



INNOVATIVE
INDUSTRIAL SOLUTIONS



www.remonengineering.com



LEADERS IN
MANUFACTURING OF
MAGNETIC

&

VIBRATING
PRODUCTS.

ABOUT US



Remon Engineering leader in manufacturing of **Magnetic Products & Vibrating Screening Equipments**. Since its inception, **Remon Engineering** has taken significant strides in the manufacturing of permanent magnetic equipment, electromagnetic equipment, and a wide range of magnetic and vibro solutions. With years of industry experience and expertise, we are committed to delivering functionality, innovation, and reliable services. As an **ISO 9001:2015** Certified Company, **Remon Engineering** ensures that every product we manufacture adheres to the highest quality standards. Under the leadership of our founder, our company has built a strong reputation for excellence, precision, and customer satisfaction.

We are capable of manufacturing various magnetic equipments & vibrating equipments based on the requirement of the clients. We are having a group of skilled workers working for the timely accomplishment of projects undertaken without compromising on the quality. Our magnetic equipments have been successfully used in various industries.

Remon Engineering has been able to develop an impeccable reputation in Rajasthan owing to its policy of manufacturing under strictest international quality norms to give products that offer trouble free and user friendly operations and at the same time are economical and highly productive.

PRODUCT RANGE



Magnets



Magnetic
Equipments



Vibrating
Equipments



Efficient River Sand
Washing Solutions



Innovative Drying
Solutions



INFRASTRUCTURE

Located in the industrial hub of Bhilwara.

Equipped with the most refined manpower and advanced machines.

Delivering the best technology and performance in every product.

State-of-the-art machinery with highly competent manpower ensures top-notch quality at all levels.

Designed, Engineered, and Tested with high precision in-house under the supervision of skilled experts. Not just machinery parts, we also provide complete technical help and know-how to customers for smooth product integration.

OUR TECHNOLOGY

In order to meet the increasing global demand for magnetic and vibratory equipments, Remon Engineering has created a portfolio of technologies aimed at:

▶ 100% yield

▶ 100% efficiency (e.e. TM concepts)

We approach every challenge with a perfect blend of proprietary technologies and in-house engineering expertise.

For our customers, this means – Whatever the challenge, Remon Engineering provides the most economical and best solution.

BEST QUALITY PRODUCTS

Top-class quality products giving us a competitive edge.

Fully compliant with strict regulatory requirements of clients.

TOP QUALITY SERVICE

In today's complex and sensitive industry, we ensure total reliability.

Tailor-made products & complete turnkey solutions.

Close, long-term partnerships with fast response to every request.

Wide range of high-tech Magnetic Separators and Vibratory Equipments.

Backed by a team of experts and qualified engineers.





VALUE ADDED SERVICES

Having many successful & satisfied customers, we are proud of our reputation as a **leading manufacturer of magnetic and vibratory equipments** in the industry. Our unmatched commitment to customer service, deep understanding of customer needs, and launch of **innovative products** remain **unparalleled** in the magnetic & vibratory equipments industry.

We have an **experienced and skilled professional team** always available to our customers for fast and competent response.

Our Customized Services Include:

- 24x7 round-the-clock service.
- Dedicated & decentralized after-sales service.
- Spare parts and customer support.
- Annual maintenance contracts
- Customer training.

We add **MORE VALUE** to your business.

We serve our customers **ON TIME, EVERY TIME.**

With our complete & customized solutions, **OUR CUSTOMERS have MORE TIME to focus on their CORE BUSINESS.**



OUR BUSINESS

Management and Fast Customer – Focused Response

Remon Engineering is a rapidly growing enterprise, combining advanced R&D, experience, and business expertise to deliver quality machinery tailored to customer needs.

We follow an innovative and well-structured approach to problem-solving, blending creativity, timeliness, and quick response to new opportunities.

Your machinery requirements are carefully analyzed by our engineering team, and each approved project is handled by dedicated production engineers, ensuring the best quality and cost efficiency — today and for the future.

Remon Engineering Online Contacts for Inquiries

A standard practice is to keep clear and open communications with our customers for 100% satisfaction. Please visit us at **www.remonengineering.com** to submit your queries — we promise you a quick response.

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GARNET MAGNETIC SEPARATOR



We are a trusted brand name in the industrial market as a leading manufacturer and supplier of **Garnet Magnetic Roller Separator** to our highly respected clients. These offered garnet magnetic roll separator is having a compact design and it is ideal for para magnetic particle, further weekly magnetic particles separation from non magnetic feed. These magnetic roll separators consist of two rolls, one of which is magnetic. The conveyor belt used between the two roller carry the ore into the magnetic field. Moreover the movement of the belt is controlled by a motor fixed to one of the rolls. The material to be processed is conveyed to the belt by vibrating feeder at a required rate. The rotational speed of rolls can be adjusted according to the material properties.

APPLICATION

- Natural Abrasive Garnet
- Sea Garnet
- Rock Garnet
- Used Garnet
- Iron Ore
- Copper Slag
- Alumina
- Magnesium Oxide

FEATURES

- High energy efficiency
- Hassle-free performance
- Easy to operate
- Longer functional life
- Electromagnetic induction
- Effective magnetic intensity
- High magnetic intensity
- Low energy consumption

CUSTOMIZED MODEL: RMN/Garnet/001

Available Sizes (Capacity): 1200 mm – 1.5 TPH, 1500 mm – 2 TPH, 1800 mm – 3 TPH

Available Roll Configurations: 3 Roll, 4 Roll, 5 Roll, 6 Roll, 7 Roll, 8 Roll, 9 Roll, 10 Roll





MAGNETIC ROLL SEPARATOR

We are a trusted brand name in the industrial market as a leading manufacturer and supplier of **Magnetic Roller Separator** to our highly respected clients. These offered magnetic roll separator is having a compact design and it is ideal for para magnetic particle, further weekly magnetic particles separation from non magnetic feed. These magnetic roll separators consist of two rolls, one of which is magnetic. The conveyor belt used between the two roller carry the ore into the magnetic field. Moreover the movement of the belt is controlled by a motor fixed to one of the rolls. The material to be processed is conveyed to the belt by vibrating feeder at a required rate. The rotational speed of rolls can be adjusted according to the material properties.

APPLICATION

- ▶ Mica Flex and Powder
- ▶ Silica sand
- ▶ Quartz
- ▶ Phelsphar
- ▶ Potash
- ▶ Cao
- ▶ Dolomite

FEATURES

- ▶ High energy efficiency
- ▶ Hassle-free performance
- ▶ Easy to operate
- ▶ Longer functional life
- ▶ Electromagnetic induction
- ▶ Effective magnetic intensity
- ▶ High magnetic intensity
- ▶ Low energy consumption

CUSTOMIZED MODEL:

Available Sizes (Capacity): 1200 mm – 1.5 TPH, 1500 mm – 2 TPH, 1800 mm – 3 TPH

Available Roll Configurations: 3 Roll, 4 Roll, 5 Roll, 6 Roll, 7 Roll, 8 Roll, 9 Roll, 10 Roll





MAGNETIC DESTONER



We Remon Engineering are one of the leading manufacturer and supplier of **Magnetic De-Stoner** across the globe.

Our high-intensity Magnetic De-Stoners are designed to efficiently remove impurities such as stones, metallic pieces, glass, mud balls, and other contaminants from grains, pulses, and cereals — ensuring 100% purity and accuracy. Built with a fully stainless steel body, closed design to prevent dusting, and equipped with a vibrating tray and PU/Kevlar/PTFE conveyor belt, the machine delivers superior magnetic performance and durability.

It is widely used for cleaning materials like wheat, rice, dal, maize, coffee, beans, and various seeds and cereals.

APPLICATION

- ▶ Wheat
- ▶ Rice
- ▶ Mustard
- ▶ Maize/Corn
- ▶ Tea
- ▶ Fennel Seeds
- ▶ Lentils
- ▶ Gram
- ▶ Carom seeds
- ▶ Cumin seeds

Size	OD		
900	100	150	200
1200	100	150	200
1500	100	150	200
1800	100	150	200
2100	100	150	200





DRUM MAGNETIC SEPARATOR

Drum Type Magnetic Separators automatically separate magnetic particles from raw materials. They are available in Single, Double, and Multi-Stage designs to achieve varying levels of magnetic separation and purity.

Single Drum Magnetic Separator:

- Suitable for medium and high-intensity magnetic separation.
 - Removes iron contamination from minerals, chemicals, refractories, etc.
 - Features high-power permanent magnetic plates at the outlet.
 - Uses modern anisotropic permanent magnets for maximum magnetic strength.
- Optional vibrating inlet hopper and enclosed design to minimize dust and pollution.

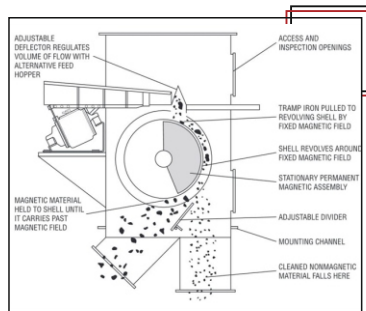
Double Drum Magnetic Separator:

- Ensures higher purity by passing material twice through a stationary permanent magnet enclosed in a non-magnetic stainless-steel drum for efficient ferrous separation.

Multi-Stage (Triple & Multi) Drum Separator:

- Designed for highest purity requirements.
- Material passes sequentially over multiple drums, removing iron particles in stages.

OD	Length
300	300, 400, 500, 600
400	400, 500, 600, 800, 1000, 1200, 1500
500	500, 600, 800, 1000, 1200, 1500, 1800, 2000
600	500, 600, 800, 1000, 1200, 1500, 1800, 2000
800	600, 800, 1000, 1200, 1500, 1800, 2000
1000	800, 1000, 1200, 1500, 1800, 2000





GARNET VIBRATING SCREEN



Garnet Vibrating Screen is a heavy-duty inclined vibrating screen, designed for efficient separation, grading, or dewatering of bulk materials such as Abrasives, Natural Abrasive, Garnet, Used Garnet, sand, coal, minerals, or industrial raw materials. The screen operates on the principle of vibration-induced particle movement, where material flows over the screen deck and separates according to particle size.

WORKING PRINCIPLE

- ▶ When the vibrator motor or eccentric shaft rotates, it produces a reciprocating vibration.
- ▶ This vibration causes the material on the screen surface to move in a tumbling and stratifying motion.
- ▶ Finer particles pass through the openings.
- ▶ Coarser particles move downward toward the discharge end.

APPLICATION

- ▶ Natural Abrasive Garnet
- ▶ Sea Garnet
- ▶ Rock Garnet
- ▶ Used Garnet
- ▶ Iron Ore
- ▶ Copper Slag
- ▶ Alumina
- ▶ Magnesium Oxide

FEATURES

- ▶ Heavy Duty Fabrication
- ▶ Efficient Screening Action
- ▶ Vibration Mechanism
- ▶ Superior Isolation System
- ▶ Easy Maintenance
- ▶ Customizable Design





GARNET GYRATORY SCREEN

Garnet Gyratory Screen / Swing Probable Screen is High-precision screening machine with gentle gyratory motion, ideal for garnet and fine materials.

WORKING PRINCIPLE

- ▶ The machine separates solid materials based on particle size using linear vibration.
- ▶ The machine has two vibration motors that create a back-and-forth linear motion.
- ▶ When the material is fed into the machine, it moves forward while being vibrated.
- ▶ It passes through multiple layers of screen meshes, each filtering particles of a specific size.
- ▶ The separated materials exit through different outlets in front.

APPLICATION

- ▶ Natural Abrasive Garnet
- ▶ River Sand
- ▶ Silica Sand
- ▶ Quartz Sand
- ▶ Crude Salt
- ▶ Dolomite
- ▶ Mineral Powder
- ▶ Dry mortar

FEATURES

- ▶ Fully enclosed rectangular design
- ▶ Linear vibration via dual motors
- ▶ MS or SS304/316 construction
- ▶ 1–5 screening layers
- ▶ Multiple discharge ports
- ▶ Coil or rubber spring damping
- ▶ Dust-proof top cover





GARNET DEWATERING SCREEN



A **Dewatering Screen** is a type of vibrating screen specifically designed to remove water (moisture) from wet materials. It separates solids and liquids — mainly used after washing, hydrocycloning, or wet classification processes.

APPLICATION

- ▶ **Sand & Gravel Plants** → for washing and drying sand.
- ▶ **Mining** → for Garnet, Natural Abrasive, Silica Sand, iron ore, and mineral processing.
- ▶ **Construction Materials** → stone, silica sand, crushed rock.
- ▶ **Recycling** → to recover solids from wastewater or slurry.

ADVANTAGES

- ▶ Achieves high moisture reduction (up to 10–15% remaining water).
- ▶ Compact design with low noise and low power consumption.
- ▶ Reduces drying time and improves material handling.
- ▶ Durable, easy to maintain, and efficient in continuous operation.

See the Difference Our Dewatering Screen Makes

Feature	Before Washing	After Dewatering Screen
Water Content	25%	10–12%
Transport Ease	Low	High
Storage & Sale Ready	No	Yes

**Transform Wet Sand into
Market-Ready Sand**





ROTARY SCREEN

A **Rotary Screen**, also known as a **Trommel Screen**, is a mechanical screening machine consisting of a **cylindrical rotating drum** fitted with a **perforated plate or wire mesh surface**. The drum rotates at a controlled speed, allowing material to be continuously fed into it. As the drum turns, the material tumbles and moves forward along its length. Smaller particles pass through the perforations, while larger particles continue to travel to the end of the drum for discharge, effectively achieving **size-based separation**.

Rotary Screens are highly versatile and are extensively used for **screening, grading, and separating materials** based on particle size in various industries such as mineral processing, solid waste management, composting, sand and gravel, fertilizers, food processing, and chemical plants.

The machine offers **high efficiency, low maintenance, and continuous operation**, making it ideal for handling **bulk materials** and wet or sticky materials that may clog conventional screens.

APPLICATION

- Garnet
- River Sand
- Silica Sand
- Quartz Sand
- Mica Flakes
- Iron ore, Mining
- Construction Industry
- Recycling Industry

FEATURES

- High Screening Efficiency
- Robust Construction
- Low Maintenance
- Customizable Mesh Size
- Energy Efficient
- Dust-Free Operation
- Versatile Use: Suitable for both wet and dry screening processes.





TUMBLER SCREEN



The **Tumbler Screen**, also known as a **Circular Sieving Machine**, is designed for high-precision particle separation and impurity removal using a smooth, multi-plane rotary motion. This gentle tumbling action mimics hand sieving, ensuring minimal material degradation while achieving high efficiency and accuracy.

It is especially suited for screening fine, lightweight, or fragile materials where traditional vibration systems may fall short. The extended residence time of particles on the screen surface improves separation performance and throughput capacity.

APPLICATION

- » Food Processing (flour, sugar, milk powder, spices)
- » Pharmaceuticals
- » Chemical Industry
- » Metallurgy
- » Ceramics
- » Mining

FEATURES

- » **Multiple decks/screens** — allowing for multi-layer separation (different mesh sizes).
- » **Vibrating motor** — mounted on the side or base, generating the oscillating motion.
- » **Stainless steel construction** — for hygiene and corrosion resistance.
- » **Tight sealing and clamps** — prevent material leakage and allow easy screen replacement.
- » **Outlet ports** — for discharging separated materials.

