

DAL MILL MACHINERIES

Efficient Processing | Superior Quality
For a Better Tomorrow



**Your Trusted Partner
in Grain Processing**

Company Profile

Complete Milling, Cleaning, Grading & Sorting Solutions:



Since 2002, MARK has been delivering reliable and innovative solutions for the food-processing and agricultural industries. With 8,000+ happy customers and 53+ service centres across India and global markets, we are committed to providing advanced machinery, dependable performance and complete processing solutions. We specialize in Rice Mill, Dal, Grains, Millets and Pulses Milling Machineries, along with Cleaning, Grading, Sorting and Processing Solutions. Our comprehensive product range includes modern Color Sorting Machines, Milling Machines, Cleaning Systems, Grading Machines, Destoners, Size & Hole Sorting Machines and customized processing equipment. From individual

machines to complete turnkey projects and fully integrated processing lines, we provide end-to-end solutions covering plant design, machinery supply, installation, commissioning and service support. With a focus on technology, quality, efficiency and customer satisfaction, MARK continues to be a trusted partner for businesses seeking complete and professional milling, cleaning, grading and sorting solutions in India and worldwide



Mission

To manufacture reliable, efficient, and technologically advanced color sorting and milling machinery that improves processing quality, productivity, and profitability while providing responsive customer service and dependable after-sales support.



Vision

To become a trusted and recognized name in the color sorting and milling machinery industry by continuously developing innovative technologies, maintaining high manufacturing standards, and building long-term relationships with customers.

OUR EXPERTISE :

Rice • Dal • Grains • Millets • Pulses • Spices • Cleaning • Grading • Color Sorting • Milling • Grinding
• Turnkey Projects • Complete Processing Lines

8,000+ Happy Customers | 53+ Service Centres | Since 2002 | India & Global



SINGLE DECK PRE-CLEANER

A single-deck pre-cleaner machine is an initial grain-processing unit used to remove large impurities, dust, straw, sand, and immature grains from raw crops like paddy, wheat, and maize at the intake stage.



PRE-CLEANER

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MAGNETIC DESTONER

A magnetic destoner is an industrial sorting machine that uses powerful high-intensity magnets to remove mud balls, black stones, and metal contaminants from grains, pulses, and spices.



VIBRO CLASSIFIER

A vibro classifier machine is an industrial screening and cleaning equipment that uses controlled vibrations to separate materials by size, remove impurities, and grade products.



VIBRO DESTONER

A vibro paddy destoner removes stones, sand, mud balls, and heavy impurities from raw paddy using a combination of mechanical vibration and upward airflow.



MULTIGRAIN DESTONER

A Multigrain destoner function is to remove stones, mud balls, and dense foreign impurities from multigrain by using a combination of vibration and upward airflow.



DE HULLER TYPE 1

A dal huller machine also known as a pulse de-husking or de-skinner machine is to remove the tough outer fibrous husk seed coat from pulses with minimal damage.



DE HULLER TYPE 2



GRAVITY SEPERATOR

A dal gravity separator is an industrial machine used in pulse processing mills to sort and grade split pulses (dal) like toor, moong, or chana. It separates grains of the exact same size but with different weights or densities using a combination of an inclined vibrating deck and controlled upward airflow



DAL SPLITTER (FATKA) MACHINE

The Dal splitter (Fatka) Machine is designed to efficiently split and de-husk pulses by removing the outer husk and separating the dal into clean, properly processed grains. It helps reduce broken dal, separate husk and unwanted particles, improve product quality, and provide consistent processing with reduced manual effort.



ROUND GRADER TYPE 1



ROUND GRADER TYPE 2

A round grader functions by separating and grading seeds, grains, or powders based on size, shape, and diameter using circular rotating screens or vibrating sieves.



OIL & WATER MIXING CONVEYER

A dal mill oil & water adding conveyor is a specialized machine used in pulse processing. Its primary function is to uniformly mix a precise amount of water or oil with raw pulses DAL to loosen the outer husk before de-husking.



BELT CONVEYOR

A belt conveyor system functions as a continuous material handling mechanism used to transport raw grains, split pulses, husks, and finished packages smoothly between cleaning, grading, de-husking, splitting, and packing units with minimal grain breakage.



SCREW CONVEYOR

A screw conveyor uses a rotating helical blade inside a tubular or U-shaped trough to push and transport bulk materials, powders, grains, and semi-solids horizontally, vertically, or at an incline from a feed point to a discharge point.



CHAIN CONVEYOR

A chain conveyor is used to transport dal and other materials smoothly between different processing machines. It ensures continuous material flow, reduces manual handling, and improves overall dal mill production efficiency.



DAL DRYER

A dal dryer removes excess moisture from processed dal efficiently. It ensures uniform drying for better quality and longer shelf life. It also helps improve storage, polishing, and further processing.



AIR CLASSIFYING ASPIRATOR

The Dal Air Classifying Aspirator is designed to efficiently remove husk, bran, dust, chaff, and other lightweight impurities from dal using controlled airflow. It separates lighter unwanted particles from heavier, clean dal, ensuring effective cleaning.



DUCK ASPIRATOR

A duck aspirator (commonly called a duck-type aspiration channel) is an industrial pneumatic separation device used in grain mills, flour mills, and seed-processing plants. Powered by a 1 to 3 HP motor, its main job is to use controlled airflow and suction to separate lightweight dust, husks, and fine waste from heavier grains, seeds, or pulses.



GRAIN DISCHARGER

A grain discharger gear type uses interlocking toothed wheels to control and transfer the movement of mechanical power, ensuring smooth and precise rotation speeds for moving grains safely.



REVERSE AIR JET FILTER

The Reverse Air Jet Filter is designed to remove fine dust and suspended particles from the air generated during grain, dal, and milling processes. It uses filter bags to trap dust while clean air passes through, and periodic reverse air cleaning removes accumulated dust from the filter surface. This ensures efficient dust collection, cleaner working conditions, and improved overall plant hygiene.



ATTA CHAKKI MACHINE

The Atta Chakki Machine is designed for efficient grinding of wheat and other grains into fine, high-quality flour. It provides uniform grinding while retaining the natural taste, aroma, and nutritional value of the grain. The machine is suitable for producing fresh atta with adjustable fineness and consistent output.



HAMMER MILL MACHINE

The Hammer Mill Machine is designed for efficient crushing and grinding of grains, pulses, spices, and other dry materials into fine and uniform particles. It uses high-speed rotating hammers to break and pulverize the material according to the required size. The machine provides consistent grinding, high production capacity, and is suitable for various food and agricultural processing applications.



CENTRIFUGAL MACHINE

The Centrifugal Machine is designed for efficient separation, cleaning, and processing of grains, pulses, and other agricultural products. It uses high-speed centrifugal action to remove husk, dust, impurities, and other unwanted particles while improving the quality of the processed product.



CASTING PIN MILL



MS PIN MILL

The Pin Mill is designed for fine and uniform grinding of grains, pulses, spices, and other dry materials. It uses high-speed rotating pins to reduce the material into fine particles with consistent size. The machine provides efficient pulverization, high production capacity, and adjustable fineness for various food and milling applications.



PLAN SHIFTER

The Plan Shifter is designed for efficient separation and grading of grains, pulses, and other granular products according to size and quality. It uses multiple screening decks with different mesh sizes to separate the product into uniform fractions. The machine provides accurate grading, high capacity, and consistent performance while improving the overall quality and appearance of the final product.



VIBRO SHIFTER

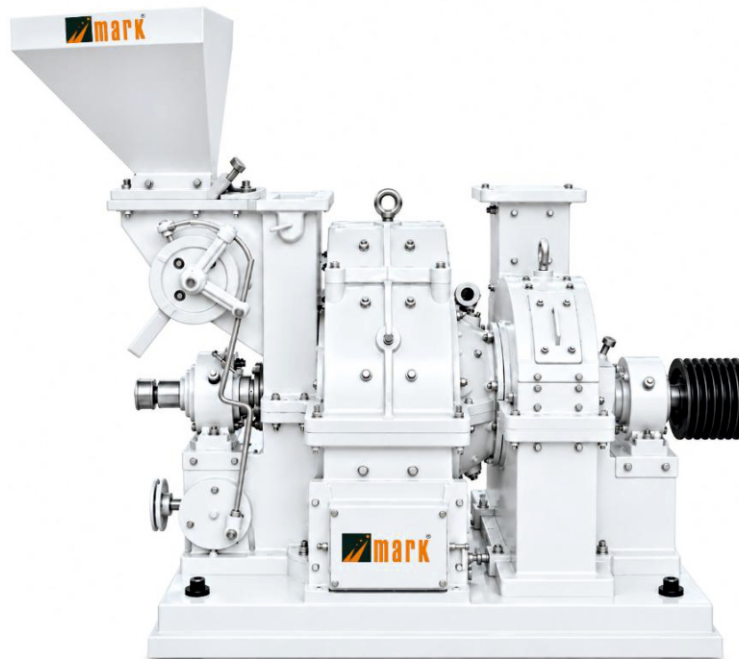
The Vibro Shifter is designed for efficient screening, grading, and separation of grains, pulses, flour, and other granular materials according to particle size. It uses controlled vibration to move the product across multiple screening decks, separating fine, medium, and coarse particles accurately. The machine provides high-capacity operation, uniform grading, and improved product quality.

ACM PLANT



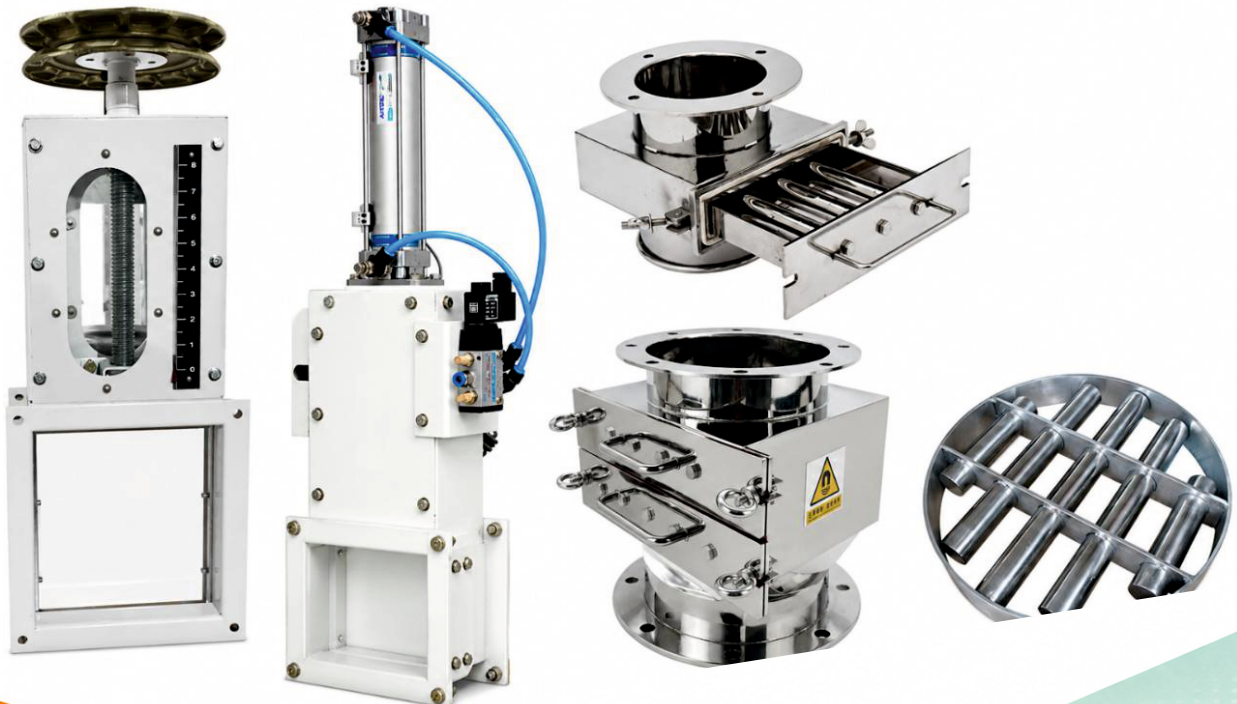
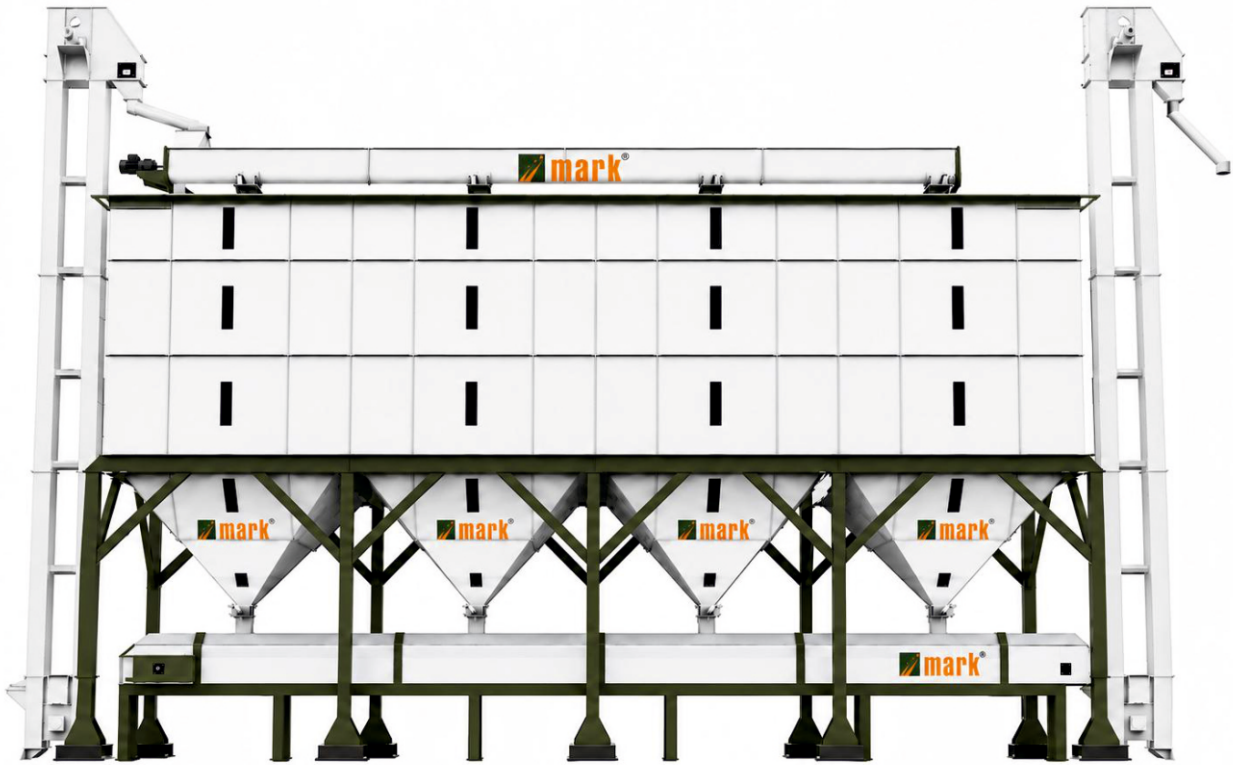
The Air Classifying Mill is designed for fine grinding and precise particle-size classification of grains, pulses, spices, and other dry materials. It combines high-speed impact grinding with an air-classifying system to produce fine and uniform particles. The machine offers precise control over particle size, high grinding efficiency, and consistent product quality while minimizing heat generation. It helps preserve the natural properties, flavour, aroma, taste and nutritional value of the grinding material.

IMPACT PULVERIZER



Impact Pulveriser is designed for efficient fine grinding of grains, pulses, spices, herbs and other dry materials. It produces uniform particle size with high grinding efficiency and is suitable for food, agricultural, herbal and industrial processing applications.

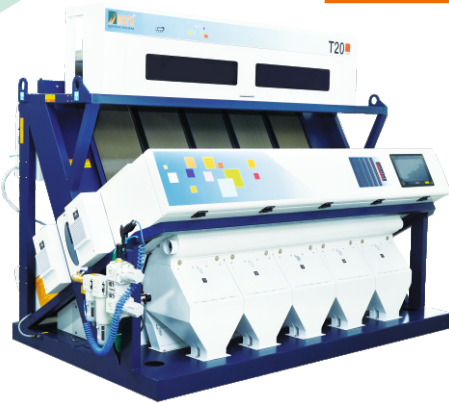
STORAGE PIN DAL MILL ACCESSORIES



GI, MS, SS DUCTING MATERIALS



MARK COLOR SORTING MACHINE



T20 
 SQUARE

High-precision sorting solution for rice and wheat, designed to remove discolored, defective and foreign materials while improving product purity, appearance and overall quality.



COMMANDOR RIGG

Advanced holes and size sorting technology for dal, pulses and cashew, designed for accurate separation based on size and shape to achieve uniform grading and consistent product quality.



COMMANDOR
 SQUARE

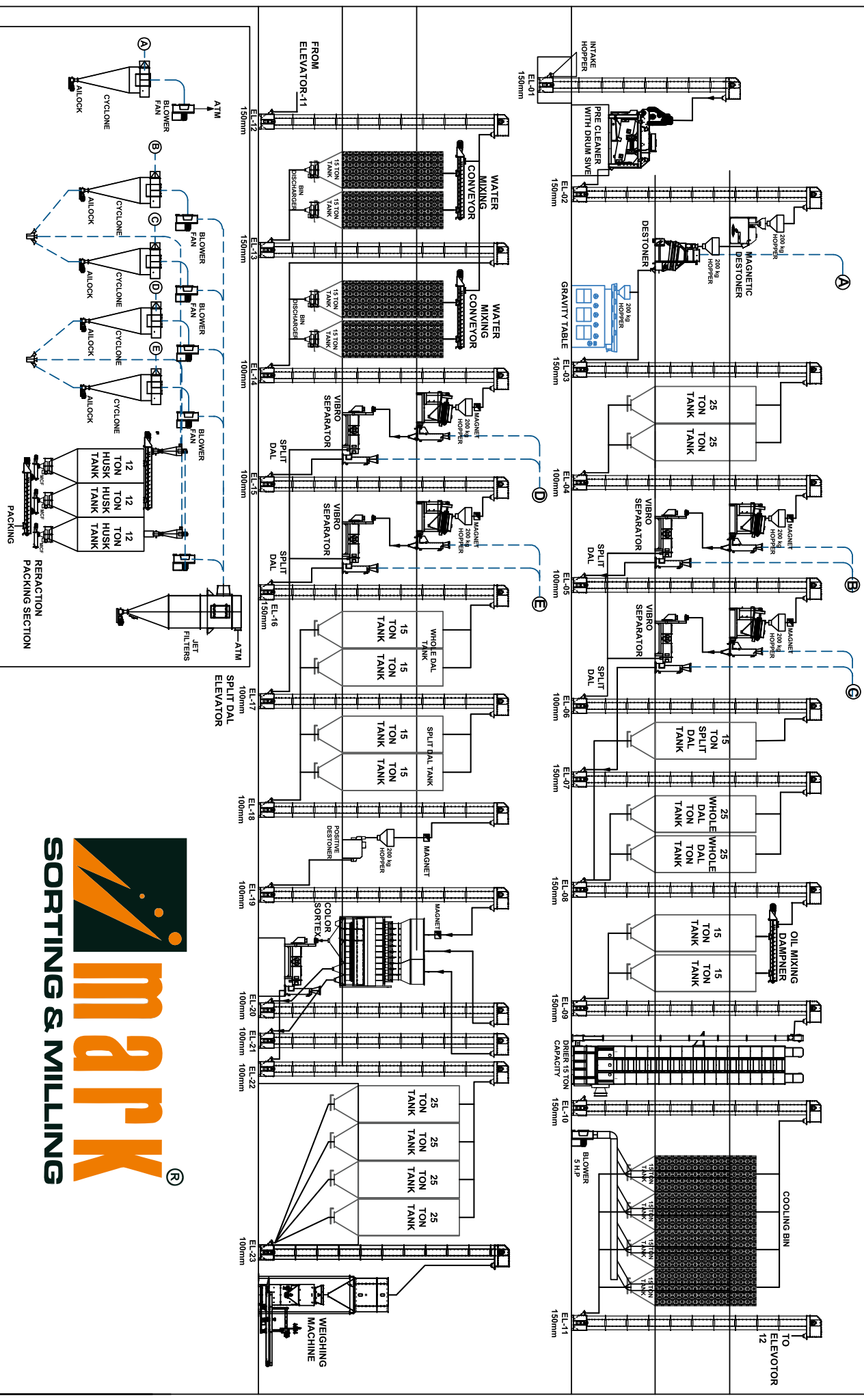
MULTIGRAIN, PULSES & MILLETS COLOR SORTING MACHINE Advanced color sorting technology designed to accurately remove discolored, damaged and unwanted grains from multigrains, pulses and millets, delivering clean, uniform and high-quality output.

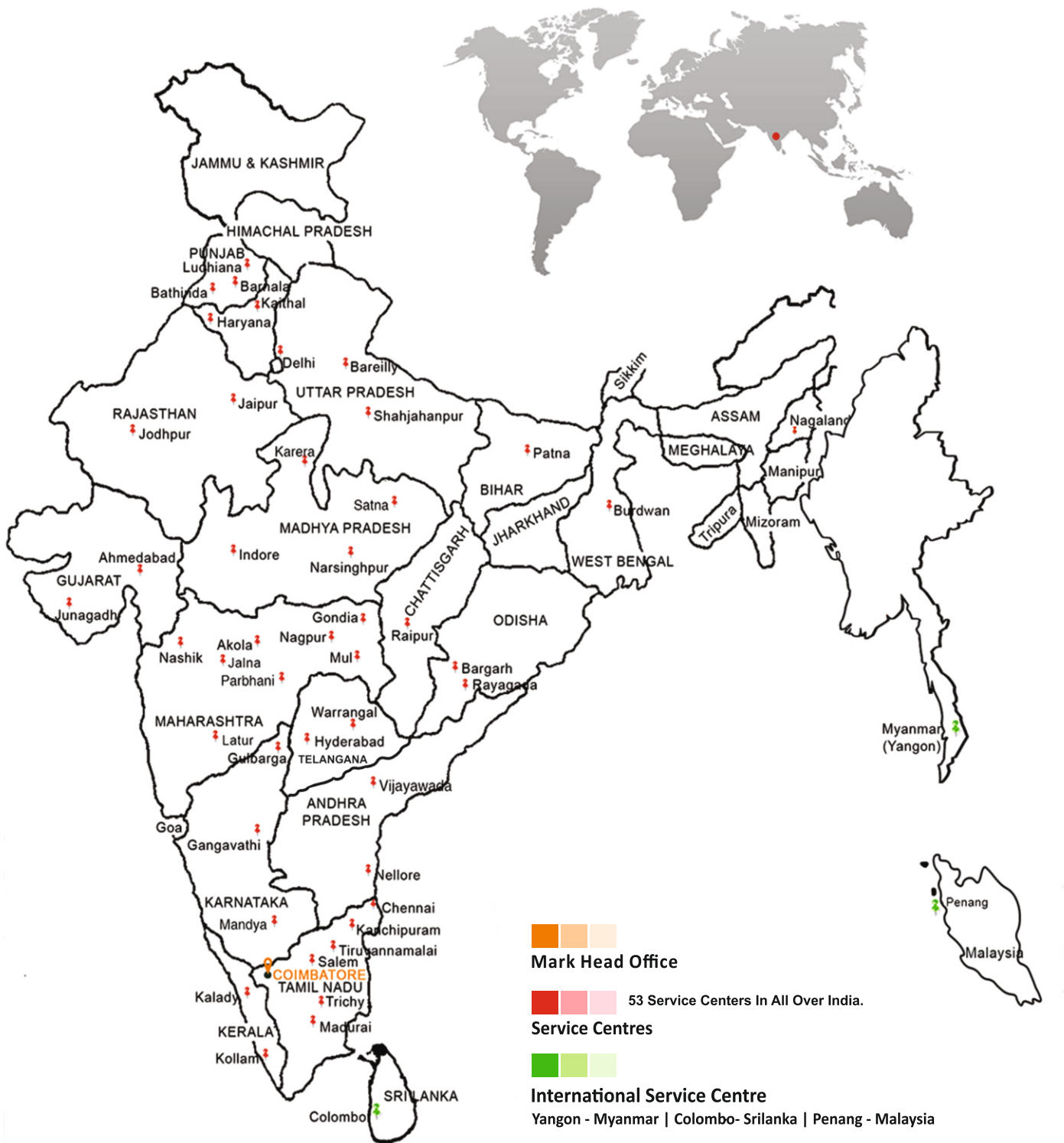


COMMANDOR
 — ROTOMAX **ST 600**

BELT TYPE GARLIC & CHILLI SORTING MACHINE High-performance belt-type sorting machine designed for garlic and chilli, efficiently separating unwanted, defective and discolored products to deliver clean and quality output.

URID DAL MILL PROCESS FLOW SHEET





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