type	Vibratory Feeder with Controls
Conveyor Belt Thickness	0.8 mm (Abrasion Resistant)
Construction	Mild Steel / Stainless Steel (SS)
Power Supply	415 V AC, Three Phase, 50 Hz
Installation	Floor Mounted
Applications	Industrial Minerals & Various Raw Materials
Options	Different Roll Sizes, Widths & Magnetic Strengths Available

FEATURES & BENEFITS



HIGH INTENSITY
High intensity magnetic field for superior separation efficiency.



PRECISE SEPARATION
Removes weakly magnetic contaminants effectively.



ENERGY EFFICIENT
Low power consumption with high performance and productivity.



ROBUST CONSTRUCTION
Heavy duty construction for long life and reliable operation.



ADJUSTABLE SETTINGS
Roll speed and drive adjustable from 0 to 100 RPM.



ABRASION RESISTANT
Endless conveyor belt with 0.8 mm thickness for extended durability.

APPLICATION AREAS



ABRASIVE MATERIALS



REFRACTORY & CERAMIC



RAW MATERIAL BENEFICIATION



ALUMINA, SILICA, CARBIDE



MAGNESITE, QUARTZITE



GLASS RAW MATERIALS



GRAPHITE UPGRADING



GARNET / ILMENITE / RUTILE / ZIRCON



IRON ORE BENEFICIATION



METAL RECOVERY FROM SLAG



FERRO SILICATES REMOVAL

WHY CHOOSE SAIFCO MAGNETIC SEPARATOR?

- ✓ High intensity magnetic field for maximum separation
- ✓ Efficient removal of weakly magnetic contaminants
- ✓ Improved product purity and higher recovery
- ✓ Low maintenance and long service life
- ✓ Customizable to meet specific application requirements
- ✓ Proven performance in industrial mineral applications



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

CLEAN GRAINS.
BETTER FUTURE.

EFFICIENT DESTONING. CLEANER GRAINS. BETTER QUALITY.

MINI DE-STONER

PRESSURE TYPE DESTONER FOR SUPERIOR SEPARATION



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SAIFCO's Mini De-Stoner is a pressure type destoner designed for efficient removal of stones, pebbles, and heavy impurities from grains and seeds. Equipped with an inbuilt fan unit and a unique air distribution arrangement, it ensures high separation efficiency with minimum grain damage.

Manufactured using high quality materials and precision cutting techniques, our Mini De-Stoner is built for durability, consistent performance, and low maintenance. Each unit is thoroughly inspected before dispatch to ensure a flawless product for our valued customers.

KEY FEATURES



INBUILT FAN UNIT
Ensures efficient air flow and effective separation of heavy particles.



UNIQUE AIR DISTRIBUTION
Optimized design for uniform air-flow and maximum efficiency.



HIGH SEPARATION EFFICIENCY
Effectively removes stones, pebbles and heavy impurities.



ROBUST CONSTRUCTION
Strong and durable structure for long service life.



LOW MAINTENANCE & EASY OPERATION
Simple operation with minimum maintenance and downtime.



QUALITY ASSURED
Every unit is tested and inspected to deliver reliable performance.

TECHNICAL SPECIFICATIONS

Type	Pressure Type Destoner
Model	Mini De-Stoner
Application	Grains, Seeds & Pulses
Capacity	Up to 3 TPH*
Air System	Inbuilt Fan Unit
Air Distribution	Unique Air Distribution Arrangement
Separation Efficiency	Up to 98% (Depending on Material)
Construction	Mild Steel / Stainless Steel (SS)
Power Requirement	1.5 - 2.0 HP (Depending on Model)
Power Supply	415 V AC, Three Phase, 50 Hz
Dimensions (L x W x H)	As per Model
Weight	As per Model
Mobility	Mounted on Wheels
Finish	Powder Coated
Inspection	100% Quality Checked
Applications	Flour Mills, Grain Processing Plants, Seed Processing Units, etc.

* Capacity may vary based on grain type, density and impurity level.

SUITABLE FOR



WHEAT



MAIZE



BARLEY



RICE / PADDY



PULSES



OIL SEEDS



OTHER GRAINS & SEEDS

BENEFITS

- ✓ Removes stones, pebbles and heavy impurities
- ✓ Improves product quality and reduces wear & tear
- ✓ Ensures consistent output with high efficiency
- ✓ Compact design with easy installation
- ✓ Low power consumption
- ✓ Ideal for small to medium scale operations



SAIFCO
AGROTECH ENGINEERS



+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

CLEAN GRAINS.
BETTER FUTURE.

HIGH SPEED IMPACT. MAXIMUM SAFETY.

ENTOLATER

HIGH-SPEED IMPACT MACHINE FOR SAFE & HYGIENIC PRODUCTS



SAIFCO
AGROTECH ENGINEERS



The Entolater is a high-speed impact machine used in flour mills and grain processing plants to enhance product safety and quality. It operates by subjecting grains, semolina, flour, or other milled products to intense centrifugal force and impact action, effectively destroying insect eggs, larvae, and insects while breaking up agglomerated particles.

Designed for efficient sanitation and product conditioning, the Entolater helps maintain hygienic processing standards and improves the overall quality of the finished product. Its robust construction, reliable performance, and low maintenance requirements make it an essential component in modern milling systems.

The machine can be installed at various stages of the milling process, including before storage, packaging, or final product dispatch, providing additional protection against insect infestation and contamination.



KEY FEATURES



HIGH SPEED IMPACT ACTION

Destroys insect eggs, larvae, and insects effectively.



BREAKS UP AGGLOMERATION

Disintegrates lumps and improves particle uniformity.



IMPROVES PRODUCT SAFETY & QUALITY

Enhances hygiene and delivers superior quality finished products.



INBUILT FAN UNIT

Unique air distribution arrangement for efficient product handling.



ROBUST & RELIABLE CONSTRUCTION

Heavy-duty design for continuous operation and long service life.



LOW MAINTENANCE

Simple design with fewer moving parts for easy maintenance.

APPLICATION INDUSTRIES



FLOUR MILLS



GRAIN PROCESSING PLANTS



SEED PROCESSING UNITS



PULSES & DAL MILLS



ANIMAL FEED INDUSTRY



CEREAL PROCESSING

WORKING PRINCIPLE



Product Inlet



High Speed Rotor Impact



Centrifugal Force & Particle Collision



Breakage of Agglomerates & Insect Destruction



Conditioned Product Outlet

TECHNICAL SPECIFICATIONS

Type	High Speed Impact Machine
Model	Entolater
Application	Flour Mills & Grain Processing Plants
Product Handled	Grains, Semolina, Flour & Other Milled Products
Capacity	Up to 15 TPH*
Rotor Speed	Up to 3,000 RPM (Approx.)
Motor Power	5 HP to 25 HP (Depending on Capacity)
Drive	V-Belt / Coupling Drive
Power Supply	415 V AC, Three Phase, 50 Hz
Construction	Mild Steel / Stainless Steel (SS 304)
Air Distribution	Inbuilt Fan Unit with Ducts
Dimensions (L x W x H)	As per Model
Installation	Floor Mounted
Finish	Powder Coated
Weight	As per Model
Maintenance	Low Maintenance
Optional	SS Construction, Different Motor Ratings, Custom Air Ducting

* Capacity may vary based on product type and density.

BENEFITS

- ✓ Ensures hygienic and safe products
- ✓ Eliminates insect infestation at all life stages
- ✓ Improves milling efficiency and product output
- ✓ Protects storage and packaging systems
- ✓ Compact design and easy installation
- ✓ Ideal for modern milling & processing plants



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**CLEAN GRAINS.
BETTER FUTURE.**

MANUAL ATTA CHAKKI

TRADITIONAL GRINDING. PURE NUTRITION. TIMELESS QUALITY.



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The **Manual Atta Chakki** is a traditional hand-operated flour grinding machine designed for grinding wheat, maize, millet, barley, and other grains into fresh flour. Built with durable grinding stones and a sturdy frame, it allows users to produce high-quality flour without the need for electricity, making it ideal for rural areas, small households, and off-grid applications.

The machine operates through a simple hand-crank mechanism that rotates the grinding stones, ensuring efficient and uniform grinding while preserving the natural nutrients, aroma, and taste of the grain. Its compact design, easy operation, and low maintenance requirements make it a reliable and economical solution for small-scale flour production.

KEY FEATURES



DURABLE GRINDING STONES

High-quality stones ensure fine, uniform grinding and long service life.



NUTRIENT PRESERVATION

Low heat generation preserves the natural nutrients, aroma, and taste of grains.



EASY TO OPERATE

Simple design for comfortable and effortless operation.



HAND-CRANK OPERATION

Smooth and efficient manual operation, no electricity required.



STURDY CONSTRUCTION

Robust frame and components for stability, durability, and reliable performance.



LOW MAINTENANCE

Minimal maintenance required for long-lasting performance.

TECHNICAL SPECIFICATIONS

Type	Manual Flour Grinding Machine
Model	Manual Atta Chakki
Application	Flour Milling
Grains Handled	Wheat, Maize, Millet, Barley & Other Grains
Operation	Hand Crank
Grinding Stones	Natural Stone / Emery Stone
Stone Diameter	12" / 14" / 16" (As per Model)
Chamber Material	Stainless Steel / MS
Frame Material	Mild Steel
Capacity	8 to 15 kg/hr (Approx.)
Drive System	Manual Hand Crank
Dimensions (L x W x H)	As per Model
Weight	As per Model
Installation	Floor Mounted
Finish	Powder Coated
Maintenance	Low Maintenance
Suitable For	Rural Areas, Small Households, Off-Grid Applications

IDEAL FOR



RURAL AREAS



SMALL
HOUSEHOLDS



OFF-GRID
APPLICATIONS



LOW COST
OPERATION



FRESH & HEALTHY
FLOUR

SUITABLE GRAINS



WHEAT



MAIZE



MILLET



BARLEY



OTHER
GRAINS

BENEFITS

- ✓ Produces fresh, healthy and full-nutrition flour
- ✓ Retains natural aroma, color and taste of grains
- ✓ No electricity required – saves energy and cost
- ✓ Compact, portable and easy to install
- ✓ Eco-friendly and ideal for sustainable living



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

TRADITIONAL POWER.
HEALTHIER TOMORROW.

FULLY AUTOMATIC ATTA CHAKKI PLANT

SMART TECHNOLOGY • HIGH PERFORMANCE • PREMIUM QUALITY ATTA

SAIFCO Fully Automatic Atta Chakki Plant is a complete solution for cleaning, grinding and packaging of wheat into premium quality atta. Engineered with advanced technology for higher output, low power consumption and long lasting performance. Ideal for commercial and industrial applications.

KEY FEATURES



Fully Automatic Operation
PLC based control panel for complete automatic operation.



High Quality Atta
Precision grinding for superior quality, soft & hygienic atta.



Energy Efficient
Advanced technology with optimized power consumption.



Hygienic & Durable
Food grade contact parts for safe, hygienic & long lasting performance.



Low Maintenance
Easy operation and low maintenance for smooth productivity.

PLANT CAPACITY



1 - 2
TON/HR



2 - 5
TON/HR



5 - 10
TON/HR

(Capacity can be customized as per requirement)

PLANT PROCESS FLOW



SAIFCO
AGROTECH ENGINEERS

— ENGINEERING BETTER SOLUTIONS —



TECHNICAL SPECIFICATIONS

Raw Material	Wheat
Capacity	1 to 10 Ton/Hour
Power Requirement	Depends on Capacity
Power Source	3 Phase, 415 V, 50 Hz
Control Panel	PLC Based
Material of Construction	Mild Steel / SS (Optional)
Installation	Minimal Civil Work
Application	Commercial & Industrial



HIGH SPEED IMPACT. MAXIMUM SAFETY.

ENTOLATER

HIGH-SPEED IMPACT MACHINE FOR SAFE & HYGIENIC PRODUCTS



SAIFCO
AGROTECH ENGINEERS



The **Entolater** is a high-speed impact machine used in flour mills and grain processing plants to enhance product safety and quality. It operates by subjecting grains, semolina, flour, or other milled products to intense centrifugal force and impact action, effectively destroying insect eggs, larvae, and insects while breaking up agglomerated particles.

Designed for efficient sanitation and product conditioning, the Entolater helps maintain hygienic processing standards and improves the overall quality of the finished product. Its robust construction, reliable performance, and low maintenance requirements make it an essential component in modern milling systems.

The machine can be installed at various stages of the milling process, including before storage, packaging, or final product dispatch, providing additional protection against insect infestation and contamination.



KEY FEATURES



HIGH SPEED IMPACT ACTION

Destroys insect eggs, larvae, and insects effectively.



BREAKS UP AGGLOMERATION

Disintegrates lumps and improves particle uniformity.



IMPROVES PRODUCT SAFETY & QUALITY

Enhances hygiene and delivers superior quality finished products.



INBUILT FAN UNIT

Unique air distribution arrangement for efficient product handling.



ROBUST & RELIABLE CONSTRUCTION

Heavy-duty design for continuous operation and long service life.



LOW MAINTENANCE

Simple design with fewer moving parts for easy maintenance.

APPLICATION INDUSTRIES



FLOUR MILLS



GRAIN PROCESSING PLANTS



SEED PROCESSING UNITS



PULSES & DAL MILLS



ANIMAL FEED INDUSTRY



CEREAL PROCESSING

WORKING PRINCIPLE



Product Inlet



High Speed Rotor Impact



Centrifugal Force & Particle Collision



Breakage of Agglomerates & Insect Destruction



Conditioned Product Outlet

BENEFITS

- ✓ Ensures hygienic and safe products
- ✓ Eliminates insect infestation at all life stages
- ✓ Improves milling efficiency and product output
- ✓ Protects storage and packaging systems
- ✓ Compact design and easy installation
- ✓ Ideal for modern milling & processing plants

* Capacity may vary based on product type and density.



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**CLEAN GRAINS.
BETTER FUTURE.**

BUCKET ELEVATOR

VERTICAL CONVEYING SOLUTION FOR GRAINS & BULK MATERIALS



SAIFCO
AGROTECH ENGINEERS



SAIFCO Bucket Elevator is a vertical continuous conveying equipment mainly used for conveying grains in processing plants, especially applicable to conveying materials during production in feed and grain processing plants. Golden Bucket Elevator technology must meet the present era's sophisticated quality criteria with an economical, reliable, & efficient model to handle the large quantity of grain.

KEY FEATURES



FOOD GRADE BUCKETS

Food grade poly buckets for safe and hygienic handling.



DURABLE BELT

Food grade tough multi-ply synthetic belt for long life.



PRECISION PULLEY

High precision pulley for smooth operation and long life.



ROBUST & DURABLE BODY

1.6 mm MS body with 2 mm MS top and bottom for superior strength.



SAFETY FIRST

Safety stop-lock on power failure for complete operational safety.



BRANDED DRIVE SYSTEM

Branded motor and gear box for reliable and efficient performance.



ANTI-BREAKAGE LINING

Inner discharge hopper lining to prevent material breakage.



LOW NOISE OPERATION

Designed for lowest noise levels and vibration-free operation.



EXCELLENT AFTER SALES

Excellent after-sales service and technical support.



CUSTOMIZED SOLUTIONS

Customized as per product and client specifications.



LONG SERVICE LIFE

Robust quality construction ensures long service life with low maintenance.



BUCKET OPTIONS

MS and SS buckets available. Elevators in SS and Galvanized Steel also.



OTHER OPTIONS

White / Black (Hygienic Rubber Belt) available.

APPLICATIONS



GRAIN PROCESSING PLANTS



FEED & FLOUR MILLS



STORAGE & SILO UNITS



SEED PROCESSING PLANTS



PULSES & DAL MILLS



AGRO & RURAL APPLICATIONS



FOOD & NON-FOOD INDUSTRIES

TECHNICAL SPECIFICATIONS

Type	Vertical Bucket Elevator
Application	Grain & Feed Processing Plants
Capacity	Up to 150 TPH*
Bucket Type	Food Grade Poly Bucket
Belt Type	Food Grade Multi-Ply Synthetic Belt (White / Black Rubber Belt Optional)
Belt Width	200 mm to 600 mm
Bucket Size	6" to 12" (As per Model)
Material of Construction	Mild Steel / Stainless Steel
Body Thickness	1.6 mm MS
Top & Bottom Thickness	2.0 mm MS
Drive System	Geared Motor with Coupling
Power Supply	415 V AC, Three Phase, 50 Hz
Installation	Floor Mounted
Discharge Height	As per Requirement
Temperature Range	-10°C to 80°C
Suitable For	Food & Non-food Materials
Finish	Powder Coated / SS Finish

* Capacity may vary based on material type, bulk density and conveying height.

BENEFITS

- ✓ Efficient vertical conveying of bulk materials
- ✓ Gentle handling with minimal grain damage
- ✓ Hygienic design for safe food processing
- ✓ Low maintenance and easy operation
- ✓ Energy efficient and cost effective
- ✓ Custom built for Indian & international standards



Head Section with Drive Unit



Boot Section with Feed Hopper



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

STRONG CONVEYING.
BETTER PROCESSING.

CENTRIFUGAL MACHINE

ELECTRONIC SEPARATION EQUIPMENT FOR SUPERIOR PERFORMANCE



SAIFCO Centrifugal Machine is an electronic equipment used for the separation of components in a sample mixture, such as a mixture of suspended solids or two or more immiscible materials. Designed for high efficiency and continuous operation, it ensures precise separation with minimal loss and maximum purity.

KEY FEATURES



EFFICIENT SEPARATION

High-speed operation ensures effective separation of components for superior results.



DURABLE CONSTRUCTION

MS body with powder-coated finish for corrosion resistance and long service life.



POWERFUL DRIVE SYSTEM

Branded motor and gear box with precision pulley for smooth and reliable performance.



LOW NOISE & VIBRATION

Engineered for quiet operation with minimal vibration and stable performance.



EASY MAINTENANCE

User-friendly design for easy access, cleaning and maintenance.



CUSTOMIZABLE OPTIONS

Available in MS and SS construction with White/Black (Hygienic Rubber Belt) options.

TECHNICAL SPECIFICATIONS

Type	Vertical Continuous Conveying Equipment
Application	Feed, Grain & Material Conveying
Conveying Material	Grains, Seeds, Feed & Other Materials
Capacity	Up to 20 TPH*
Belt Type	Food Grade Multi-Ply Synthetic Belt (White / Black Rubber Belt Optional)
Belt Width	200 mm to 600 mm
Bucket Type	Food Grade Poly Buckets
Bucket Size	6" to 12" (As per Model)
Body Material	1.6 mm MS
Top & Bottom Thickness	2.0 mm MS
Drive System	Branded Motor & Gear Box with Pulley
Power Supply	415 V AC, Three Phase, 50 Hz
Installation	Floor Mounted
Safety Feature	Safety Stop-Lock on Power Failure
Finish	Powder Coated
Options	SS Construction, MS Construction, White / Black (Hygienic Rubber Belt)

* Capacity may vary depending on material type, bulk density and conveying height.

APPLICATIONS



GRAIN
PROCESSING PLANTS



FEED & PELLET
PLANTS



STORAGE &
SILO UNITS



SEED
PROCESSING



FOOD & AGRO
INDUSTRIES



BULK MATERIAL
HANDLING

BENEFITS

- ✓ Continuous and efficient conveying
- ✓ Uniform material handling
- ✓ Protects product quality and integrity
- ✓ Low maintenance cost
- ✓ Energy efficient operation
- ✓ Compact and space saving design
- ✓ Reliable performance and long service life
- ✓ Suitable for food & non-food materials



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**STRONG CONVEYING.
BETTER PROCESSING.**

NUT'S GRADING MACHINE

PRECISE GRADING. PREMIUM QUALITY. MAXIMUM VALUE.



SAIFCO
AGROTECH ENGINEERS



SAIFCO Nut's Grading Machine is a high-performance grader designed for efficient separation of cashew nuts and other nuts based on size and quality. Engineered with precision and built in robust stainless steel, it ensures accurate grading, higher output, and long service life, meeting the demands of modern processing units.

• KEY FEATURES



EFFICIENT GRADING

Multiple sieve decks ensure accurate size-based separation of nuts.



VIBRO SIEVE SEPARATOR

High-frequency vibrations provide uniform material movement and precise grading.



POWERFUL DRIVE SYSTEM

Vertical type special motor enables free dimensional circular motions for better separation.



ROBUST CONSTRUCTION

SS fabricated body with premium grade raw material ensures durability and corrosion resistance.



GRAVITY FEED SYSTEM

Product enters by gravity into feed hopper and is evenly distributed.



MULTIPLE PERFORATIONS

Product falls onto one or more sieves to separate impurities based on perforation size.



LOW MAINTENANCE

Simple design with easy access for cleaning and maintenance reduces downtime.



CUSTOMIZED SOLUTIONS

Available in various sizes and specifications as per industry requirements.

TECHNICAL SPECIFICATIONS

Type	Vibro Sieve Grader
Application	Cashew, Nuts & Seed Grading
Capacity	Up to 2 Ton / Hour*
No. of Decks	2 / 3 / 4 (As per Requirement)
Deck Size	Customizable
Sieve Material	SS Perforated Sheet
Frame Material	Stainless Steel (SS 304/SS 316)
Drive System	Vertical Type Special Motor
Motion Type	Circular, Elliptic & Inclined (3 Dimensional)
Power Supply	415 V AC, Three Phase, 50 Hz
Installation	Floor Mounted
Finish	Polished / Matt
Suitable For	Cashew Nuts, Almonds, Peanuts, Walnuts, Pistachios & Other Nuts

* Capacity may vary based on material type, size and moisture content.

APPLICATIONS



CASHEW
PROCESSING PLANTS



NUT & DRY FRUIT
INDUSTRY



FOOD PROCESSING
UNITS



EXPORT QUALITY
GRADING



SEED & PULSE
INDUSTRY



OTHER AGRO
APPLICATIONS

BENEFITS

- ✓ Accurate size grading for superior quality
- ✓ Removes undersized, oversized & impurities
- ✓ Higher efficiency with less manpower
- ✓ Smooth and uniform material flow
- ✓ Increases product value and marketability
- ✓ Energy efficient and cost effective
- ✓ Hygienic SS construction
- ✓ Long service life with reliable performance

**BETTER GRADING.
BETTER QUALITY.**



CARDAMOM / ELAICHI SIEVING

PRECISION SEPARATION. MAXIMUM PURITY.



SAIFCO
AGROTECH ENGINEERS

Vibro Separator— We are a well-recognized manufacturer and exporter of Vibro Separator that includes a vertical type special motor which facilitates three dimensional motions which are circular, composed and elliptic in vertical, horizontal & inclinational faces. This separator is designed and manufactured using premium grade raw material at our sophisticated manufacturing unit by our experts. The offered Vibro Sieve Separator is available in various technical specifications according to the requirements of our clients at industry leading price.

MTRA machine— The separator-classifier MTRA is a highly efficient rice and paddy cleaner. It removes coarse, fine, and light impurities. Its stroke and angle of throw can be adjusted to classify many different grains, seeds, and pulses.



3D VIBRATION TECHNOLOGY

Circular, composed & elliptic motion in vertical, horizontal & inclinational faces for superior separation.



MULTI-DECK SEPARATION

One or more sieves separate impurities based on perforation type & size.



PREMIUM CONSTRUCTION

Manufactured using high grade raw material for strength, durability & long life.



VERTICAL SPECIAL MOTOR

Facilitates precise three dimensional vibration for uniform material flow.



EXPERT ENGINEERED & TESTED

Designed & built by experts to meet global quality standards & industry needs.

TECHNICAL SPECIFICATIONS

Machine Type	Vibro Sieve Separator / MTRA Classifier
Application	Cardamom (Elaiichi), Rice, Paddy, Pulses, Seeds & Grains
Capacity	Up to 2 Ton / Hour*
No. of Decks	2 / 3 / 4 (As per Requirement)
Sieve Material	SS Perforated Sheet
Frame Material	Stainless Steel (SS 304 / SS 316)
Drive System	Vertical Type Special Motor
Motion Type	Circular, Elliptic & Inclined (3 Dimensional)
Power Supply	415 V AC, Three Phase, 50 Hz
Installation	Floor Mounted
Suitable For	Cardamom / Elaiichi, Rice, Paddy, Pulses, Seeds & other Grains

* Capacity may vary based on material type, size, moisture content and perforation.

APPLICATIONS



CARDAMOM /
ELAICHI PROCESSING



RICE & PADDY
PROCESSING



PULSES
PROCESSING



SEED
PROCESSING



GRAIN
PROCESSING



FOOD
INDUSTRIES



KEY BENEFITS

- ✓ Efficient & accurate separation
- ✓ Removes coarse, fine & light impurities
- ✓ Adjustable stroke & angle of throw
- ✓ High capacity with uniform output
- ✓ Protects product quality & consistency
- ✓ Low maintenance & easy operation
- ✓ Strong, robust & hygienic construction
- ✓ Energy efficient performance
- ✓ Customizable decks & sieves
- ✓ Long service life & high reliability

**SUPERIOR SEPARATION.
BETTER YIELDS.**



SEMOLINA SUJI, VERMICELLI ROASTING MACHINE

UNIFORM ROASTING. BETTER FLAVOR. HIGHER QUALITY.



SAIFCO
AGROTECH ENGINEERS



Our Semolina Suji, Vermicelli Roasting Machine is designed to deliver uniform and controlled roasting for semolina, suji, vermicelli and other grain-based products. It ensures even heat distribution for consistent color, rich aroma and enhanced taste while retaining the natural nutritional value.

KEY FEATURES



UNIFORM ROASTING

Ensures even heat distribution for consistent color, aroma and taste.



PREMIUM CONSTRUCTION

Made with high-quality SS materials for durability and long life.



EASY OPERATION

Simple hand wheel operation with gears for smooth and effortless control.



ENERGY EFFICIENT

Efficient heat utilization for lower fuel consumption and higher output.



HYGIENIC & SAFE

Food grade stainless steel ensures hygiene, safety and easy cleaning.



LOW MAINTENANCE

Robust design with minimal maintenance for trouble-free performance.

TECHNICAL SPECIFICATIONS

Machine Type	Semolina Suji, Vermicelli Roasting Machine
Application	Roasting of Semolina, Suji, Vermicelli & Other Grains
Capacity	50 kg / Batch to 300 kg / Batch*
Drum Material	Stainless Steel (SS 304)
Frame Material	Mild Steel (MS) / SS (Optional)
Drum Diameter	600 mm to 1000 mm*
Drum Length	900 mm to 1500 mm*
Heating Type	Gas / Electric / Diesel
Drive System	Manual Hand Wheel with Gear Drive
Power Requirement	0.5 HP to 2 HP (Depending on Capacity)
Construction	Rugged & Heavy Duty
Installation	Floor Mounted
Finish	Power Coated
Options	SS Construction, Variable Speed Drive, Insulation Jacket

* Capacity & dimensions can be customized as per customer requirement.

APPLICATIONS



SEMOLINA
(SUJI)



VERMICELLI



ROASTING OF
GRAINS



SEEDS &
PULSES



FOOD PROCESSING
INDUSTRIES

BENEFITS

- ✓ Improves taste, aroma and appearance
- ✓ Uniform roasting for consistent quality
- ✓ Retains natural nutrition

- ✓ Increases shelf life
- ✓ High productivity
- ✓ Durable, reliable and cost effective



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

**ROAST TO PERFECTION.
DELIVER QUALITY.**

SEMOLINA SUJI / SPICES ROASTING MACHINE

UNIFORM ROASTING. RICH AROMA. SUPERIOR QUALITY.



SAIFCO
AGROTECH ENGINEERS

SAIFCO Semolina Suji / Spices Roasting Machine is engineered for perfect roasting of semolina, suji, vermicelli and a wide variety of spices and grains. It ensures uniform heat distribution, enhanced aroma, better flavor and longer shelf life while preserving the natural nutritional value of the product.



KEY FEATURES



UNIFORM ROASTING

Ensures even heat distribution for consistent roasting, rich aroma and better taste.



PREMIUM QUALITY CONSTRUCTION

Made from high quality stainless steel materials for durability, hygiene and long life.



ENERGY EFFICIENT

Optimized design for lower fuel / power consumption and higher productivity.



EASY OPERATION

User friendly control panel and smooth operation for maximum efficiency.



HYGIENIC & SAFE

Food grade construction ensures hygiene, safety and easy cleaning.



RELIABLE PERFORMANCE

Robust engineering for trouble-free operation and consistent output.

APPLICATIONS



SEMOLINA
(SUJI)



VERMICELLI



SPICES ROASTING
(MASALA)



SEEDS &
PULSES



GRAINS &
CEREALS



FOOD PROCESSING
INDUSTRIES

BENEFITS

- ✓ Enhances aroma, taste and appearance
- ✓ Uniform roasting for consistent quality
- ✓ Retains natural nutrition
- ✓ Increases shelf life

TECHNICAL SPECIFICATIONS

Machine Type	Semolina Suji / Spices Roasting Machine
Application	Roasting of Semolina, Suji, Vermicelli, Spices, Seeds & Grains
Capacity	50 kg / Batch to 300 kg / Batch*
Drum Material	Stainless Steel (SS 304)
Frame Material	Mild Steel (MS) with Powder Coating / Stainless Steel (SS 304) Optional
Drum Diameter	600 mm to 1000 mm*
Drum Length	900 mm to 1500 mm*
Heating Type	Gas / Electric / Diesel
Drive System	Motor with Gear Box & Coupling
Power Requirement	0.5 HP to 3 HP (Depending on Capacity)
Installation	Floor Mounted
Construction	Rugged & Heavy Duty
Finish	Food Grade Polish / Matt Finish
Options	Variable Speed Drive, Insulation Jacket, SS Construction, Auto Temperature Control Panel

* Capacity & dimensions can be customized as per customer requirement.

- ✓ High productivity & time saving
- ✓ Energy efficient & economical
- ✓ Hygienic and easy to clean
- ✓ Durable, reliable & long life

**BETTER ROASTING.
BETTER RESULTS.**



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saifcoanis@gmail.com, info@saifcoagrotechengineers.com

SCREW CONVEYOR

EFFICIENT CONVEYING. RELIABLE PERFORMANCE.

SAIFCO Screw Conveyors usually consist of a trough or tube containing a spiral blade coiled around a shaft, driven at one end and held at the other. The rate of volume transfer is proportional to the rotation rate of the shaft. 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.

We manufacture Screw Conveyors for Agricultural application like grains, pulses, seeds etc. and also for other industrial applications like pet coke, dust, construction raw material and rubber pallets etc.



SAIFCO
AGROTECH ENGINEERS

QUALITY FEATURES OF GOLDEN SCREW CONVEYOR



STATICALLY
BALANCED PROFILES



HIGHER PITCH
ON LOW DIAMETERS
FOR MAXIMUM
DISCHARGE



ONLY BRANDED
MATERIAL INCLUDING
MOTOR AND
GEAR BOX



TOUGH 3MM
MOUNDED
STRUCTURE



LONG LIFE
POWDER
COATED



TROUGH TYPE



TUBE TYPE

APPLICATIONS



GRAINS



PULSES
& SEEDS



SPICES



PET COKE &
INDUSTRIAL MATERIAL



DUST &
POWDER



CONSTRUCTION
MATERIAL



RUBBER
PALLETES

BENEFITS

- ✓ Efficient and continuous conveying
- ✓ Uniform material flow
- ✓ Low maintenance & operating cost
- ✓ Simple design for easy installation
- ✓ Suitable for wide range of materials
- ✓ Customizable design & capacity
- ✓ Long service life
- ✓ Space saving & compact design

TECHNICAL SPECIFICATIONS

Conveyor Type	Screw Conveyor
Construction	Trough / Tube Type
Material of Construction	Mild Steel (MS) / Stainless Steel (SS 304 / 316)
Screw Diameter	100 mm to 600 mm*
Conveyor Length	Up to 30 Meter*
Capacity	Up to 100 Ton / Hour*
Screw Pitch	Customized
Drive System	Gear Motor / Direct Drive
Power Supply	415 V AC, Three Phase, 50 Hz
Inclination	Horizontal to 45° Inclined
Flight Thickness	3 mm to 8 mm*
Shaft Diameter	25 mm to 150 mm*
Bearing Type	Heavy Duty / Plummer Block
Finish	Power Coated / Painted
Application	Grains, Pulses, Seeds, Spices, Pet Coke, Dust, Construction Material, Rubber Pallets, etc.

* Dimensions & capacity can be customized
as per customer requirement.

MOVE MORE.
ACHIEVE MORE.



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SUJI SEMOLINA DRYER MACHINE

EFFICIENT DRYING. UNIFORM QUALITY. MAXIMUM PERFORMANCE.



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BUILT FOR
DURABILITY

SAIFCO Suji Semolina Dryer Machine is specially designed for efficient and uniform drying of suji, semolina and other grain-based products. It ensures optimum moisture removal while retaining natural color, aroma and quality. The machine is energy efficient, easy to operate and built for long service life.

KEY FEATURES



EFFICIENT DRYING

Ensures uniform moisture removal for consistent product quality.



ENERGY SAVING

Low power consumption with high drying performance.



PREMIUM CONSTRUCTION

Made from high quality materials for durability and long life.



EASY OPERATION

User friendly control panel and simple operation.



TEMPERATURE CONTROL

Precise temperature control for better drying efficiency.



HYGIENIC DESIGN

Designed for easy cleaning and hygienic operation.

APPLICATIONS



SUJI & SEMOLINA
DRYING



GRAINS &
CEREALS



PULSES &
LEGUMES



SPICES &
MASALAS



FOOD PROCESSING
INDUSTRIES

BENEFITS

- ✓ Uniform drying with better quality
- ✓ Retains natural color and aroma
- ✓ Energy efficient and cost effective
- ✓ Easy operation and low maintenance

- ✓ High productivity and better output
- ✓ Hygienic and safe operation
- ✓ Long service life and reliable performance
- ✓ Suitable for continuous operation

TECHNICAL SPECIFICATIONS

Machine Type	Suji Semolina Dryer Machine
Application	Drying of Suji, Semolina, Grains & Related Products
Capacity	50 kg / Batch to 300 kg / Batch*
Drying Method	Hot Air Circulation
Heating Type	Electric / Gas / Diesel
Power Supply	415 V AC, Three Phase, 50 Hz
Installed Power	3 HP to 7.5 HP (Depending on Capacity)
Temperature Range	40°C to 120°C (Adjustable)
Control System	Digital Temperature Controller with Indicator
Construction	Mild Steel (MS) / Stainless Steel (SS 304) Optional
Finish	Powder Coated
Installation	Floor Mounted
Insulation	Yes
Options	Auto Temperature Control, Timer, Insulated Body, SS Construction

* Capacity & dimensions can be customized as per customer requirement.



INTENSIVE DAMPENER

EFFICIENT MOISTURE CONTROL. | ENHANCED QUALITY. | BETTER YIELDS.

SAIFCO Intensive Dampeners are designed to control and condition moisture in materials during the cleaning process of wheat, corn and other grains. It also improves grinding, screening efficiency and overall productivity.

Manufactured using superior quality components and advanced technology, our dampeners ensure uniform moisture addition for consistent and better results.



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ENGINEERING BETTER SOLUTIONS

KEY FEATURES



EFFICIENT MOISTURE CONTROL

Ensures uniform moisture addition to improve cleaning and processing efficiency.



ENHANCED PERFORMANCE

Improves grinding, screening and overall productivity.



PREMIUM QUALITY BUILD

Manufactured using high grade materials and precision components for long life and durability.



ROBUST & RELIABLE

Strong construction for continuous operation with minimal maintenance.



EASY OPERATION

Simple design for easy installation, operation and maintenance.

TECHNICAL SPECIFICATIONS

Machine Type	Intensive Dampener
Application	Wheat, Corn, Grains & Pulses
Construction	Heavy Duty
Material	Mild Steel (MS) / Stainless Steel (SS 304)
Capacity	Up to 20 Ton / Hour*
Working Principle	Controlled Water Spray Through Internal Nozzles
Moisture Addition	Adjustable
Power Requirement	1 HP to 5 HP (Depending on Capacity)
Drive System	Gear Motor / Direct Drive
Finish	Powder Coated (MS) / Matt Finish (SS)
Installation	Floor Mounted
Options	SS Construction, Variable Speed Drive, Automation & Control Panel

* Capacity can be customized as per requirement.

APPLICATIONS



WHEAT & SEMOLINA



CORN & MAIZE



PULSES & LEGUMES



OIL SEEDS



GRAINS & CEREALS



FOOD PROCESSING INDUSTRIES

BENEFITS

- ✓ Uniform moisture addition
- ✓ Improves cleaning efficiency
- ✓ Better grinding & screening results
- ✓ Enhances product quality
- ✓ Increases productivity
- ✓ Reduces breakage & wastage
- ✓ Low maintenance
- ✓ Long service life

CONTROL MOISTURE.
IMPROVE PERFORMANCE.
DELIVER EXCELLENCE.



REEL MACHINE

ADVANCED SCREENING. HIGH CAPACITY. CONSISTENT PERFORMANCE.

SAIFCO Reel Machine is designed for efficient cleaning and grading of wheat, corn, pulses, rice and other grains. It separates impurities and undersized particles with high capacity and consistent efficiency.

Built with precision engineered components, it ensures reliable performance, low maintenance and long service life.



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— ENGINEERING BETTER SOLUTIONS —



BUILT STRONG

Heavy duty construction for long life and trouble-free operation.

APPLICATIONS



WHEAT



CORN



PULSES



RICE



OIL SEEDS



GRAINS



FOOD PROCESSING INDUSTRIES

KEY FEATURES



HIGH CAPACITY SCREENING

Perforated rotating reel for efficient separation of impurities and fines.



UNIFORM PERFORMANCE

Ensures accurate grading and consistent output quality.



RUGGED CONSTRUCTION

Heavy duty structure for durability and long service life.



LOW MAINTENANCE

Easy access design for quick inspection and clearing.



ENERGY EFFICIENT

Optimized design for low power consumption and high efficiency.

TECHNICAL SPECIFICATIONS

Machine Type	Reel Machine
Application	Cleaning & Grading of Grains, Pulses, Seeds & Cereals
Capacity	Up to 20 Ton / Hour*
Reel Diameter	600 mm to 1500 mm*
Reel Length	1000 mm to 3000 mm*
Screen	Perforated MS / SS Sheet
Screen Size	As per Requirement
Drive System	Gear Motor / V Belt Drive
Power Requirement	3 HP to 10 HP (Depending on Capacity)
Material of Construction	Mild Steel (MS) / Stainless Steel (SS 304) Optional
Construction	Heavy Duty Fabrication
Finish	Powder Coated
Installation	Floor Mounted
Options	SS Construction, Different Screen Size, Variable Speed Drive, Cover with Inspection Doors.

* Capacity & dimensions can be customized as per customer requirement.

BENEFITS



High capacity & high efficiency



Effective removal of fines & impurities



Improves product quality



Consistent & uniform output



Low maintenance & easy cleaning



Energy efficient operation



Long service life



Reliable performance

**CLEAN BETTER.
PERFORM BETTER.**



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VIBRO PURIFIER MACHINE

ADVANCED PURIFICATION. HIGHER YIELD. SUPERIOR QUALITY.



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The **Vibro Purifier Machine** is an advanced purification system used in flour mills and grain processing plants to separate and purify semolina, middlings, and granular products based on particle size and density. Utilizing a combination of vibration, sieving, and controlled airflow, the machine efficiently removes bran particles and other impurities, ensuring a high-purity product for further milling.

Designed for precision and efficiency, the Vibro Purifier enhances flour quality, improves extraction rates, and increases overall milling performance. Its robust construction, adjustable operating parameters, and high-capacity design make it an essential component in modern wheat milling systems.

The machine features multiple sieve decks and an integrated air aspiration system that effectively classifies products, delivering superior purification and consistent product quality.

KEY FEATURES



EFFICIENT PURIFICATION
Removes bran, dust and impurities effectively.



MULTIPLE SIEVE DECKS
Superior screening efficiency with uniform output.



VIBRATION + SIEVING + AIRFLOW
Ensures precise separation based on size & density.



AIR ASPIRATION SYSTEM
Integrated air flow for effective classification & cleaning.



IMPROVED EXTRACTION
Enhances flour quality and increases extraction rates.



ROBUST & RELIABLE
Durable construction for long service life and low maintenance.

TECHNICAL SPECIFICATIONS

Machine Type	Vibro Purifier Machine
Application	Purification of Semolina, Middlings, Flour, Grains & Granular Products
Capacity	Up to 20 Ton / Hour*
No. of Sieve Decks	2 to 4 Decks (As per Requirement)
Sieve Material	Perforated MS / SS Sheet
Sieve Size	As per Requirement
Aspiration System	Integrated Air Aspiration with Adjustable Airflow
Drive System	Vibration Motor / Eccentric Drive
Power Requirement	3 HP to 7.5 HP (Depending on Capacity)
Body Material	Mild Steel (MS) / Stainless Steel (SS 304) Optional
Finish	Powder Coated
Installation	Floor Mounted
Control System	Adjustable Flow & Vibration Control
Options	SS Construction, Extra Decks, Different Sieve Sizes, Dust Collection System

* Capacity can be customized as per requirement.

APPLICATIONS



WHEAT MILLING PLANTS



MAIZE PROCESSING



PULSES PROCESSING



RICE MILLING PLANTS



GRAINS & CEREALS



FOOD PROCESSING INDUSTRIES

BENEFITS

- ✓ High purity and better product quality
- ✓ Improves milling efficiency
- ✓ Higher extraction yield
- ✓ Removes bran & fine impurities effectively

- ✓ Uniform classification of products
- ✓ Low power consumption
- ✓ Easy operation & maintenance
- ✓ Long term reliable performance

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BETTER YIELD TOMORROW.**



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REEL MACHINE

ADVANCED SCREENING. HIGH CAPACITY. CONSISTENT PERFORMANCE.

SAIFCO Reel Machine is designed for efficient cleaning and grading of wheat, corn, pulses, rice and other grains. It separates impurities and undersized particles with high capacity and consistent efficiency.

Built with precision engineered components, it ensures reliable performance, low maintenance and long service life.



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BUILT STRONG

Heavy duty construction for long life and trouble-free operation.

APPLICATIONS



WHEAT



CORN



PULSES



RICE



OIL SEEDS



GRAINS



FOOD PROCESSING INDUSTRIES

KEY FEATURES



HIGH CAPACITY SCREENING

Perforated rotating reel for efficient separation of impurities and fines.



UNIFORM PERFORMANCE

Ensures accurate grading and consistent output quality.



RUGGED CONSTRUCTION

Heavy duty structure for durability and long service life.



LOW MAINTENANCE

Easy access design for quick inspection and clearing.



ENERGY EFFICIENT

Optimized design for low power consumption and high efficiency.

TECHNICAL SPECIFICATIONS

Machine Type	Reel Machine
Application	Cleaning & Grading of Grains, Pulses, Seeds & Cereals
Capacity	Up to 20 Ton / Hour*
Reel Diameter	600 mm to 1500 mm*
Reel Length	1000 mm to 3000 mm*
Screen	Perforated MS / SS Sheet
Screen Size	As per Requirement
Drive System	Gear Motor / V Belt Drive
Power Requirement	3 HP to 10 HP (Depending on Capacity)
Material of Construction	Mild Steel (MS) / Stainless Steel (SS 304) Optional
Construction	Heavy Duty Fabrication
Finish	Powder Coated
Installation	Floor Mounted
Options	SS Construction, Different Screen Size, Variable Speed Drive, Cover with Inspection Doors.

* Capacity & dimensions can be customized as per customer requirement.

BENEFITS



High capacity & high efficiency



Effective removal of fines & impurities



Improves product quality



Consistent & uniform output



Low maintenance & easy cleaning



Energy efficient operation



Long service life



Reliable performance

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DUCK ASPIRATION (BATTAKH TYPE)

EFFECTIVE ASPIRATION. CLEANER GRAINS. BETTER QUALITY.



POWERFUL ASPIRATION FOR SUPERIOR PURIFICATION

Removes light impurities, dust and husk for cleaner and higher quality grains.



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The Duck Aspiration (Battakh Type) is widely used in flour mills and grain processing plants to remove light impurities, dust, chaff, and husk from grains based on the difference in specific gravity. It improves the overall quality of grains and enhances milling efficiency.

Its compact design, high air suction capacity, and sturdy construction ensure consistent performance, low power consumption, and long service life.

KEY FEATURES



EFFICIENT ASPIRATION

High volume air suction removes light impurities, dust and husk effectively.



IMPROVES PRODUCT QUALITY

Ensures cleaner grains for better milling output and higher quality products.



RUGGED & DURABLE

Strong construction for continuous operation with minimal maintenance.



LOW POWER CONSUMPTION

Designed for energy efficiency and cost effective performance.



EASY OPERATION & ADJUSTMENT

Simple to operate with easy airflow adjustment.

TECHNICAL SPECIFICATIONS

Machine Type	Duck Aspiration (Battakh Type)
Application	Removal of Light Impurities, Dust, Husk & Chaff from Grains
Suitable For	Wheat, Maize, Rice, Pulses, Oil Seeds & Other Grains
Air Flow	High Volume Air Suction
Fan Size	As per Capacity
Capacity	Up to 20 Ton / Hour*
Power Requirement	2 HP to 7.5 HP (Depending on Capacity)
Drive System	Direct / Belt Drive
Construction	Heavy Duty Fabrication
Body Material	Mild Steel (MS)
Finish	Powder Coated
Installation	Floor Mounted
Air Inlet	Adjustable Air Inlet
Outlet	Impurity Outlet at Top
Options	SS Construction, Variable Speed Drive, Cyclone System Integration

* Capacity can be customized as per customer requirement.

APPLICATIONS



FLOUR MILLS



MAIZE
PROCESSING PLANTS



PULSES
PROCESSING PLANTS



RICE MILLS



OIL SEEDS
PROCESSING



GRAIN PROCESSING
INDUSTRIES

BENEFITS

- ✓ Removes light impurities & dust
- ✓ Improves grain cleanliness
- ✓ Enhances milling efficiency
- ✓ Better quality end products
- ✓ High suction capacity
- ✓ Low maintenance
- ✓ Energy efficient performance
- ✓ Long service life

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MICRO CONTROL FEEDER (MCF)

PRECISE FEEDING. OPTIMAL CONTROL. IMPROVED EFFICIENCY.

SAIFCO Micro Control Feeder (MCF) is a precision feeding system designed to handle a wide range of free flowing and non-free flowing materials with high accuracy and consistency. It ensures controlled feeding to processing equipment, enhancing product quality, reducing wastage and improving overall process efficiency.



ACCURATE FEEDING
Consistent flow control for better process performance

APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING
PLANTS



SPICE & MASALA
INDUSTRIES



CHEMICAL & PHARMA
INDUSTRIES



FOOD PROCESSING
INDUSTRIES



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KEY FEATURES



PRECISE FLOW CONTROL

Micro control mechanism ensures accurate and uniform feeding.



IMPROVED PROCESS EFFICIENCY

Maintains consistent material flow for optimized production.



ROBUST CONSTRUCTION

Built with high quality materials for durability and long service life.



EASY INTEGRATION

Compact design for easy installation and integration with existing systems.



LOW MAINTENANCE

Simple operation with minimal maintenance requirements.



WIDE APPLICATION RANGE

Suitable for powders, granules, pellets and other bulk materials.

TECHNICAL SPECIFICATIONS

Machine Type	Micro Control Feeder (MCF)
Application	Precise Feeding of Powders, Grains, Granules & Pellets
Capacity	50 kg / hr to 5000 kg / hr*
Feeding Accuracy	± 1% to ± 5% (Depending on Material)
Construction	SS 304 / Mild Steel (MS)
Tube Diameter	60 mm to 250 mm (Standard) (Customized Available)
Drive System	Gear Motor / Servo Motor Drive
Power Requirement	0.25 HP to 2 HP (Depending on Capacity)
Control System	Manual / VFD / PLC Based Control
Hopper Type	Square / Round / Customized
Surface Finish	Polished (SS) / Powder Coated (MS)
Installation	Horizontal / Inclined / Vertical
Options	VFD Control, Load Cell, Agitator, Level Sensor, Customized Design

* Capacity can be customized as per customer requirement.

BENEFITS

- ✓ Accurate & consistent feeding
- ✓ Improves product quality
- ✓ Reduces material wastage
- ✓ Enhances process efficiency
- ✓ Low power consumption
- ✓ Easy operation & maintenance
- ✓ Long service life
- ✓ Customizable as per requirement



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CONTROL FEEDING.
CONTROL QUALITY.

WASHER WHIZZER MACHINE

CLEANER GRAINS. BETTER HYGIENE. HIGHER MILLING PERFORMANCE.



EFFICIENT WASHING & DEWATERING

Effectively removes surface impurities, dust, dirt and mud while reducing moisture for cleaner, healthier grains.

APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING PLANTS



PULSES & OIL SEEDS



RICE MILLS



ANIMAL FEED INDUSTRIES



FOOD PROCESSING INDUSTRIES



The Washer Whizzer Machine is a specialized grain cleaning and conditioning machine used in flour mills and grain processing plants for washing, scrubbing, and dewatering grains before milling.

It combines efficient washing action with high-speed centrifugal drying to remove impurities and excess moisture, ensuring cleaner grain, improved hygiene, and enhanced milling performance.

KEY FEATURES



THOROUGH WASHING

Efficient water washing removes dust, mud and surface impurities.



HIGH-SPEED WHIZZER

Centrifugal action removes excess moisture quickly and effectively.



IMPROVED HYGIENE

Ensures cleaner grains for better product quality and safety.



ROBUST & RELIABLE

Heavy duty construction for continuous operation.



EASY MAINTENANCE

Simple design for easy access, operation and maintenance.



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— ENGINEERING BETTER SOLUTIONS —

TECHNICAL SPECIFICATIONS

Machine Type	Washer Whizzer Machine
Application	Washing, Scrubbing & Dewatering of Grains
Suitable For	Wheat, Maize, Rice, Pulses, Oil Seeds & Other Grains
Capacity	1 Ton / Hr to 10 Ton / Hr*
Washing Section	Water Spray & Agitation System
Whizzer Type	High Speed Centrifugal (Vertical Type)
Moisture Reduction	Up to 8% - 12% (Depending on Grain & Capacity)
Drive System	V Belt Drive / Direct Drive
Power Requirement	3 HP to 20 HP (Depending on Capacity)
Construction	Mild Steel (MS) / Stainless Steel (SS)
Surface Finish	Powder Coated (MS) / Polished (SS)
Water Inlet	½" to 1" (Adjustable)
Discharge	Clean Grain Outlet with Gate
Installation	Floor Mounted
Options	SS Construction, Variable Speed Drive, Auto Water Control, Moisture Sensor Integration

* Capacity can be customized as per customer requirement.

BENEFITS

- ✓ Removes dust, dirt, mud & impurities
- ✓ Reduces excess moisture effectively
- ✓ Improves grain cleanliness & hygiene
- ✓ Enhances milling efficiency
- ✓ Better product quality & output
- ✓ Reduces load on drying system
- ✓ Low maintenance & easy operation
- ✓ Long service life



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CLEANER GRAINS.
BETTER PERFORMANCE.
GREATER VALUE.

PRE-MIX INSTANT ENERGY FOOD PLANT

COMPLETE SOLUTION FOR PRE-MIX ENERGY FOOD PROCESSING

SAIFCO's machines and Energy Food Plant have been designed and developed with the objective of enabling processing of a variety of grains. Moreover, the saifco innovative technology and easy-to-use features allow machines to rapidly adjust to suit different applications as well as specific requirements.



PRODUCTION CAPACITY
1-2 TONN PER DAY



ENERGY EFFICIENT
LOW POWER CONSUMPTION

KEY HIGHLIGHTS



TEMPERATURE CONTROL
Advanced cooler system reduces temperature for better quality.



HOMOGENEOUS MIXING
Ensures uniform mixing of raw materials for consistent quality.



HIGH QUALITY GRINDING
Superior grade sugar grinder for fine and uniform particle size.



ROBUST & RELIABLE
Heavy duty construction with premium quality components.



EASY OPERATION
User friendly operation with minimal maintenance.



MAXIMUM EFFICIENCY
Engineered for higher output, better performance and savings.



COOLER – This is used to reduce the temperature of material. As an eminent manufacturer and exporter, we are providing our clients excellent quality cooler that is used to reduce temperature.



MIXING LINE – Used to mix two or more materials. You can inspect your product, and make changes if necessary. The basic substrate and aggregates are mixed (rapidly or vigorously as desired) in a specially designed horizontal mixing.



SUGAR GRINDER – Used to grind the sugar. We are a trusted organization, successfully engaged in manufacturing, exporting and supplying superior grade Sugar Grinder.



ROASTER CUM BLENDER – Used to blend and roast the material. We are involved in providing superb quality range of Blender Cum Roaster in different specification.



HORIZONTAL ROLLER MILL – Used for grinding of different variety of wheat, barley, malt and any other grinding applications with uniform distribution and high efficiency.

ADVANCED DESIGN
SUPERIOR PERFORMANCE



SUITABLE FOR



WHEAT



MAIZE



RICE



PULSES



OIL SEEDS



SPICES & MASALA



FOOD PROCESSING INDUSTRIES



QUALITY YOU CAN TRUST



BUILT FOR DURABILITY



ENERGY EFFICIENT



AFTER SALES SUPPORT

COMPLETE PLANT
READY TO PERFORM



BENEFITS



Better Product Quality



Higher Milling Efficiency



Low Power Consumption



Reduces Wastage



Easy Operation & Maintenance



Long Service Life



Customized Solutions



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**BETTER TECHNOLOGY.
BETTER PERFORMANCE.
BETTER TOMORROW.**

MAIZE PEELER AND DEGERMINATOR



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— ENGINEERING BETTER SOLUTIONS —

EFFICIENT PEELING. EFFECTIVE DEGERMINATION. SUPERIOR QUALITY.

SAIFCO Maize Peeler and Degerminator is designed to efficiently remove the outer pericarp and germ from maize kernels while maintaining maximum yield and quality. It ensures clean, polished maize suitable for flour milling and other downstream applications. Built for high performance, durability, and low maintenance, it delivers consistent results with excellent energy efficiency.



KEY FEATURES



EFFICIENT PEELING

Removes outer pericarp efficiently without damaging the kernel.



EFFECTIVE DEGERMINATION

Separates germ for improved shelf life and flour quality.



HIGH CAPACITY

Handles large volumes with consistent performance.



LOW BREAKAGE

Advanced design ensures minimum kernel breakage and higher recovery.



ENERGY EFFICIENT

Optimized power consumption for maximum output.



EASY OPERATION & MAINTENANCE

User-friendly design for easy operation and maintenance.



RUGGED & DURABLE

Built with quality materials for long service life and reliability.

TECHNICAL SPECIFICATIONS

Machine Type	Maize Peeler and Degerminator
Application	Peeling & Degermination of Maize
Capacity	1 to 5 Ton / Hr* (Depends on Maize Quality & Size)
Peeling Efficiency	≥ 95%
Degermination Efficiency	≥ 90%
Power Requirement	7.5 HP to 30 HP (Depending on Capacity)
Air Requirement	500 – 1000 CFM
Construction	Mild Steel / Stainless Steel
Finish	Powder Coated
Power Supply	415V, 50Hz, 3 Phase
Installation	Floor Mounted
Outlet	Separate Outlet for Peeled Corn and Germ
Options	Aspirator, Cyclone, Control Panel, VFD Drive, Auto Feeding System

* Capacity can be customized as per customer requirement.

APPLICATIONS



MAIZE FLOUR
MILLS



ANIMAL FEED
INDUSTRY



STARCH & CORN
PROCESSING



STARCH & FOOD
INDUSTRY



MAIZE SEMOLINA
INDUSTRY

BENEFITS

- ✓ Better flour quality & shelf life
- ✓ Higher yield & recovery
- ✓ Uniform peeling & degermination
- ✓ Low power consumption
- ✓ Less breakage, more output
- ✓ Easy to operate & maintain
- ✓ Durable construction
- ✓ Consistent performance



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BETTER TECHNOLOGY.
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BETTER TOMORROW.

ZIG-ZAG AIR CLASSIFIER

ADVANCED PNEUMATIC SEPARATION. PRECISE CLASSIFICATION.



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ENGINEERING BETTER SOLUTIONS



PRECISE SEPARATION
Superior classification
for higher purity
and better quality

The Zig-Zag Air Classifier is an advanced pneumatic separation machine designed to classify and separate materials based on their weight, density, and aerodynamic properties.

It efficiently removes light impurities such as dust, husk, chaff, paper particles, and other low-density contaminants from the product stream.

Designed for high accuracy and low maintenance, it ensures improved product purity, reduced wear on downstream equipment, and enhanced overall processing efficiency.

KEY FEATURES



EFFICIENT AIR CLASSIFICATION

Uses controlled upward air flow to separate materials based on aerodynamic properties.



HIGH SEPARATION ACCURACY

Effectively removes light impurities and delivers uniform, high-quality output.



MULTI-STAGE ZIG-ZAG CHAMBER

Vertical zig-zag design creates multiple separation stages for better performance.



LOW MAINTENANCE DESIGN

Simple structure with fewer moving parts ensures easy operation and minimal maintenance.



RUGGED & DURABLE

Heavy-duty construction for long life and continuous industrial operation.

TECHNICAL SPECIFICATIONS

Machine Type	Zig-Zag Air Classifier
Function	Separation of light impurities based on aerodynamic properties
Application	Flour Mills, Grain Processing Plants, Recycling, Food Processing Industries
Capacity	1 Ton / Hr to 10 Ton / Hr*
Air Flow Requirement	1500 – 4000 CFM
Air Pressure	150 – 250 mm WC
Construction	Mild Steel / Stainless Steel
Power Requirement	2 HP to 10 HP (Depending on Capacity)
Drive	Direct / Belt Drive
Separation Efficiency	Up to 95% (Depending on Material)
Installation	Floor Mounted with Platform
Inlet	Feed Material Inlet
Outlet	Separate Outlet for Light & Heavy Materials
Options	Cyclone, Blower, Control Panel, Variable Air Control, Ducting
Finishing	Painted / Powder Coated

* Capacity can be customized as per customer requirement.

APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING
PLANTS



RECYCLING
INDUSTRY



FOOD PROCESSING
INDUSTRIES



SEEDS & SPICE
PROCESSING

BENEFITS

- ✓ Removes dust, husk, chaff & other light impurities
- ✓ Improves product purity and quality
- ✓ Reduces load on downstream equipment
- ✓ Enhances overall process efficiency
- ✓ Uniform separation with high accuracy
- ✓ Low power consumption
- ✓ Compact design with high capacity
- ✓ Easy operation and maintenance



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**BETTER TECHNOLOGY.
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BETTER TOMORROW.**

RIBBON BLENDER

UNIFORM BLENDING. CONSISTENT QUALITY.



APPLICATIONS



FOOD
INDUSTRY



ANIMAL FEED
INDUSTRY



CHEMICAL
INDUSTRY



PHARMACEUTICAL
INDUSTRY



AGRICULTURE &
FERTILIZERS



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— ENGINEERING BETTER SOLUTIONS —

The Ribbon Blender is a versatile and efficient mixing machine designed for homogeneous blending of powders, granules, and semi-solids. Its unique ribbon agitator ensures thorough and uniform mixing in a short time, making it ideal for food, feed, chemical, and pharmaceutical industries. Built with high-quality materials and robust construction, it delivers consistent performance, minimum maintenance, and long service life.

KEY FEATURES



UNIFORM MIXING

Double ribbon agitator ensures fast and homogenous mixing.



HIGH QUALITY & DURABILITY

Built with premium quality material for long life and reliable performance.



SIMPLE OPERATION

Easy to operate, clean and maintain with minimal downtime.



TIME & ENERGY SAVING

Efficient design reduces mixing time and power consumption.



EASY DISCHARGE

Bottom central discharge with quick opening door for easy unloading.

TECHNICAL SPECIFICATIONS

Machine Type	Ribbon Blender
Application	Mixing of Powders, Granules & Semi-Solids
Capacity	50 Ltr to 5000 Ltr (As per requirement)
Mixing Time	3 to 10 Minutes (Depending on Product)
Material of Construction	Mild Steel / Stainless Steel 304 / 316
Ribbon Type	Double Helical Ribbon
Power Requirement	1 HP to 15 HP (Depending on Capacity)
Drive	Geared Motor / Direct Drive
Discharge	Bottom Central Discharge
Finish	Polished / Matt / Painted
Installation	Floor Mounted
Options	SS Construction, Jacketed, Heating / Cooling, Inlet Hopper, PLC Control

BENEFITS

- ✓ Uniform & homogenous mixing
- ✓ High efficiency and productivity
- ✓ Low maintenance & easy cleaning
- ✓ Suitable for wide range of materials

- ✓ Robust construction & long life
- ✓ Reduced mixing time
- ✓ Energy efficient operation
- ✓ Consistent product quality



WHEAT GRAVITY TABLE SEPARATOR

PRECISE SEPARATION. HIGHER PURITY. BETTER YIELD.



APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING
PLANTS



SEED CLEANING
INDUSTRY



FOOD GRAIN
INDUSTRY



AGRO PROCESSING
INDUSTRY



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SAIFCO Wheat Gravity Table Separator is designed to separate wheat from lighter impurities such as dust, chaff, shriveled grains, and stones based on difference in specific gravity. It ensures high separation efficiency, better grain quality, and improved processing performance with minimal grain loss.

KEY FEATURES



EFFICIENT SEPARATION

Uses air flow and vibration to separate heavier wheat grains from lighter impurities.



HIGH SEPARATION ACCURACY

Advanced design ensures high efficiency with minimal good grain loss.



UNIFORM FEED DISTRIBUTION

Vibratory feeder ensures even distribution of material across the table.



ADJUSTABLE AIR FLOW & STROKE

Easy adjustment for different grain types and operating conditions.



RUGGED & DURABLE BUILD

Robust construction for continuous operation and long service life.



EASY CLEANING & MAINTENANCE

Quick access design for easy cleaning and minimal downtime.

TECHNICAL SPECIFICATIONS

Machine Type	Wheat Gravity Table Separator
Function	Separation of Wheat from Light Impurities by Specific Gravity
Application	Wheat Cleaning & Grading in Flour Mills and Grain Processing Plants
Capacity	2 to 10 Ton / Hr* (Depending on Material & Impurity Level)
Table Size (L x W)	2000 x 1200 mm (Standard)
Air Flow Requirement	2500 – 4000 CFM
Air Pressure	150 – 250 mm WC
Power Requirement	1.5 HP to 5 HP (Depending on Capacity)
Drive System	Vibratory Motor / Eccentric Drive
Construction	Mild Steel / Stainless Steel
Installation	Floor Mounted
Outlet	Separate Outlet for Clean Wheat and Light Impurities
Options	Dust Collector, Air Control Damper, VFD Drive, Pre-Cleaner, Hopper

BENEFITS

- ✓ High separation efficiency
- ✓ Improved product quality
- ✓ Minimal grain loss
- ✓ Low maintenance & easy operation
- ✓ Energy efficient operation
- ✓ Consistent performance
- ✓ Suitable for continuous operation
- ✓ Enhanced overall productivity



SAIFCO
AGROTECH ENGINEERS



+91-8826275786, 9717814200, 8447867861



saifcoanis@gmail.com, info@saifcoagrotechengineers.com

**BETTER TECHNOLOGY.
BETTER PERFORMANCE.
BETTER TOMORROW.**

SEED CLEANING AND GRADING PLANT

COMPLETE SOLUTION FOR CLEANING, GRADING & SORTING OF SEEDS



APPLICATIONS



CEREAL CROPS



PULSES & LEGUMES



OILSEEDS



MAIZE & GRAINS



SEED INDUSTRY



AGRO FOOD INDUSTRY



SAIFCO
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SAIFCO Seed Cleaning and Grading Plant is designed to clean, grade and sort seeds and grains to achieve high quality output with maximum efficiency. It removes impurities such as dust, chaff, stones, broken seeds, shriveled grains and other foreign materials through a series of precise operations. The plant ensures uniform size grading for better market value and improved processing performance.

KEY FEATURES



EFFICIENT CLEANING

Removes dust, chaff, husk, stones, and other impurities effectively.



ACCURATE GRADING

Uniform grading by size ensures better quality and consistency.



HIGH CAPACITY

Designed for continuous operation with high throughput.



LOW POWER CONSUMPTION

Optimized design for low energy usage and high efficiency.



EASY OPERATION & MAINTENANCE

User-friendly operation with easy maintenance and minimal downtime.



DURABLE & RELIABLE

Robust construction for long service life and consistent performance.

TECHNICAL SPECIFICATIONS

Plant Type	Seed Cleaning and Grading Plant
Function	Cleaning, Grading & Sorting of Seeds
Application	Wheat, Paddy, Maize, Pulses, Oilseeds, Grains & Seeds
Capacity	1 Ton / Hr to 10 Ton / Hr* (Depending on Material & Requirement)
Air Flow Requirement	2500 – 5000 CFM
Air Pressure	150 – 250 mm WC
Power Requirement	5 HP to 15 HP (Depending on Capacity)
Components	Aspirator, Destoner, Grader, Separator, Bucket Elevator, Cyclone, Blower, Control Panel & Conveyors
Material of Construction	Mild Steel / Stainless Steel
Installation	Floor Mounted
Power Supply	415V, 50Hz, 3 Phase
Control System	Manual / Semi Automatic / PLC Based

* Capacity can be customized as per customer requirement.

BENEFITS

- ✓ Removes impurities & foreign particles
- ✓ Improves seed quality & market value
- ✓ Uniform size grading for better output
- ✓ Higher throughput & productivity
- ✓ Low power consumption
- ✓ Durable construction
- ✓ Easy to operate & maintain
- ✓ Consistent & reliable performance

HAMMER MILL PULVERIZER

POWERFUL PULVERIZING. HIGH PERFORMANCE. FINE RESULTS.



APPLICATIONS



FOOD
INDUSTRY



SPICE & HERBAL
INDUSTRY



ANIMAL FEED
INDUSTRY



CHEMICAL
INDUSTRY



SEED PROCESSING
INDUSTRY



AGRO PROCESSING
INDUSTRY



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Hammer Mill Pulverizer is designed for efficient grinding of grains, spices, herbs and other dry materials into fine powder. It is widely used in food, feed, spice, herbal, chemical and allied industries for particle size reduction. The machine delivers high output with uniform particle size and ensures easy operation, low maintenance and long service life.

KEY FEATURES



HIGH SPEED GRINDING

High speed hammer rotor for efficient and fine grinding.



UNIFORM PARTICLE SIZE

Consistent and uniform output with adjustable screen sizes.



ROBUST CONSTRUCTION

Sturdy design with high quality materials for long service life.



ENERGY EFFICIENT

Optimized design for lower power consumption and higher productivity.



EASY OPERATION & MAINTENANCE

Simple structure ensures easy operation, cleaning and maintenance.



WIDE APPLICATION

Suitable for a wide range of dry materials in different industries.

- ✓ Fine and uniform grinding
- ✓ High productivity
- ✓ Low maintenance
- ✓ Durable and reliable performance



TECHNICAL SPECIFICATIONS

Machine Type	Hammer Mill Pulverizer
Function	Grinding / Pulverizing of Dry Materials
Application	Grains, Spices, Herbs, Seeds, Chemicals, Feed, Food, etc.
Capacity	50 kg/hr to 2000 kg/hr (Depending on Model & Material)
Motor Power	5 HP to 50 HP (Depending on Capacity)
Rotor Speed	2800 to 4500 RPM
Screen Size	0.5 mm to 10 mm (Changeable)
Material of Construction	Mild Steel / Stainless Steel 304 / 316
Feed Size	Upto 10 mm (Depending on Material)
Discharge	Cyclone / Bag Filter / Direct Discharge
Construction	Heavy Duty Fabrication
Installation	Floor Mounted
Drive System	V-Belt / Direct Coupled
Options	Cyclone Separator, Dust Collector, Blower, Different Screen Sizes
* Capacity can be customized as per customer requirement.	

BENEFITS

- ✓ Energy saving operation
- ✓ Easy cleaning and operation
- ✓ Suitable for wide range of materials
- ✓ Long service life



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+91-8826275786 , 9717814200, 8447867861



saifcoanis@gmail.com , info@saifcoagrotechengineers.com

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VIBRO BRAN FINISHER

EFFICIENT BRAN FINISHING. UNIFORM SEPARATION. BETTER QUALITY.



SAIFCO
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— ENGINEERING BETTER SOLUTIONS —



The Vibro Bran Finisher is designed to separate light bran particles from good grains through controlled vibration and air flow. It ensures high separation efficiency, uniform finishing, and better product quality with low power consumption and easy operation. Ideal for flour mills and grain processing units.

KEY FEATURES



EFFICIENT SEPARATION

Effectively separates light bran and impurities from good grains.



VIBRATION TECHNOLOGY

High frequency vibration ensures uniform layer movement and better separation.



HIGH QUALITY OUTPUT

Produces clean, uniform and high quality finished product.



LOW POWER CONSUMPTION

Optimized design for energy efficient performance.



EASY OPERATION & MAINTENANCE

Simple structure for easy operation, cleaning and maintenance.



ROBUST & DURABLE

Sturdy construction for long service life and reliable performance.

TECHNICAL SPECIFICATIONS

Machine Type	Vibro Bran Finisher
Function	Separation of Bran & Light Impurities
Application	Flour Mills, Grain Processing Units
Capacity	500 kg/hr to 3000 kg/hr (Depending on Model)
Screen Size	1.0 mm to 2.5 mm (Replaceable)
Vibration Motor	1.0 HP to 3.0 HP (Depending on Capacity)
Air Flow Requirement	1500 – 3000 CFM
Air Pressure	150 – 250 mm WC
Material of Construction	Mild Steel / Stainless Steel 304 / 316
Discharge	Bran Outlet & Good Grain Outlet
Construction	Heavy Duty Fabrication
Installation	Floor Mounted
Power Supply	415V, 50Hz, 3 Phase
Options	VFD Drive, Dust Collector, Different Screen Size, Air Control Damper

APPLICATIONS



FLOUR MILLS



RICE MILLS



GRAIN PROCESSING
UNITS



MAIZE & CEREAL
INDUSTRIES



SEED PROCESSING
INDUSTRY

BENEFITS

- ✓ High separation efficiency
- ✓ Clean and uniform product
- ✓ Improves milling and product quality
- ✓ Low maintenance and easy cleaning
- ✓ Low power consumption
- ✓ Durable and robust construction
- ✓ Consistent performance
- ✓ Suitable for continuous operation



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saifcoanis@gmail.com , info@saifcoagrotechengineers.com

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PNEUMATIC LIFT SYSTEM

EFFICIENT MATERIAL HANDLING. CLEAN. SAFE. RELIABLE.

The Pneumatic Lift System is designed for efficient vertical conveying of powder and granular materials with minimal product damage and maximum hygiene. Ideal for food processing, grain handling and other bulk material industries.



APPLICATIONS



FLOUR MILLS



GRAIN PROCESSING
PLANTS



FOOD
INDUSTRY



SPICE & HERBAL
INDUSTRY



CHEMICAL
INDUSTRY



FEED
INDUSTRY



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KEY FEATURES



EFFICIENT CONVEYING

Pneumatic conveying for dust-free vertical lifting of bulk materials.



HIGH CAPACITY

Handles a wide range of materials with high throughput.



LOW PRODUCT DAMAGE

Gentle conveying ensures minimal breakage and maintains quality.



HYGIENIC & CLEAN

Fully enclosed system prevents dust leakage and contamination.



ENERGY SAVING

Low power consumption with high operational efficiency.



EASY INSTALLATION & MAINTENANCE

Modular design for quick installation and hassle-free maintenance.



ROBUST & DURABLE

Sturdy construction for long service life and reliable performance.

TECHNICAL SPECIFICATIONS

System Type	Pneumatic Lift System
Function	Vertical Conveying of Powder & Granular Materials
Application	Flour Mills, Grain Processing, Food Processing & Bulk Handling
Conveying Capacity	500 kg/hr to 5000 kg/hr (Depending on Material & Distance)
Conveying Height	Up to 30 Meter (Depending on Material)
Material of Construction	Mild Steel / Stainless Steel 304 / 316
Pipe Diameter	2" to 6" (Depending on Capacity)
Air Flow Requirement	1500 – 4000 CFM (Depending on Capacity)
Air Pressure	4 to 7 Bar
Power Requirement	3 HP to 15 HP (Blower)
System Components	Blower, Cyclone Separator, Airlock Valve, Conveying Pipes, Control Panel
Control System	Manual / Semi Automatic / Fully Automatic
Installation	Floor Mounted / Platform Mounted
Options	SS Construction, VFD Panel, Auto Cleaning System, Level Sensor

* Specifications are subject to change without prior notice.

BENEFITS

- ✓ Dust-free conveying
- ✓ High efficiency & throughput
- ✓ Maintains product quality
- ✓ Low maintenance cost
- ✓ Saves floor space
- ✓ Easy to operate
- ✓ Energy efficient
- ✓ Long service life





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ENGINEERING INNOVATION FOR AGRICULTURE & INDUSTRY



ADVANCED
TECHNOLOGY



RELIABLE
PERFORMANCE



SUSTAINABLE
SOLUTIONS



DEDICATED
SUPPORT

CONTACT US:



PH: +91-8826275786,
9717814200, 8447867861



Emails:
saifcoanis@gmail.com,
info@saifcoagrotechengineers.com



Website:
saifcoagrotech.com
saifcoagrotechengineers.com



ADD:
A-109, Sector-10,
Noida, Uttar Pradesh, India