PERFECT

TRANSFORMING TECHNOLOGIES PVT. LTD.

Perfect technology ©

We Always Deliver More Than Expected

About us:

Perfect Transforming Technologies Private Limited, founder of revolutionary fully Automatic Groundnut Processing Plant in 2008, is Rajkot (Gujarat) based leading & revolutionary manufacturer and exporter of all the turnkey project's machinery under one roof with own manufacturing unit. We manufacture fully automatic Groundnut Processing Plant, Multi Commodities Cleaning, Grading and sorting plant, Almond Processing Plant, Dal Mill (Multi Pulses Processing Plant) with SCADA System, Peanut Butter line, Roasting & Drying line, Oil Mill etc. and Full range of Packaging Solutions.

- 100000+ Square feet manufacturing area.
- 100+ Products in Turnkey Projects
- 300+ Turnkey Projects
- 3000+ Machines Supplied

We are committed to customer satisfaction with prioritizing quality and higher yield. Our consulting service guides our customers from 3D design plant layout drawing to final plant handover process. We treat our customers as a partner and stand with them from bottom to end solutions with on-time (24X7) service.

Vision:

"We strive to revolutionize agricultural processing and cleaning through innovative technologies, ensuring efficiency, sustainability, and excellence in every step of the crop journey."

Mission:

"To provide our customers with valued technical and mechanical solutions using our expertise in design, manufacturing, and installation of turnkey projects."

Since 1999 Simfai

Perfect technology

Team Members:

Mr. Sabir Fakir

Mr. Sabir brings over 25 years of invaluable experience in the peanut and multi-purpose grain cleaning processing plant industry. In 1999, he founded Perfect Technology, demonstrating visionary leadership that has propelled the company to remarkable growth and success. His proficient leadership has fortified the very foundation of the company. Mr. Sabir's expertise extends to every facet of our machinery, as he personally oversees the design process from conceptualization to the delivery of final machine solutions. A seasoned traveller, he remains current with the latest advancements in the peanut and multi-purpose grain cleaning processing plant sector."

Mr. Imran I. Sahamdar

Mr. Imran I. Sahamdar has been an integral part of Perfect Technology for the past decade. In his role, he oversees all production activities, from procuring raw materials to final assembly and testing. Mr. Sahamdar holds responsibility for production planning, machining, assembly, testing, and provides essential mechanical support throughout the process. Under his critical leadership, the company is actively enhancing its quality system, reflecting his commitment to continuous improvement."

Mr. Hanif I. Fakir

"Mr. Hanif I. Fakir assumes a pivotal role in overseeing and implementing all mechanical-related operations at our sites, precise adhering to approved drawings, methods, and safety protocols. He strategically plans and executes mechanical works with precision, ensuring strict compliance with all relevant quality standards. With 20 years of invaluable on-site experience, he possesses an intricate understanding of basic design requisites, installation procedures, and all mechanical activities associated with the construction of turnkey projects."

Mr. Imtiyaz I. Fakir

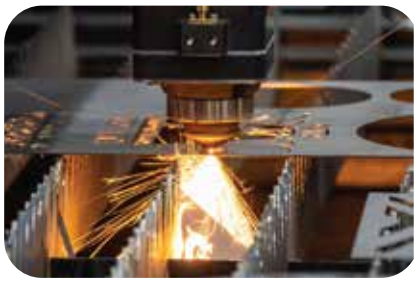
“Mr. Imtiyaz I. Fakir, our Chief Finance Officer, is a dynamic second-generation entrepreneur who joined Perfect Technology in 2008. In his role, he not only oversees financial management but also plays a crucial role in human capital management, reflecting his multifaceted expertise. As an integral member of our management team, Mr. Imtiyaz is spearheading the company's expansion into global markets in the next phase of growth. He serves as the company's representative in financial matters, adeptly communicating information and maintaining strong relationships with banks and sureties."

Treasured Customers

Quality Components, Trusted Performance

We understand that the quality of components directly impacts the performance and durability of our machines. That's why we partner with reputed companies renowned for their standardized parts. Our partnerships with these esteemed manufacturers guarantee that each component used in our machines meet stringent quality control standards. From bearings and motors to sensors and control systems, every part is meticulously selected for its reliability, durability, and compatibility. When you choose Perfect Transforming Technologies Pvt. Ltd., you're not just investing in a machine; you're investing in reliability, durability, and unmatched performance. Experience the difference that quality components make in our machines today.

Advanced Automation Technology for Fabrication.



Laser Cutting Machine

Turret Punching Machine

Bending Machine

VMC Machine

Turning Machine

We use Standard Parts Only

SIEMENS · italvibras g.silingardi · ABB · TATA STEEL · ESSAR STEEL · JK Fenner

Bharat Bijlee · MITSUBISHI ELECTRIC · JSW Better Everyday · ELECON · SKF · NTN

FYH · FAG · Panasonic · Bonfiglioli · rotomotive · Schneider Electric

OMRON · SMC · OLI · Castrol · AkzoNobel · AMARON

DELTA · BOSCH · DEWALT · AMADA · KOHLER · bodor

Doosan Machine Tools · salzer · PEPPERL+FUCHS · DATALOGIC · AM/NS INDIA · APL APOLLO STEEL PIPES

Processing Plants

- Pulses Processing Plant (Cleaning, Splitting, Peeling)
- Groundnut Processing Plant
- Drying and roasting line for multiproducts
- Peanut butter and multi-products butter line
- Multi- commodity Cleaning Plant
- Almond De-shelling and processing plant
- Sesame seed hulling and processing plant
- Oil mill Line.

Perfect technology

Pre-Cleaner Machine

A "Groundnut Pre-Cleaner Machine" is a specialized piece of equipment designed to effectively remove unwanted foreign materials like Plastic pouches, Jute Bag strings, dirt, sticks, and plant debris as well as peanut kernels from harvested groundnuts (peanuts) before further processing. It consist of Aspiration Channel System and inbuilt sieves sets which collectively helps in separating and ensuring a clean and high-quality raw material for oil extraction and other applications. It efficiently separates impurities based on size, significantly improving the quality of the final product. It has unique oscillating suspensions as vibration absorber to work effectively.

Product Specifications

Model	No. of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTPCM/001	6 Sieves	4 Motors	9.75 kW	415 V, 50 Hz	4500 X 1400 X 2400	1500 Kg	5 to 6 MTPH

Groundnut Destoner Machine

The Groundnut Destoner Machine is specially designed to remove stones, mud gravels, opened peanuts, shells, metal parts, imitation items, glasses and other foreign particles from the raw material of whole groundnut. It ensures a clean and high-quality product by utilizing a vibrating screen system combined with airflow generated by built-in fans.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTGDM/001	1 Deck, sieve	2 Motors	9.3 kW	415 V, 50 Hz	2370 X 2240 X 1820	1200 Kg	5 to 6 MTPH

Groundnut De-corticator Machine

(Double Chamber)

The Groundnut De-corticator Machine is designed for the precise breaking of the hard outer shells of groundnut producing clean, shelled kernels ready for further processing. It contains iron made flat rods arranged with the help of semi-circular rings called distance piece (Dokada), which rotates and presses the seed so precisely without breaking the peanuts but only the shells. It has two chambers to deshell the groundnuts and for higher production capacity.

Product Specifications

Model	No. Of Chamber	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTGDM/001	2 - Chamber	1 - Motors	12 kW	415 v, 50 Hz	2740 X 1350 X 2460	1000 Kg	3 to 3.5MTPH

Machines

Flat Screen Grader Machine

The Flat Screen Grader Machine separates groundnuts into different grades like peanuts, whole groundnuts, mono-shells, splits, husk, dust etc., according to their diameter or size using a sequence set of flat screens or sieves with varied mesh sizes. It functions as a mechanized substitute for the traditional "Chalna" and moves in a repeating linear motion.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTFSGM/001	2 - Sieves	1 Motors	1.5 kW	415 V, 50 Hz	3550 X 1620 X 1920	1300 Kg	3 to 3.5 MTPH

Circular Tumbler Motion Screen

The Circular Tumbler Motion Screen is applicable for groundnut, toor dal & chana dal. The circular motion of the screens helps separate the cracked peanuts, mono-shells, splits, dust and husk etc. Finished material moves toward the rim, while recycling material moves toward the center.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kw)	Voltage	Dimension (L*W*H) (mm)	Weight (kg)	Production Capacity
PTCTMSM/001	2 - Sieves	1 Motors	1.5 kw	415 v, 50 hz	2100 X 2100	800 kg	3 to 4 MTPH

Classifier Machine

(With Aspiration System)

The Classifier Machine plays a crucial role in the agro-processing industry, particularly in cleaning, sorting, and grading of products. It utilizes air dynamics with the help of aspiration system to separate materials based on their size, weight, and density, ensuring high precision in the processing of crops like grains, seeds, pulses, and spices. It is specially designed to classify the material as per the size into 3 grades like oversize, undersize and accepted product. It also removes jute bag strings, plastic material, hair, impurities as well as dust, husk, etc. It has 3 set of sieves with 2 vibration motors for precise and efficient classification.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTCM/001	6 - Sieves	4 - Motors	7.5 kW	415 V, 50 Hz	4500 X 1400 X 2400	760 Kg	1 to 5 MTPH (As per Commodity)

Vacuum De-stoner Machine
(With Vacuum System)

The Vacuum De-stoner Machine contributes to separate out the dense impurities like stones, glass pieces, mud gravels, pebbles or metals by utilizing vacuum-based technology, the machine ensures clean and high-quality outputs, enhancing both product value and safety. A controlled vacuum airflow lifts lighter particles, such as seeds or grains, while heavier impurities like stones remain on the vibrating deck. The inclined vibrating deck creates layers of materials, allowing the heavy impurities to settle and be separated effectively.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTVDM/001	2 - Sieves	4 - Motors	9 kW	415 V, 50 Hz	1660 X 1260 X 1930	600 Kg	1 to 5 MTPH (As per Commodity)

Gravity Separator Machine

Perfect's blowing type Gravity Separator used for separating agricultural commodities which have same shape but different in weight. A stream of controlled airflow is directed through the separation deck, causing materials to stratify. Light weight material make their way along the lower side and the heavy ones along the upper side of the upper deck. The separated materials are discharged through three outlets for further processing. It ensures maximum sorting of products with high precision at this stage, optimizing the quality of the output.

Product Specifications

Model	No. of Fan	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTGSM/001	5 - Fan	1 Deck, Sieve	2 - Motors	13 kW	415 V, 50 Hz	3650 X 1410 X 1800	1800 Kg	1 to 5 MTPH (As per Commodity)

Magnetic Roller Machine

Magnetic Roller Machine is designed to efficiently remove metal impurities from grains, seeds, and other bulk materials. Equipped with a high-efficiency 13000 Gauss power magnetic roll, it effectively separates ferrous contaminants. The machine includes dual magnetic vibro feeders, an oil-resistant PU belt, ensuring consistent material flow, a speed variable controller and an SS304 feeding tray for enhanced durability and hygiene.

Product Specifications

Model	Gause Power	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (kg)	Production Capacity
PTMR/001	13000	1 - Motors	1.5 kW	220 V, 60 Hz	1850 X 1400 X 1430	600 kg	1 to 5 MTPH (As per Commodity)

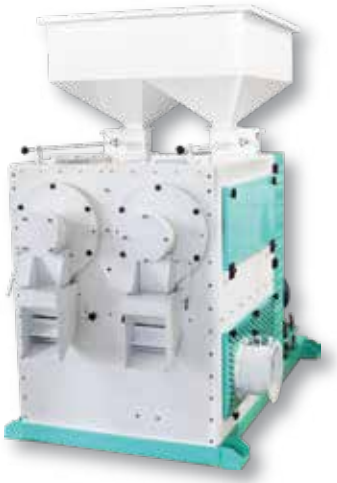
Machines

Grader 3 Deck Machine

The Grader 3-Deck Machine is a high-performance grading solution designed for the precise size-based sorting of grains, seeds, nuts, spices, and other granular materials. Equipped with three customizable decks and advanced vibration technology, it ensures efficient and accurate grading in a single operation. This machine grades materials into standard classes based on size and fixed counting parameters. It efficiently separates seeds into four distinct outputs: bold, medium, small, and non-count, enhancing accuracy and productivity for food processing and agricultural industries.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTG3DM/001	6 - Sieves	2 - Motors	0.75 kW	415 V, 50 Hz	2630 X 1530 X 1510	700 Kg	1 to 5 MTPH (As per Commodity)



Emery Roll Machine

The Emery Roll Machine is specifically engineered to remove the outer husk or hull from grains, pulses, and seeds. It efficiently dehusks crops like gram, green gram (moong), and toor, while also polishing wheat, corn, rice, and other grains. Designed with precision, it ensures minimal damage to dal during the splitting process, significantly reducing the production of powder. This machine features a double-headed design for enhanced efficiency and performance.

Product Specifications

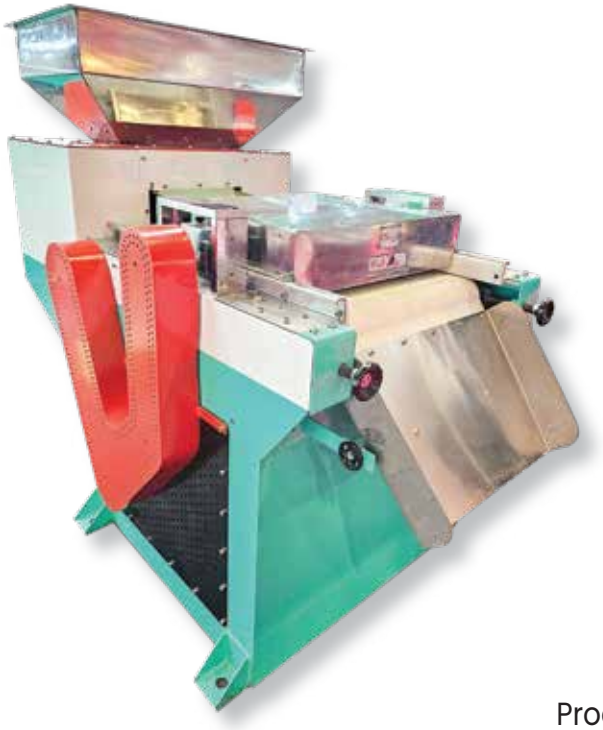
Model	No. Of Roll	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTDERM/001	2 - roll	2 - Motors	39 kW	415 V, 50 Hz	2100 X 1270 X 1470	2000 Kg	1 to 5 MTPH (As per Commodity)

Splitting Machine

Our Dal Splitting Machine is expertly designed to separate dal cotyledons with a remarkably low breaking ratio, ensuring maximum yield and quality. It operates while minimizing wastage and prevent damage to split dal. This machine is ideal for processing various types of dal, delivering consistent results. Built to handle high volumes, it's a valuable addition to any pulse processing line.

Product Specifications

Model	No. Of Head	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTSM/001	04 - Head	2 - Motors	22.5 kW	415 V, 50 Hz	1640 X 1320 X 2220	1000 Kg	4 MTPH (As per Commodity)



Multi Nut Dicer

Our multi-nut dicer machine is fully automated, reducing the need for manual labor and ensuring consistent, high-quality nut cutting. It includes a set of 9 high quality cutting blades, food grade PU belt, speed-variable adjustment system, allowing users to customize cutting speeds according to different nut types or production requirements, offering flexibility in processing. With a cutting capacity of 120 kg to 200 kg per hour, the machine is designed to meet both small-scale and large-scale production needs. The machine precisely cuts nuts into diamond shapes and its cutting mechanism ensures a maximum powder ratio of just 5%, preserving the integrity of the nuts. Suitable for all types of nuts like Peanuts, Almonds, Cashew nuts, Hazelnuts, Walnuts, Pistachio, etc. with advance safety features.

Product Specifications

Model	No. Of Blade	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTMNDM/001	9 - Nos	2 - Motors with VFD Speed Adjustment System	2.4 kW	415 V, 50 Hz / 230 V	1750 X 1090 X 1600	500 Kg	120 to 200 Kg per hour

Linear Vibrating Grader

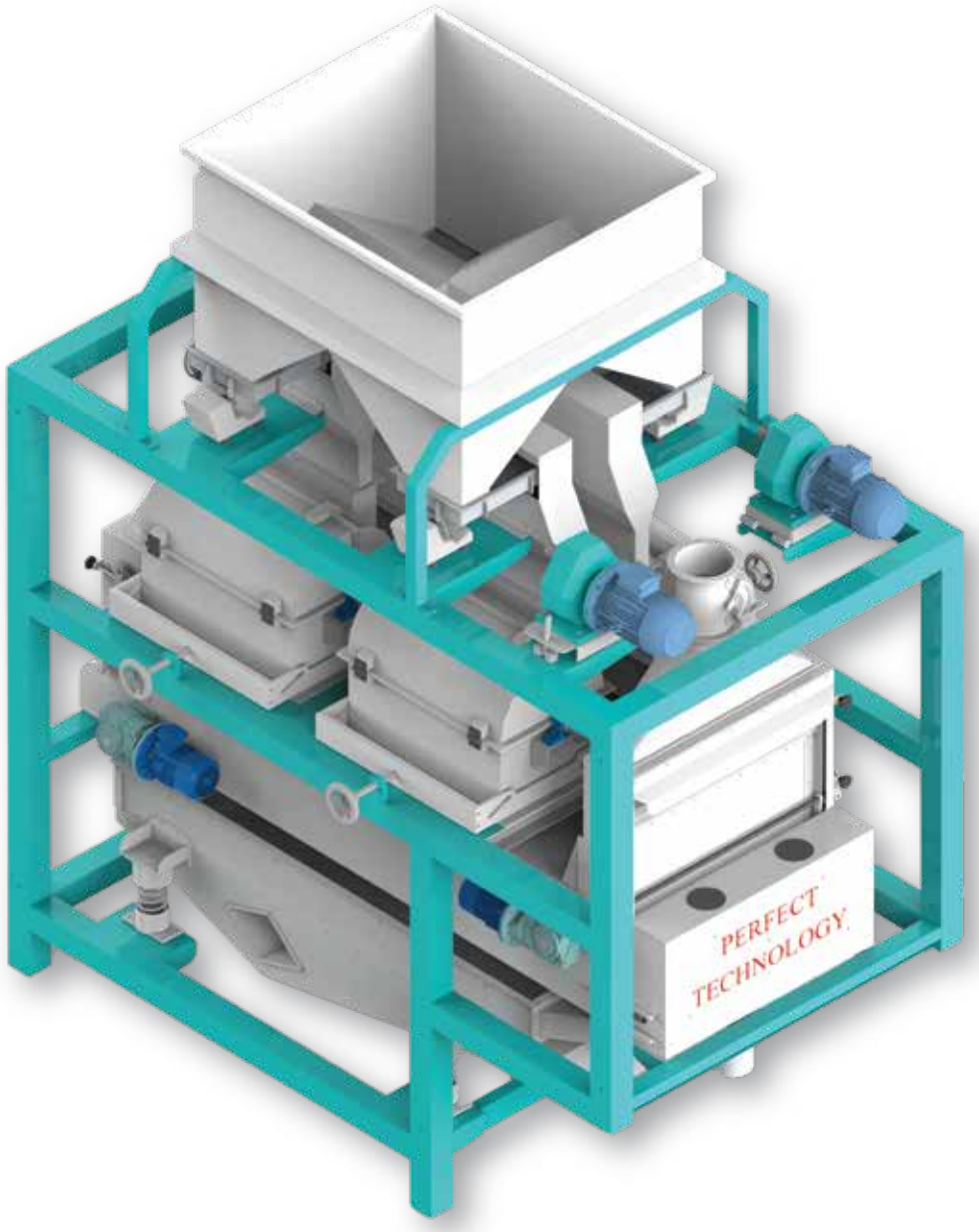
The Linear Vibrating Grader machine is specially designed to separate and grade the commodities into 4 grades depending on the configuration of the screen decks and the size of the mesh or perforations. It is widely used in grading the chopped nuts, almond kernels, peanut kernel, cashew nuts, pulses, grains, spices, seeds, etc. The linear vibration forces the material to move in a line helps in achieving a smooth, steady flow of materials along the screen for desire separation. As the material moves, smaller particles pass through the screen openings and fall through to the lower deck. Larger particles are conveyed to the end of the screen output and are discharged separately.

Product Specifications

Model	No. Of Sieves	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTLVG/001	3 - Nos	2 - Motors	0.375 kW	415 V, 50 Hz / 230 V	1750 X 1370 X 1000	250 Kg	120 to 200 Kg per hour

Almond Cracker Machine

Our Raw Almond Cracking Machine is engineered for the primary and secondary cracking of raw Almonds, ensuring high efficiency and minimal breakage. It features four chambers with sieves for precise cracking, driven by heavy-duty gears and a robust motor for reliable operation. The machine is equipped with double Aspiration System for removing shells from the Almonds. The integrated vibrating linear screen grader ensures consistent separation of cracked almonds and smaller uncracked ones. Uncracked smaller almonds can be fed again for the secondary cracking. This machine is an essential tool for almond processors, delivering quality results with 'Minimal or No Tanch marks.'



Product Specifications

Model	No. Of Chamber	No. of Motors	Power (kW)	Voltage	Dimension (L*W*H) (mm)	Weight (Kg)	Production Capacity
PTACM/001	04	8 - Motors	15 kW	415 V, 50 Hz	2860 X 1920 X 3470	2500 Kg	500 Kg per hour

Aspiration System

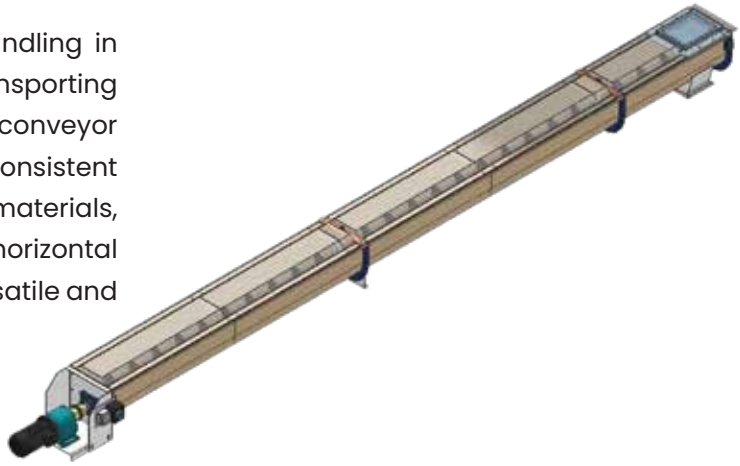
The Aspiration System consists of a powerful blower, an efficient cyclone, a reliable air lock, and a precision-engineered duct line, all working together to ensure comprehensive dust collection. This system effectively eliminates dust, husk, and light impurities from materials, resulting in a cleaner and more efficient processing environment. It contributes to a dust-free plant setting, promoting higher performance and maintaining a safer, more hygienic workspace.

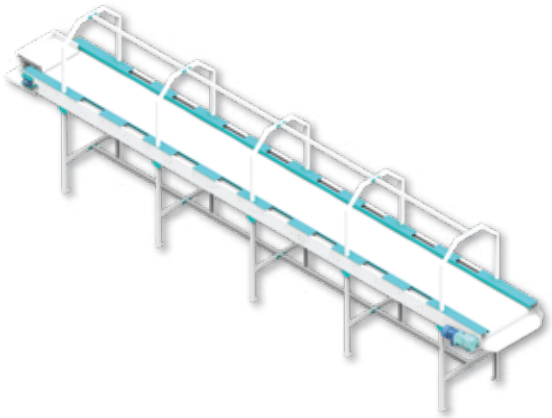
Aspiration Channel

Conveying Solutions

Screw Conveyor

Our Screw Conveyor is designed for efficient material handling in various processing lines. It offers a reliable solution for transporting bulk materials such as grains, seeds and powders. The conveyor features a helical screw blade that ensures smooth and consistent flow, minimizing product damage. Made from high-quality materials, it's durable and easy to maintain, making it ideal for both horizontal and inclined operations. Our screw conveyor provides a versatile and cost-effective solution for your processing needs.





Manual Sorting Conveyor Belt

Our Manual Sorting Conveyor Belt is designed to enhance sorting efficiency while maintaining high product quality. Available in both Mild Steel (MS) and Stainless Steel (SS) constructions, offering durability and versatility. It allows operators to manually sort and inspect products like nuts, seeds, fruits and vegetables with precision. The belt's smooth surface minimizes product damage and the adjustable speed control ensures flexibility for different sorting needs. Whether you require robust MS or corrosion-resistant SS, this conveyor belt is an ideal choice for reliable manual sorting operations.

Spiral Conveyor Belt

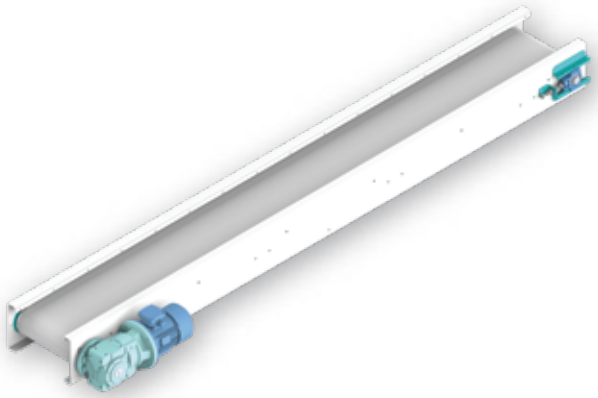
Our Spiral Conveyor Belt is designed for the gentle and controlled descent of products in the processing line. Ideal for items that require slow landing to prevent damage, this conveyor belt ensures smooth vertical transportation. Available in both Mild Steel (MS) and Stainless Steel (SS) constructions, it offers durability and corrosion resistance tailored to your operational needs. The spiral design is perfect for delicate items like snacks, fruits and other sensitive products.

Modular Incline Conveyor Belt

Our Modular Incline Conveyor Belt is engineered to efficiently transport materials between different elevations in the processing line. Constructed from high-quality materials, available in both Mild Steel (MS) and Stainless Steel (SS). This ensures smooth and controlled movement of products like grains, seeds, and other bulk materials. With customizable angles and belt speeds. The belt offers flexible material handling in both upward and downward directions.

Conveyor Belt

Our Conveyor Belt is Built to handle a range of products with its robust and heavy-duty structure. Equipped with a high-quality PU (Polyurethane) belt, gear motor & reverse - forwarding system it ensures smooth and efficient material transport, minimizing wear and tear. The conveyor belt comes with a powerful gear and motor system having long service life. Available in five different width options (300mm, 400mm, 500mm, 600mm, 800mm), this conveyor belt ensures optimal performance and durability in various operating conditions.



Simple Bucket Elevator

Our Simple Bucket Elevator is designed for efficient vertical material handling, offering reliable performance in various industrial applications. It features a heavy-duty synthetic belt and durable PVC buckets with a robust gear and motor system. This elevator is built to handle heavy loads & ensure smooth and consistent transport of bulk materials with ease. Available in three bucket sizes—A, B, and C.

A

B

C

Product Specifications

Bucket Size	A - 410 x 410 x 400	B - 350 x 245 x 350	C - 280 x 260 x 300
Power (kW)	1.5 kW	1.5 kW	1.5 kW

C - Type Bucket Elevator

Our C-type Bucket Elevator is designed for efficient vertical transport and recycling of bulk materials, offering reliable performance in demanding environments. It features a heavy-duty MS Chain and durable PVC buckets, ensuring smooth and efficient material handling with minimal wear and tear. The system is powered by a robust gear and motor setup, providing consistent and dependable operations. Available in two bucket sizes—big and small—this elevator can be tailored to handle varying volumes of material, making it a versatile solution for your industrial needs. It work with 0% drapping ratio to fix the material wastage.

Bucket Big Size

Bucket Small Size

Product Specifications

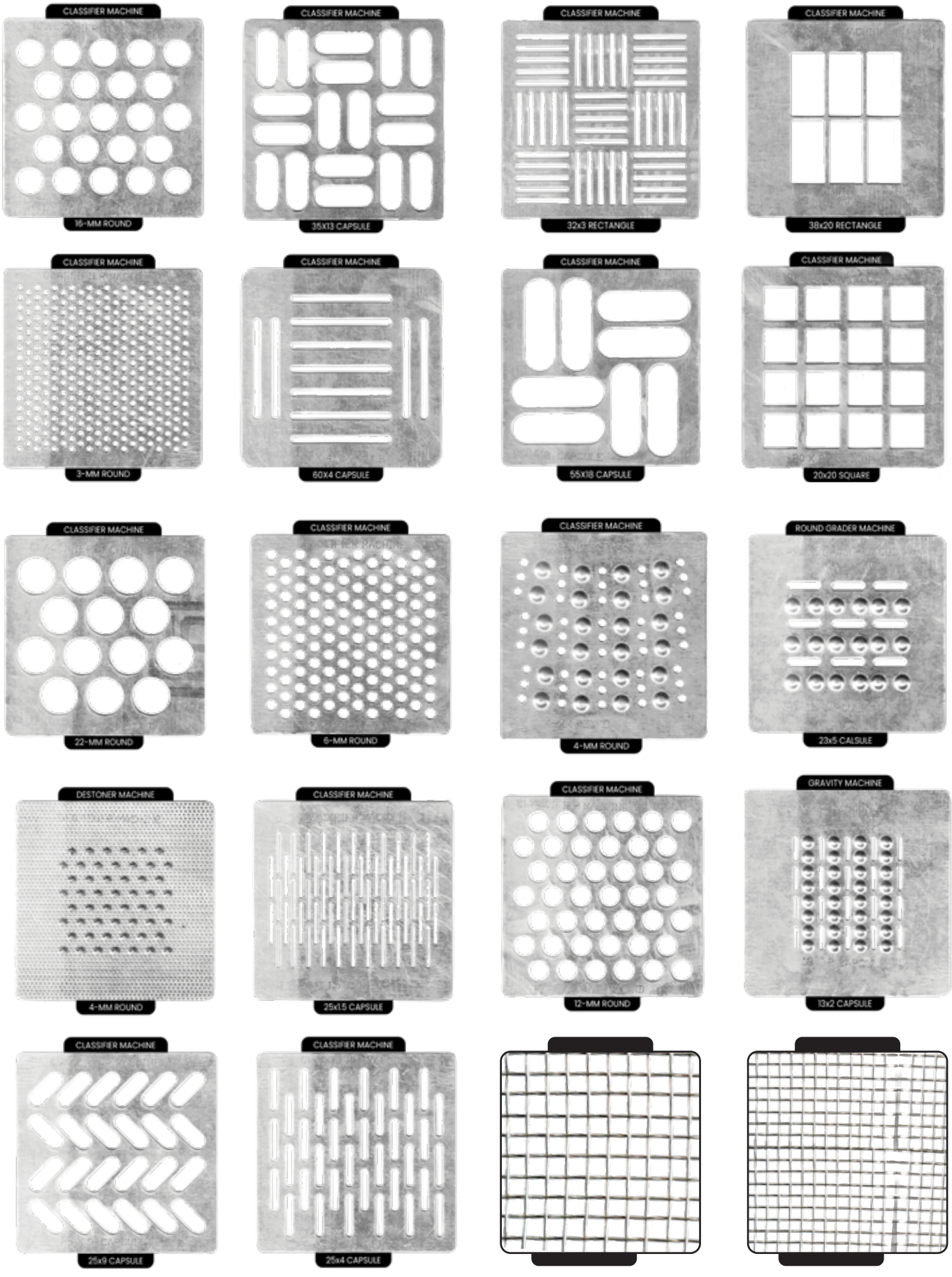
Model	Z-type		C-type	
Bucket Size	Big - 845 X 765 X 450	Small - 720 X 480 X 350	Big - 845 X 765 X 450	Small - 720 X 480 X 350
Power (kW)	2.2 kW	1.5 kW	2.2 kW	1.5 kW

Z-Type Bucket Elevator

Our Z-Type Bucket Elevator is designed for efficient vertical material handling, offering reliable performance in various industrial applications. It features a heavy-duty MS Chain and durable PVC buckets, ensuring smooth and consistent transport of bulk materials. Equipped with a robust gear and motor system, this elevator is built to handle heavy loads with ease. Available in two bucket sizes—big and small—it provides flexibility to accommodate different material volumes, making it an ideal solution for your material lifting needs. It work with 0% drapping ratio to fix the material wastage.

Bucket Big Size

Bucket Small Size



And many more as per your requirement

Packaging Solutions

Packing Machines- We have an outstanding range of packaging machines that are suitable for grains, multiproduct as well as powdered materials. Advanced technology using HMI, this machine performs accurate packaging with clean finishing.

Powder Packing Machine

Multiproduct Packing Machine

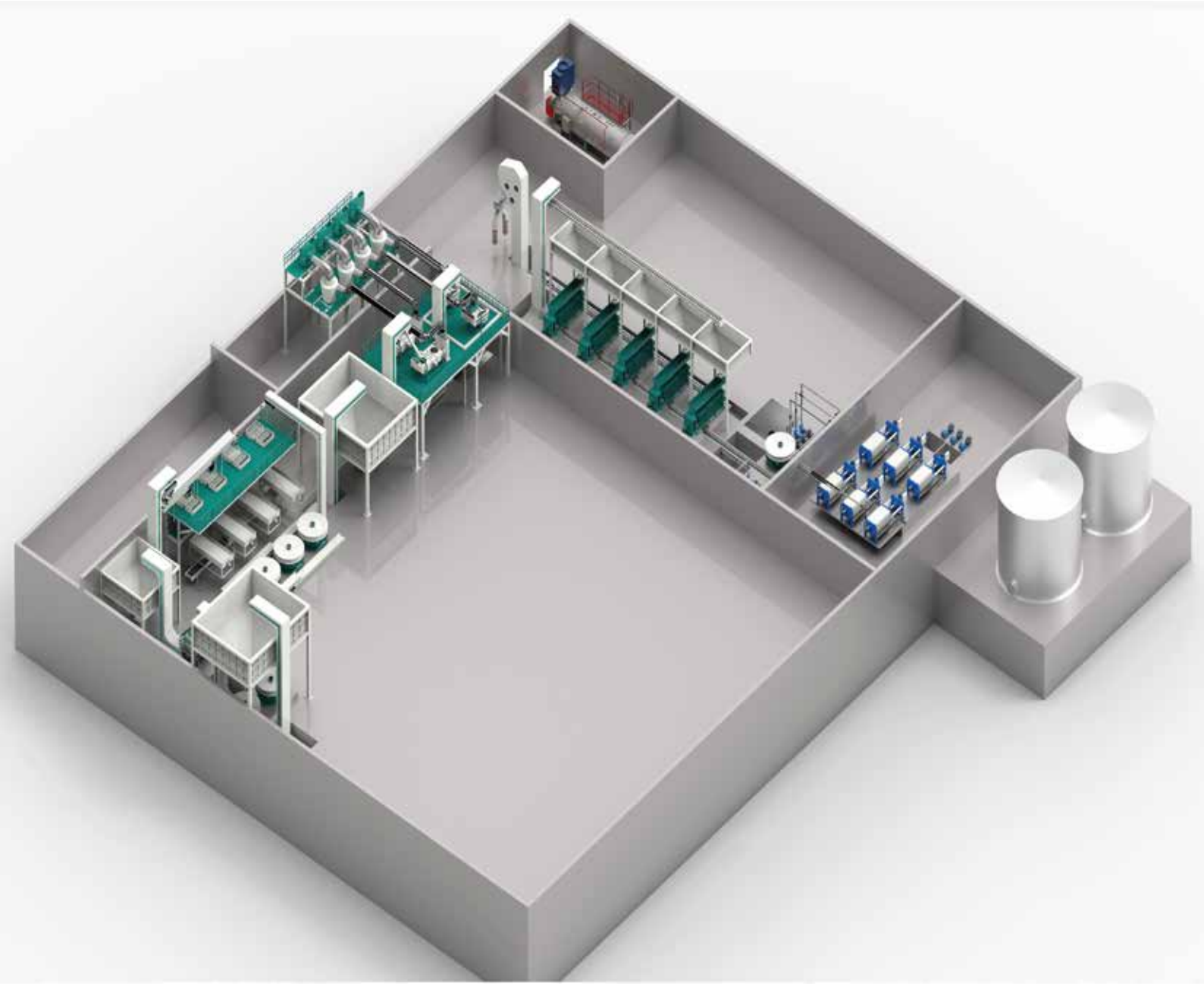
Bulk Bagger Machine

Vacuum Brick Packing Machine

Oil Mill Line

We offer internationally recognized technology for processing machinery in oil mills. Perfect Technology utilizes only advanced technology and premium raw materials to fabricate high-performance and durable processing machinery for our clients. Understanding the delicate nature of oil seed processing, we design an excellent range of seed cleaning, hulling, and seed-separating equipment and machines based on the latest market research.

We provide the best quality solvent extraction machinery to our vast clientele in the oil industry. We continuously upgrade our technology and use high-quality raw materials to offer high-performance, durable and low maintenance machinery for solvent extraction. Our entire range is available for purchasing at cost-effective prices.



Groundnut Processing Plant

The Groundnut processing plant is a revolutionary plant in the field of post-harvest processing industry, equipped with various hi-tech automated machines that helps in the wholesome cleaning along with de-shelling the groundnut, sorting and grading of the peanuts. The process starts with introducing the harvested groundnuts into the Pre-cleaning unit that is responsible for primary cleaning of the groundnut then it is stored for soaking up the moisture for 6-8 hours depending on the climate. After that it is conveyed to the De-shelling unit for primary decortication. Later peanuts and smaller or mono shelled whole groundnuts are separated by passing through Flat Screen Grader and Round Grader back-to-back.

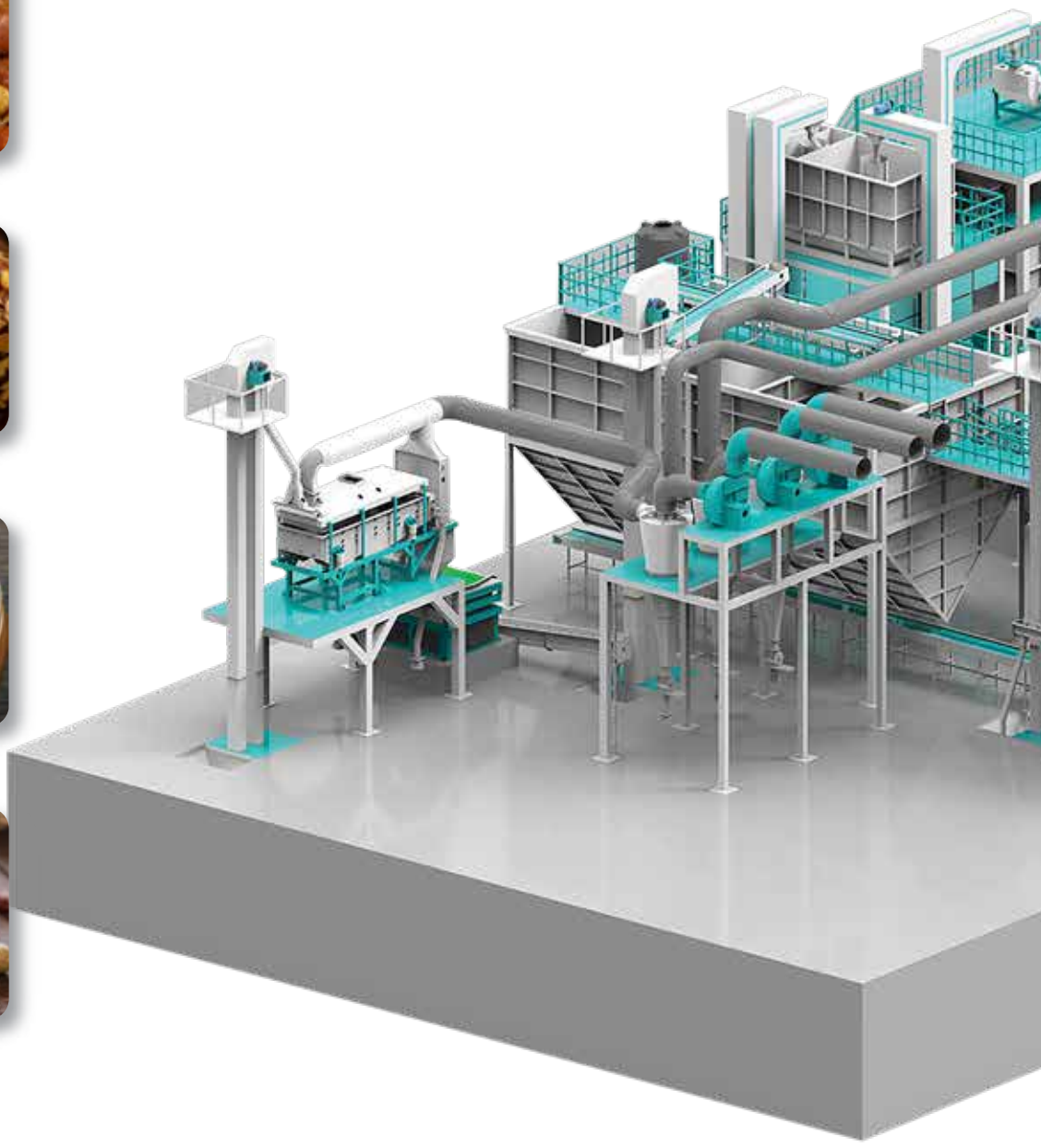
Peanut's value added products

Roasted Peanut

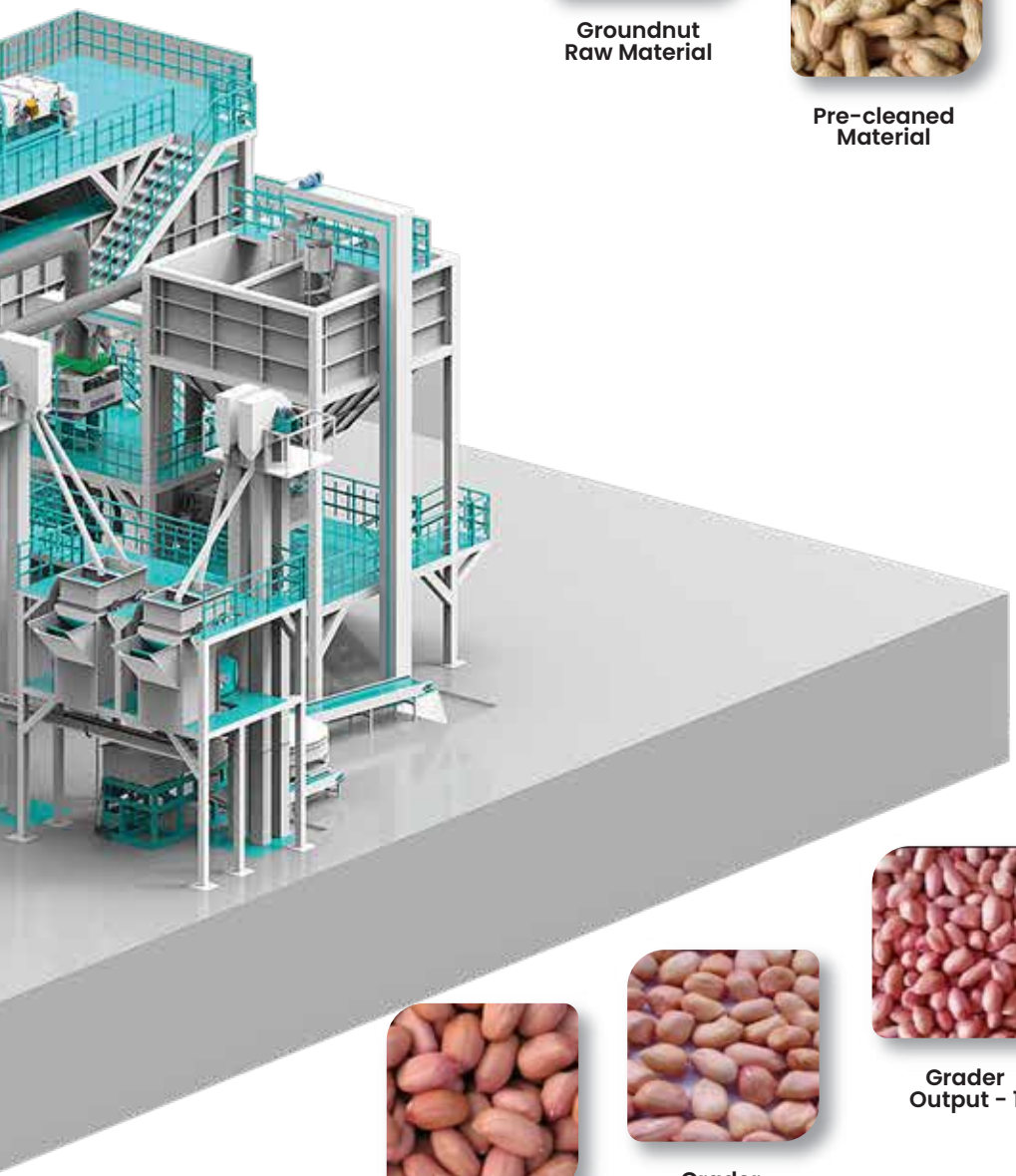
Peanut Chikki

Peanut Butter

Peanut Oil



Smaller or mono shelled groundnuts are taken back for secondary decortication. Peanuts are transferred to the storage hopper for further processing. Peanuts are then passed through Classifier Machine to differentiate among the oversize, medium and small peanuts. Destoner Machine to separate out the denser impurities from the peanuts, Magnetic Destoner to remove metallic impurities in a line. All these machines are given a connection with Aspiration channel to suck and blow out the dust and light weight peels of peanut. Peanuts are then fed to the Gravity machine to separate the peanuts based on their density, lighter and heavy materials lie on both the end and mixture of both lie in the middle, which needs to recycle in the Gravity machine. Lastly peanuts are Color sorted in the Sortex machine then moves for Grading as per required count.



Groundnut
Raw Material

Pre-cleaned
Material

Deshelled
Peanut

Classifier Accept
Material

Gravity Accept
Material

Sortex Output

Grader
Output - 1

Grader
Output - 2

Grader
Output - 3

Multi Commodity Cleaning Plant:

Our cutting-edge Multi Commodity Cleaning Plant ensures highest standards of purity and excellence. Provides exceptional result in cleaning suitable for almost all grains, pulses and spices. The process starts with commodity being introduced to the Classifier Machine via Elevators for primary sizing through which over size and under size impurities are separated. The commodity moves to Destoner for the removal of impurities which are comparatively denser.

Black Sesame Seeds

Coriander Seeds

Sesame Seeds

Black Pepper Seeds

Flaxseeds

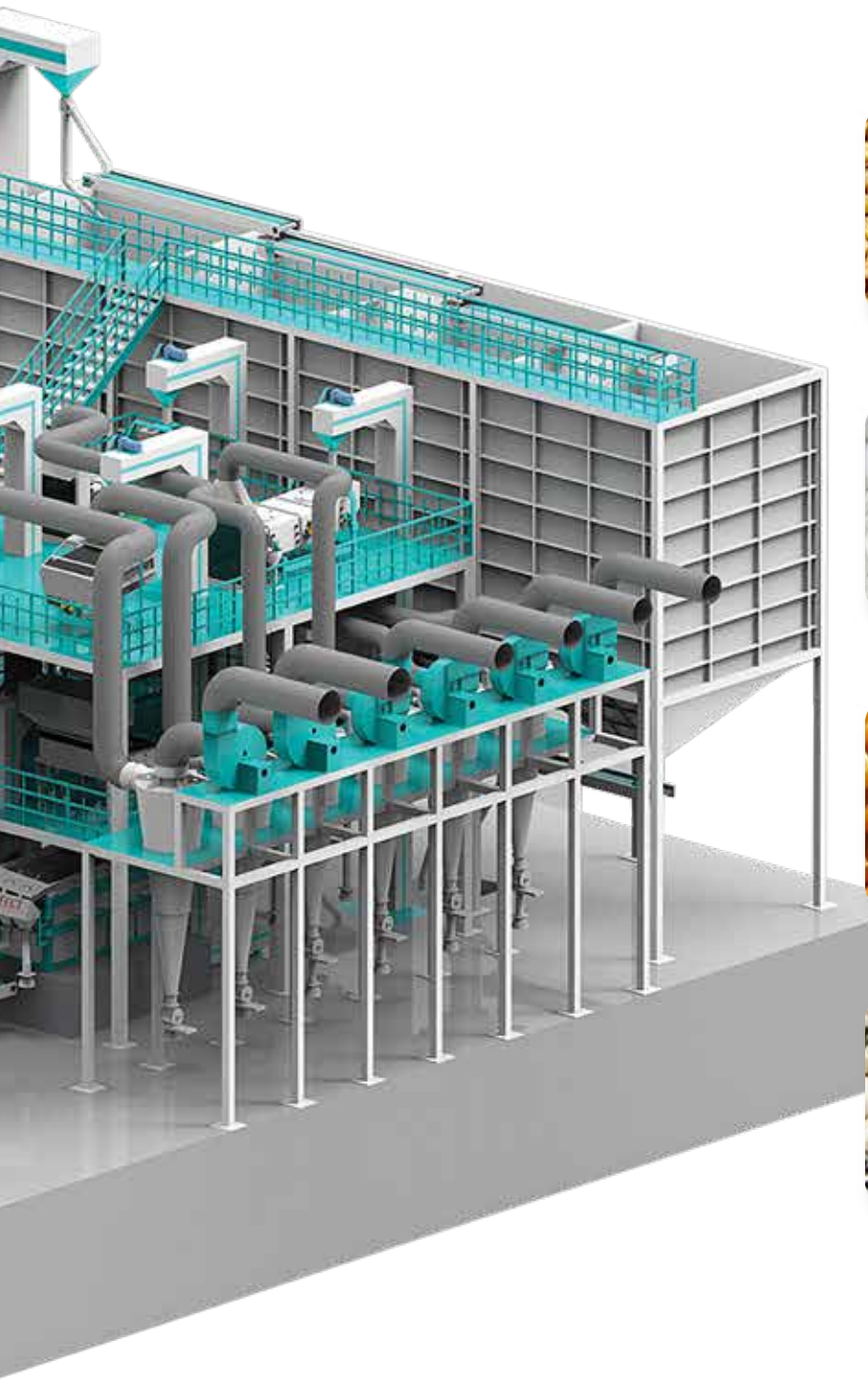
Cumin Seeds

Fennel seeds

Fenugreek Seeds

Black Cumin

All these machines are equipped with an Aspiration Channel which helps to suck and blow out the dust and light weight rejections. The commodity later passes through the Magnetic Destoner for removal of metallic impurities then moves to Gravity machine. In the Gravity machine the commodities are separated based on their density. Heavy material and lighter material lie in both the end and mixture of both in the center. Mix material are sent back to the machine for recycleing. Final accepted material is color sorted in Sortex Machine then offer Graded in Grader Machine.



Wheat

Rice

Maize

Black Eyed Peas

Chana Dal

Chickpeas

Black Chickpeas

Soybeans

Green Moong

Almond Deshelling Processing Plant:

We pride ourselves on our unrivalled precision and efficiency, ensuring every almond meets the highest standards of quality and excellence. In this process almonds are first introduced to the Primary Graders which will separate the de-shelled almond kernels and inshell almonds. In the same stage only, inshell almonds can be separated based on their size. Later they are moved for cracking of the shells. Smaller and bigger uncracked almonds can be cracked either separately or together depending on the capacity.

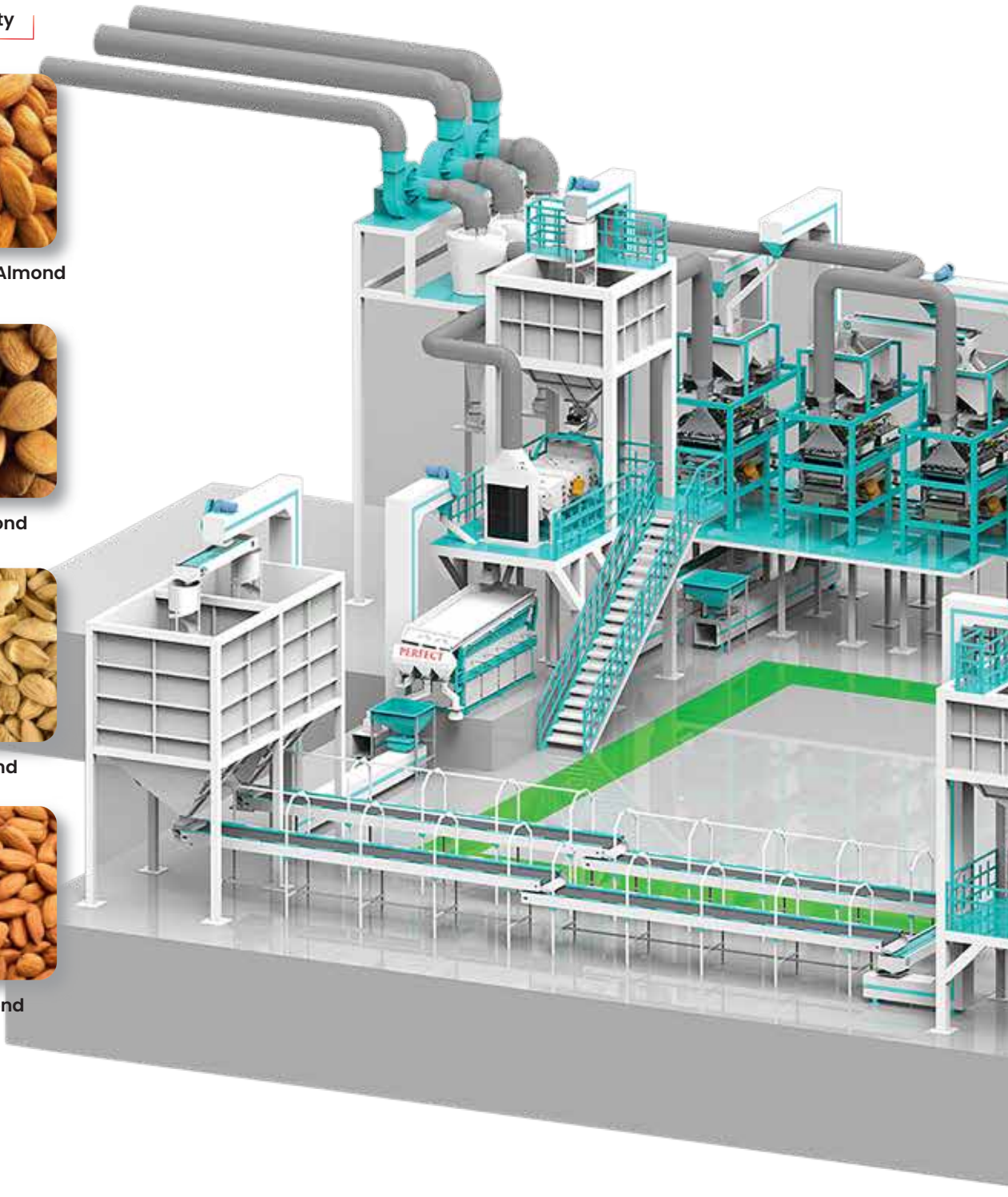
Type of Quality

Sonora California Almond

Gurbandi Almond

Mamra Almond

Organic Almond



Cracking is done in two steps i.e., primary and secondary. Smaller inshell almonds which weren't cracked in the first time, they will be fed back in the Almond Cracking Machine for secondary cracking. Kernels are collected and moved to the storage hoppers from which they are fed to the classifier. Later, Gravity machine separates the heavy and light kernels based on density. Moving to the Manual Sorting Conveyor Belt where almonds are sorted by hand picking acording to tanch and then packed according to their size and grades.

Almond
Raw Material

Pre Graded
Raw Almond

Cracked
Almond

Gravity Accept
Material

Manual Sorting

Single Tanch

Double Tanch

No Tanch

Finish Good Grades

Grade - A

Grade - B

Grade - C

Pulses (Dall Mill) Processing Plant:

At our premier Pulses (Dall Mill) Processing Plant, we leverage cutting-edge technology and expert craftsmanship to deliver pulses of exceptional quality, ensuring superior purity and nutritional value in every batch. Pulses are first introduced to the Classifier, Destoner, Magnetic Roller then Gravity Separator Machine for Pre cleaning process. Then the pulses move forward for drying process by passing through the Dryer Machine. Afterwards the material is graded into small, medium and bold category. Later these materials proceed for hulling in the Emery Roll Machine where the outer covering or peel of the pulses are removed.

Raw Material

Pre Cleaned

Oil Application

After Hulling & Spliting

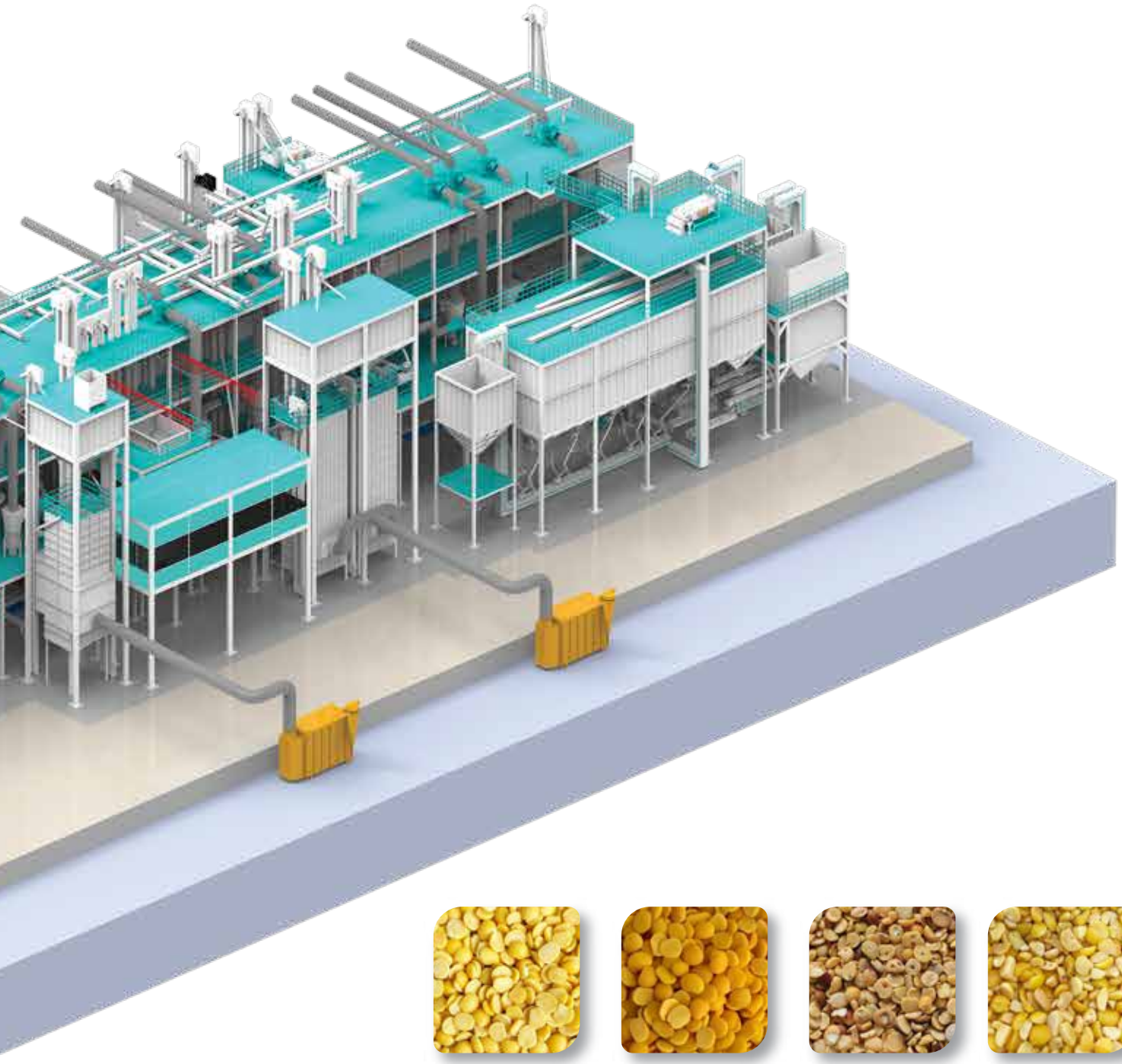
Sortex Accept

Polished

Chuni (Dust)

Husk

Through Aspiration Channel hull and dust particles are blown out. Later in the process addition of oil takes place and stored for 36 to 48 hours in the storage silo. The hulling and grading will be repeated for maximum result with accuracy in the second emery roll process.
Unpeeled (with skin) pulses are now added with oil and water then stored, later go for drying and again go through third emery roll process followed by grading. After the process materials are taken for colour sorting. Pulses accepted by color sorting are moved forward for splitting process. Materials rejected after color sorting must go through fourth emery roll process followed by grading and splitting. Split dal moves forward for post cleaning and then for colour sorting. Colour Sortex accepted material go for grading then polishing and packaging.



Sava

Fatka

Dankhi

Tukdi

Drying and Roasting Line For Multi Products

Our fully automatic, PLC based Drying and Roasting Processing Line has been engineered to process a diverse array of items, including groundnuts, peanuts, almonds, pistachios, hazelnuts, cashew nuts, raisins, flax seeds, sunflower seeds, pumpkin seeds, pomegranate seeds, corn, beans, lemon, orange slices, onion, garlic, ginger and various other vegetables.

We leverage the most advanced food processing technologies available, ensuring that every product undergoes precise drying and roasting to achieve the perfect balance of flavour, texture and nutritional integrity.

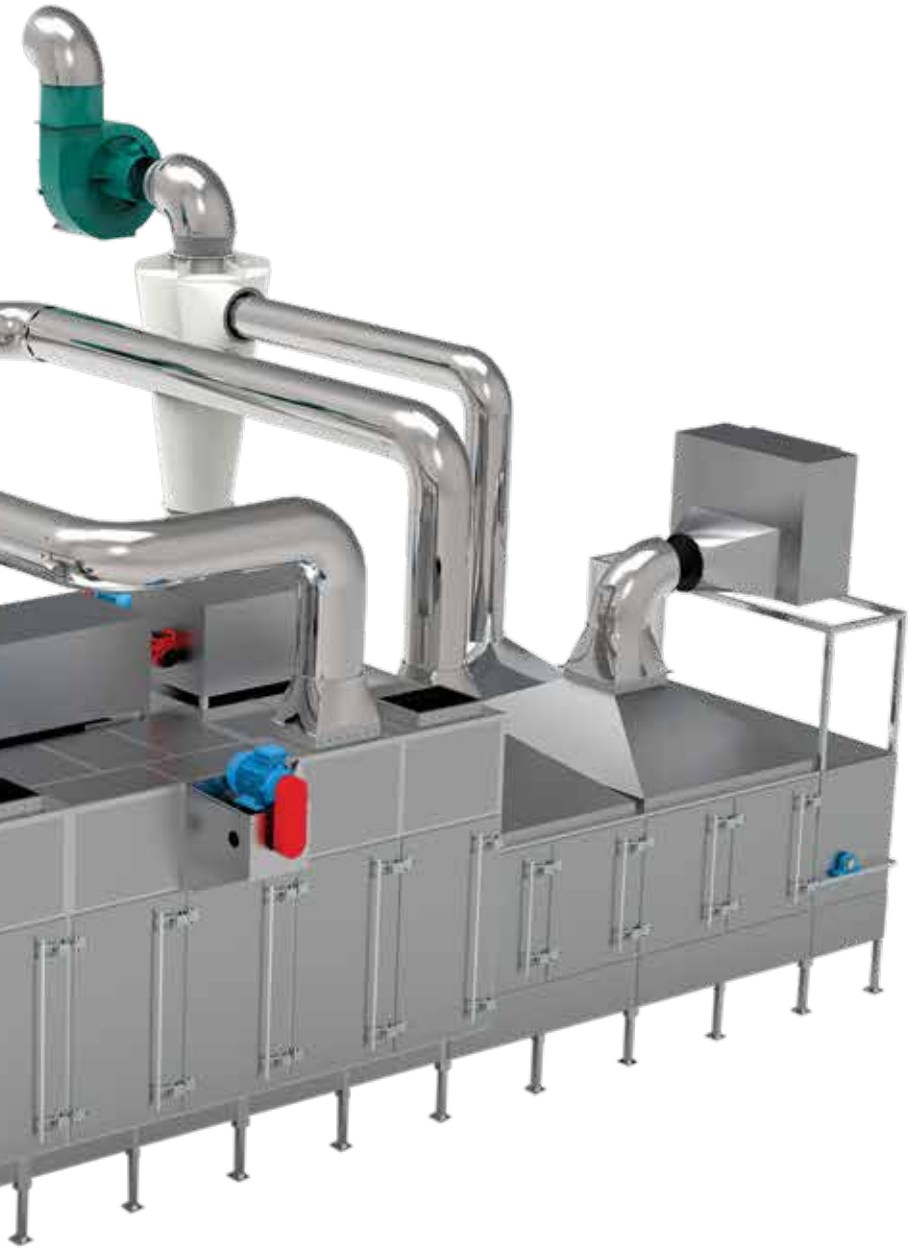
Peanut

Almond

Cashew

Hezalnut

In the process of drying and roasting first the product is graded according to the size and suitability. After that the product is treated with steam in the Steaming Machine, then passed through the Dryer Machine. Our drying machine is completely washable from inside and outside. Our roaster machine roasts the products evenly from all the sides. There is a firebox for collecting the fire from burner and convert it to clean fuel gas providing uniform heat distribution, precise temperature management and efficient moisture control. It enhances the natural characteristics of each product, from the crunchy texture of nuts and seeds to the preserved vibrancy and freshness of fruits and vegetables.



Flaxseeds

Pumpkin Seeds

walnuts

Pistachio

Peanut Butter Processing line

At our advanced Peanut Butter Processing Line, our peanut butter boasts a perfect harmony of rich flavour and smooth texture, setting a new standard of excellence in every jar. Utilizing the latest technology and stringent quality control measures, our production process ensures that only the finest peanuts are selected, roasted and blended to create a product that consistently exceeds expectations.

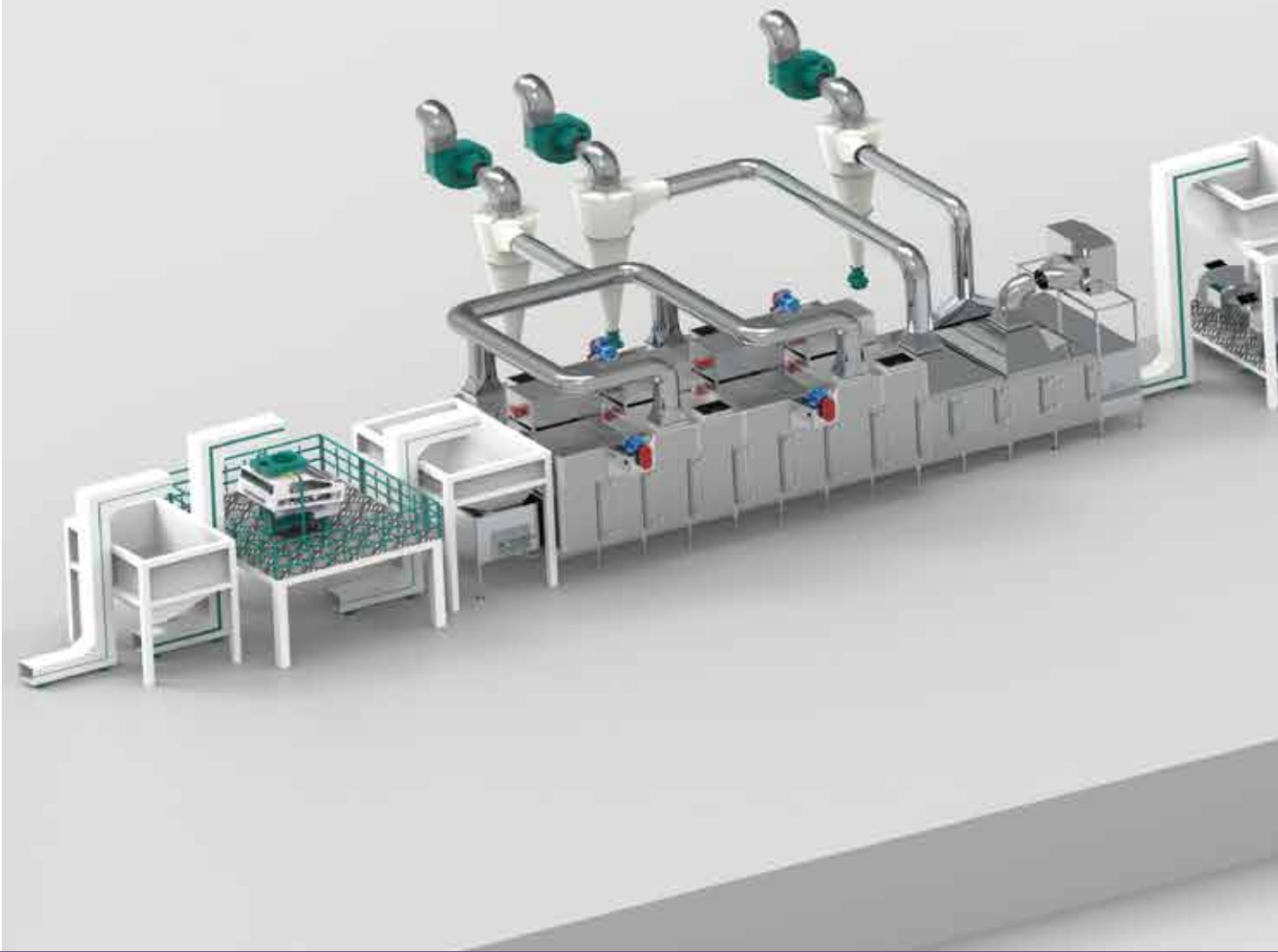
Roasted Peanut

Blanched Peanut

Roasted Blanched Peanut

Split Peanut

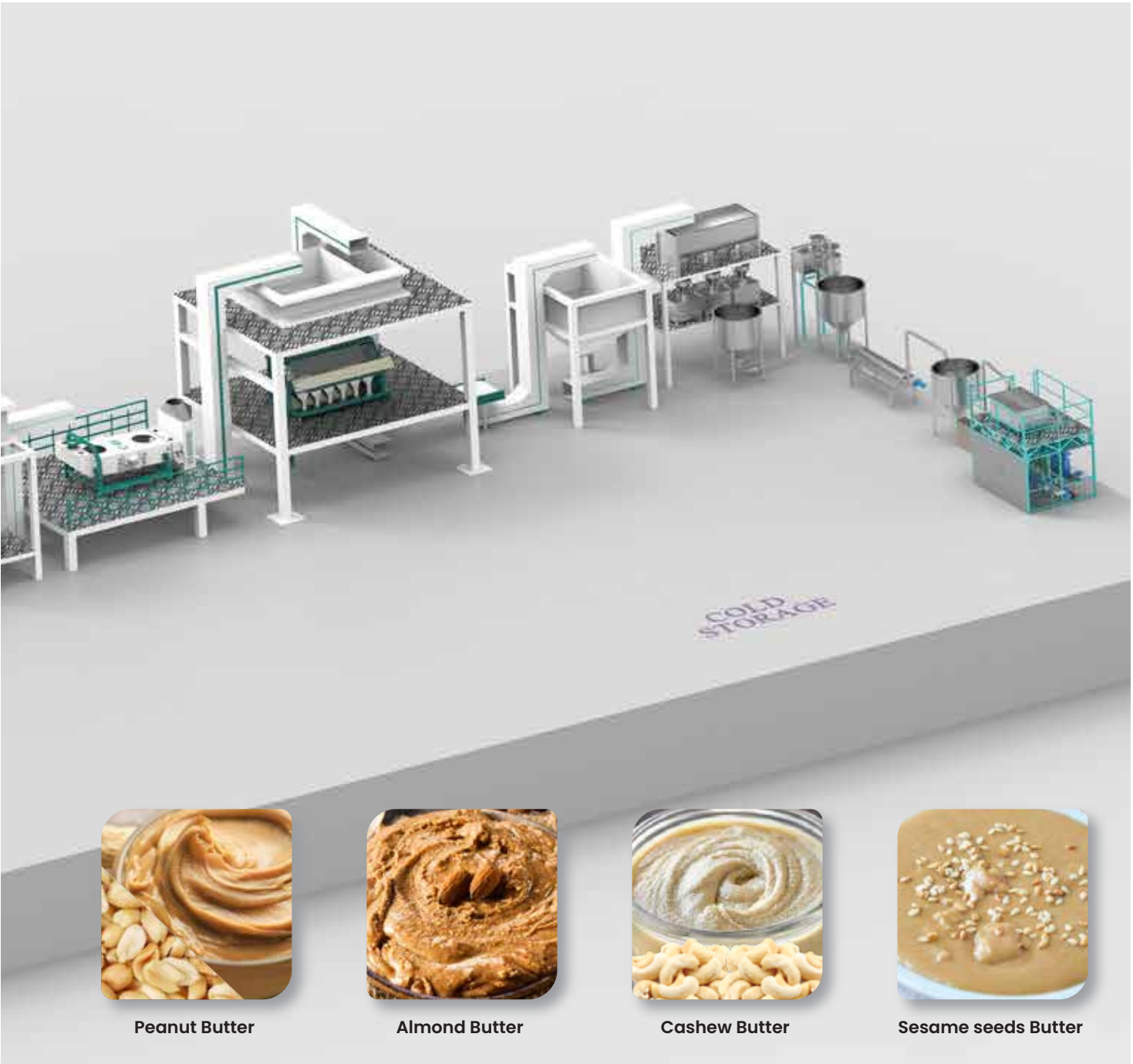
Peanut Butter



Our peanut butter production line starts by passing peanuts through a Destoner machine to ensure they are free of stones and metal particles. Next, the peanuts are perfectly roasted in our state-of-the-art roaster machine. Once roasted, they are blanched using both whole nut and split nut blancher machines. Blanched peanuts are then color-sorted in the Sortex machine, ensuring only the best make it through. These selected peanuts move to the Ribbon Blender, where all the delicious ingredients are mixed.

The mixture then undergoes primary milling in our Peanut Butter Mill, resulting in a creamy base. This creamy mixture is transferred to a tank with a stirrer for thorough mixing, followed by secondary milling for that perfect smoothness. Finally, granules of peanuts are added for a delightful crunch.

And voila! The creamy, crunchy peanut butter is ready, packed and sent to its destination, ready to be enjoyed.



Peanut Butter

Almond Butter

Cashew Butter

Sesame seeds Butter

Sesame Hulling Processing Line

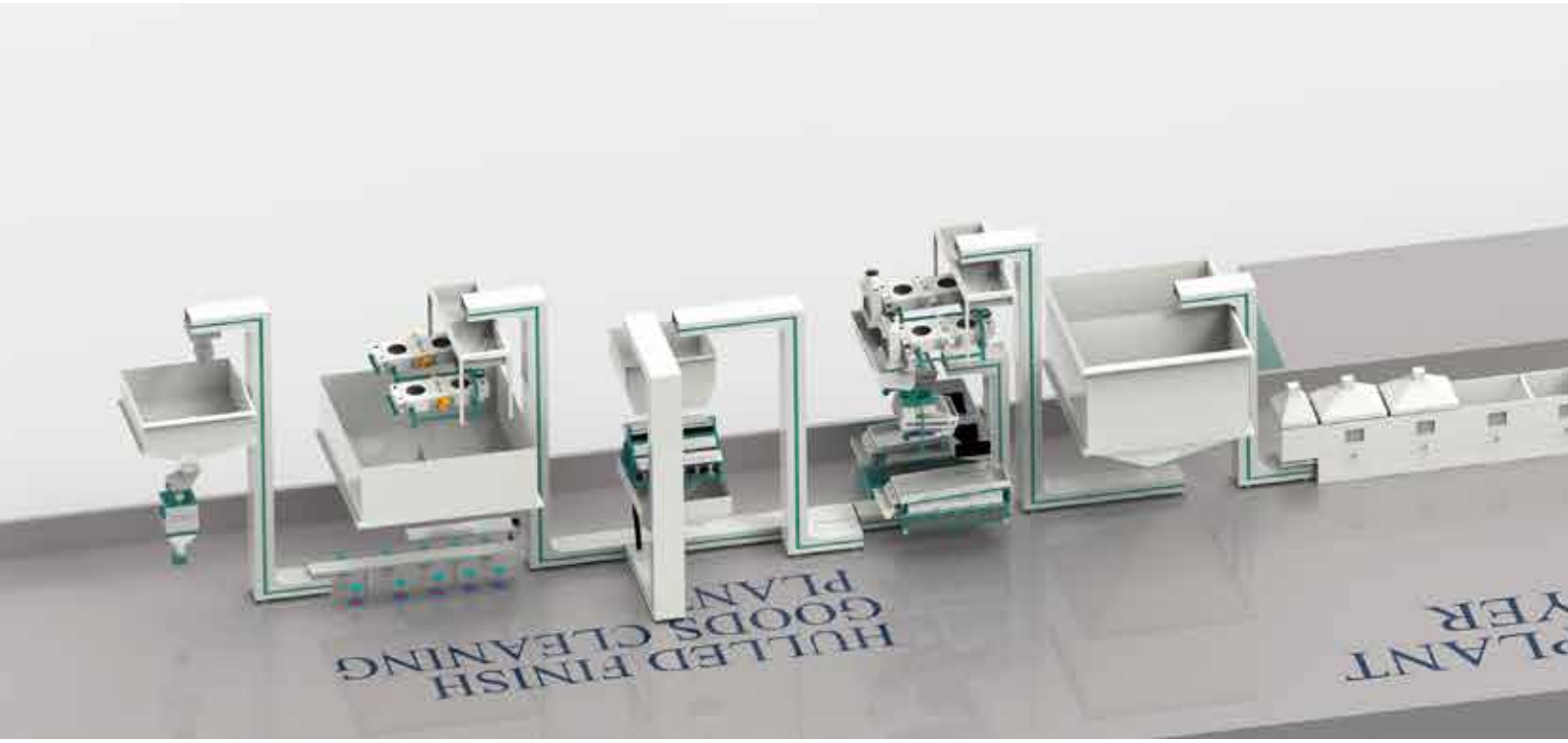
At our innovative Sesame Hulling Processing Plant, we harness advanced technology and precision techniques to deliver flawlessly hulled sesame seeds, ensuring unmatched quality and purity for our customers. The sesame hulling process includes sequence of steps designed to remove the outer hull from sesame seeds. Initially, raw sesame seeds undergo a thorough cleaning in the Classifier machine and then in the Gravity Machine, to eliminate impurities and contaminants.

Type of Quality

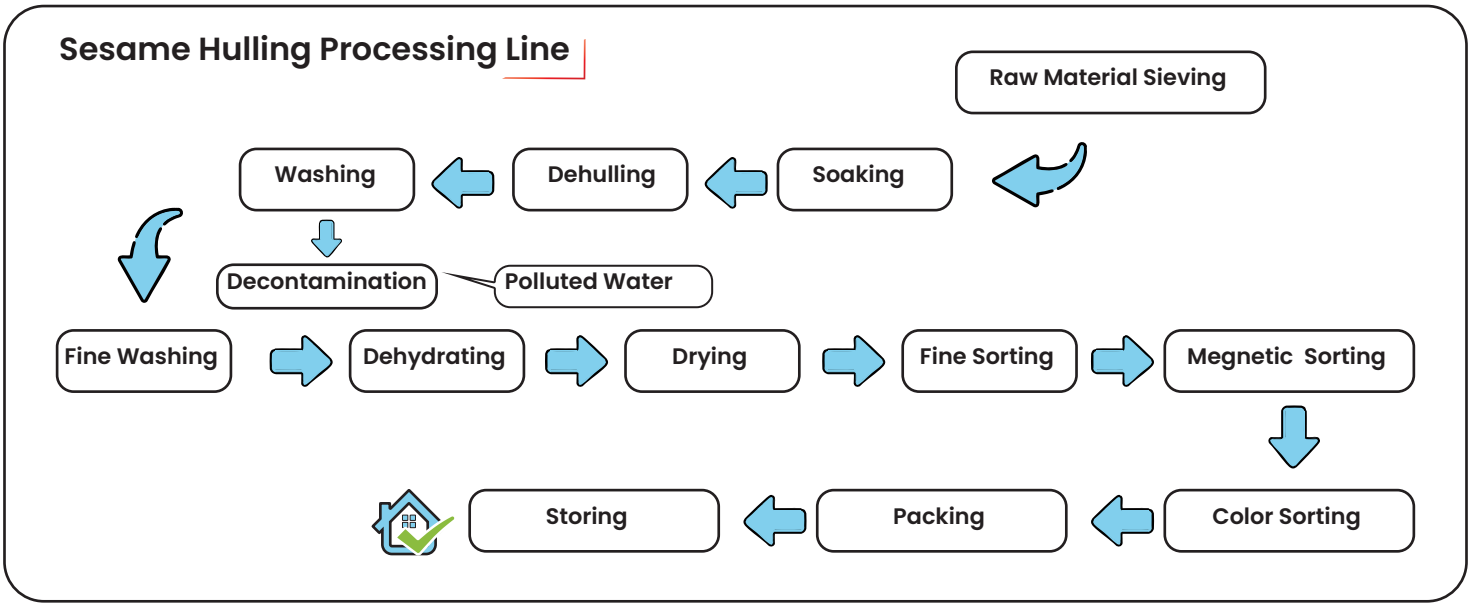
Black Sesame Seeds

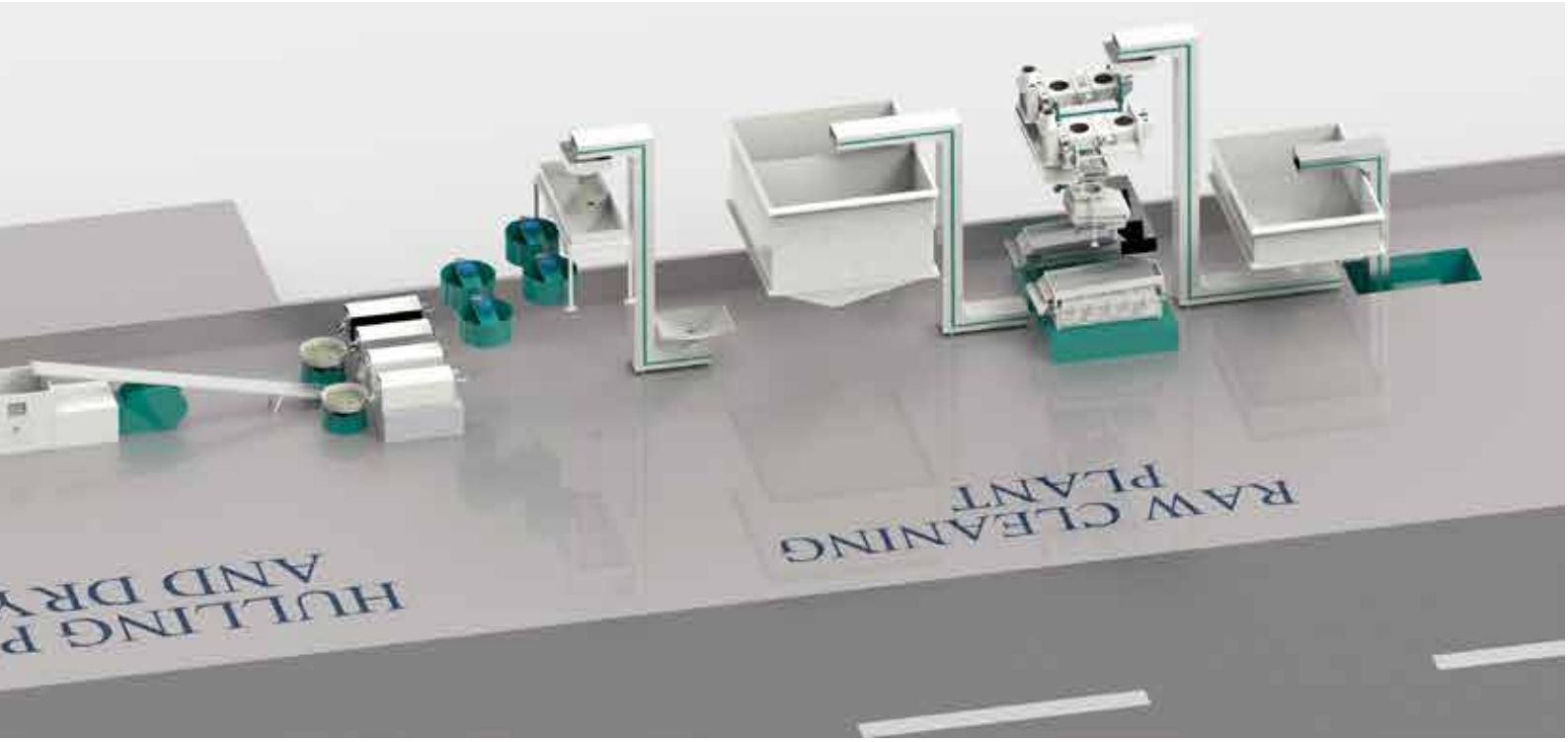
Sesame Seeds Hulled

Natural Sesame Seeds



The cleaned seeds are then soaked in water to soften the hulls, making them easier to remove. After soaking, the seeds are drained and subjected to a dehulling process, often involving mechanical abrasion or friction techniques. This step efficiently separates the hulls from the seeds. The dehulled seeds are subsequently washed to remove any remaining hull fragments and then dried to reduce moisture content. Drying is crucial to prevent mold growth and ensure the seeds long shelf life. Finally, the dried seeds are sorted and graded based on quality standards, with any remaining impurities removed. The resulting hulled sesame seeds are now ready for packaging and distribution. This streamlined process ensures that the sesame seeds retain their nutritional benefits and are free from contaminants, meeting industry standards and consumer expectations.





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Contact Us :-

- +91 9879420168 (Sabir Fakir)
- +91 7433809680 (Imran Shahmadar)
- info@perfecttechnology.co.in
- perfecttechnology987@gmail.com
- Plot No. 190, 191, 192 & 193 Near Bhagvati Weigh Bridge, Kuvadva G.I.D.C., Rajkot Ahmedabad Highway , Rajkot - 360023.

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