



Jyoti Magnet[®]



Jyoti Magnet[®]
ISO 9001:2015 Certified Company.
Mfg. of Magnetic equipment & Vibro Screen.
Kathwada, Ahmedabad, Gujarat, India.
E-mail : jyotimagnet85@gmail.com
Web : www.jyotimagnet.com
Mob. : +91 98989 45158, +91 84019 40353.

MFG. OF MAGNETIC EQUIPMENT & VIBRO SCREEN.

www.jyotimagnet.com



Jyoti Magnet®

ABOUT US

Established In The Year 2014, We Jyoti Magnet Has Successfully Emerged As A Major Manufacturer Of High- Quality Magnetic Plate And Rod. Offered Products Range Consists Of Magnetic Grill, Magnetic Separator, Suspension Magnet, Vibro Screen Machine And Much More. These Are Manufactured Using Sophisticated Technology. Additionally, Our Range Has Been Acknowledged Due To The Features Like Highly Durable, Efficient, Lightweight, Easy Usability And Optimum Strength.

We Satisfy Clients With The Help Of Our Professionals And Advanced Technology. Also, We Are Supported By An Ultra- Modern Infrastructure. This Helps Us To Execute Our Production Process In A Smooth Way. Moreover, Our Magnetic Grill And Rods Meet The Highest Of Quality Standards And Can Be Customized As Demanded By The Customers. Also, To Grow In The Market With Sustainable Positions, We Have Been Relying On The Principle Of Keeping Transparent And Ethical Business Practices That Facilitate High Efficiency In The Business Processes.

Under The Headship Of Our Mentor Mr. Manoj Yadav, Our Organization Is Moving Ahead In This Cutting-edge Competition. He Possesses The Deep Knowledge That Helped Us Design Immaculate Products For The Clients.

PRODUCT RANGE

- Magnetic Equipments
- Vibrating Equipments



INFRASTRUCTURE

Established In The Industrial Hub Of Ahmedabad, The Company Stands Equipped With The Most Refined Men And Machines To Deliver The Best Of Technology And Performance In The Products. Our State Of The Art Technology And Machinery With Highly Competent Manpower Have Helped Us To Maintain Top Notch Quality At All Levels.

Our Products Are Designed, Engineered, And Tested With High Precision In-house, Under The Supervision Of Highly Competent People. Not Just Machinery Parts, We Are Also Open To Provide You With Total Technical Help And Assistance To Provide You With Complete Technical Know-how For Incorporating The Products.

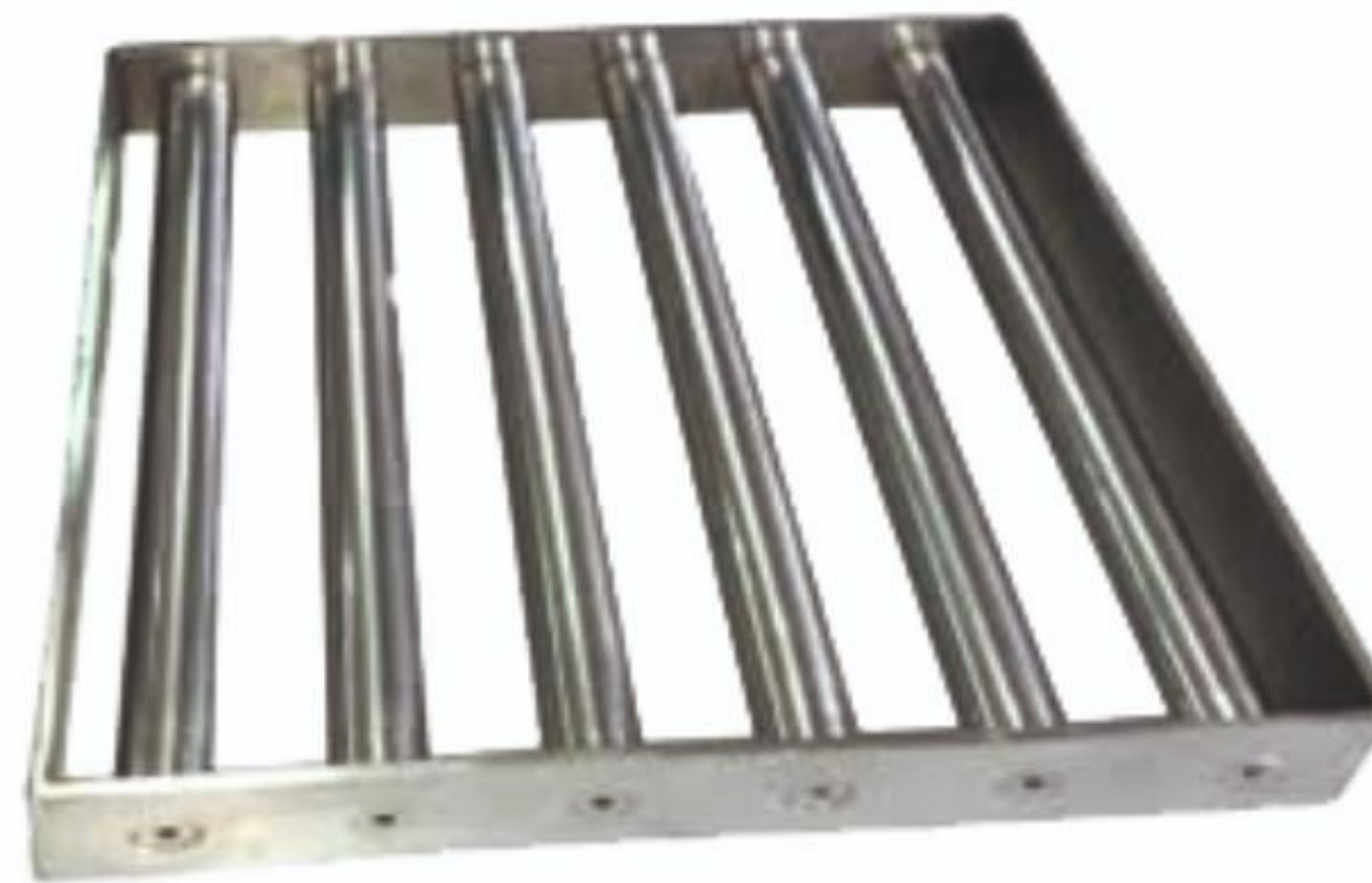
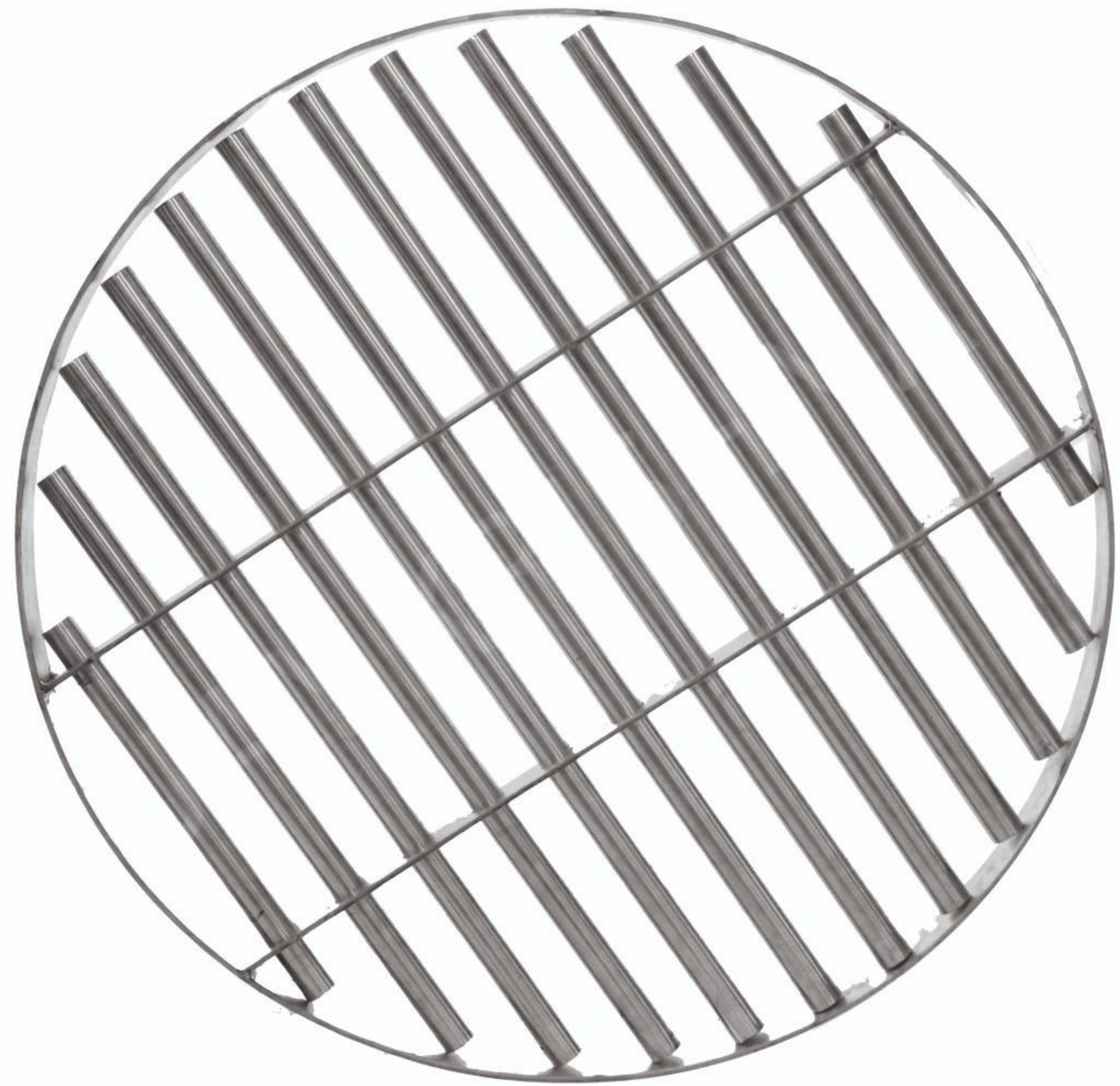
MAGNETIC GRILL

Backed by the sound industry experience, we are engaged in manufacturing and supplying our clients with comprehensive assortment of Magnetic Grills. This manufactured Magnetic Grill is utilized for removing of iron particles mixed with dry, granular or free flowing material. These magnetic grills is used in or below hoppers, catch bins, floor opening and many other locations to protect processing equipments and make sure product purity. It is used for high level of protection. Available in magnetic gauss power Up To 12000.

AVAILABLE SIZES

Round \varnothing 100 mm to \varnothing 1500 mm

Square 100 mm x 100 mm to 2000 mm x 2000 mm



DRAWER MAGNET

Supported with rich mechanical experienced specialists we are occupied with this area of manufacturing Magnetic Drawer. The offered Magnetic Drawers are manufactured with top quality material and driving methods. Our manufactured drawers are basically suggested for fine cohesive materials such as magnesium oxide, zircon powder, fly ash, aluminum, gypsum, Lime, powdered sugar, cornstarch, flour and pulverized minerals and ceramics. Available magnetic gauss power Up to 12000.

AVAILABLE MODELS

Single/Double / Multi Stage Magnetic Drawer \varnothing 100 mm to 600 mm in all stages



MAGNETIC ROD

Rare Earth Rod Magnets are extremely efficient at removing fine iron contamination from free flowing products such as ceramics slurry sugar, grain, tea, flour, granulate and any other types of powder with a low moisture content.

Magnetic Rods are made from Nd-Fe-B rare earth, SmCo, & Ceramics Magnetic Material. This item can be supplied with black, tapped or studded ends for ease of installation. Rods are available in 25 mm, 32 mm, 40 mm & 50 mm diameter, rods are available in up to 12000 Gauss Power.

Rods are particularly useful for those engineers who wish to build their own separator units or have severe room restrictions and are not able to accommodate a conventional unit.

This product contact parts are manufactured using 304 and 316 grade stainless steel.

AVAILABLE SIZE

Ø20mm To Ø50mm & 100mm L to 2000mm L



PLATE MAGNET

Magnetic Plate available in rare earth Magnets & strontium magnets & gauss power is up to 12000 gauss Magnetic Plate which is used to separate ferrous metal from the conveyor belts or from chutes. Our range of magnetic equipment is among the best that is available in the industry. We have a range to suit all kinds of industry requirements and products. The plate magnet is an effective air-cooled permanent magnetic plate magnet, suspended over the product stream.

AVAILABLE

Sizes 150 mm X 200 mm To 1500 mm X 1500 mm (MS & SS Models)



PIPE LINE MAGNETIC SEPARATOR

Magnetic Liquid Filters are designed to remove micron sized ferrous and paramagnetic contamination from various types of liquids. A matrix of Easy Clean rods containing high intensity rare earth neodymium iron boron magnets are housed within a stainless steel vessel. Pipeline is available in up to 12000 Gauss Power.

The magnetic configuration ensures maximum exposure of contamination to the high intensity rods without impeding liquid flow. Filters are available in two versions, single wall and double wall Jacketed. Jacketed filters are used in heated pipeline applications where temperature is critical to the product viscosity, for example, chocolate, syrups, lams and sauces. Both these versions are tested and certified to operate at pressures up to 12 bar as standard, designs capable of working at 48 bar are available on request.

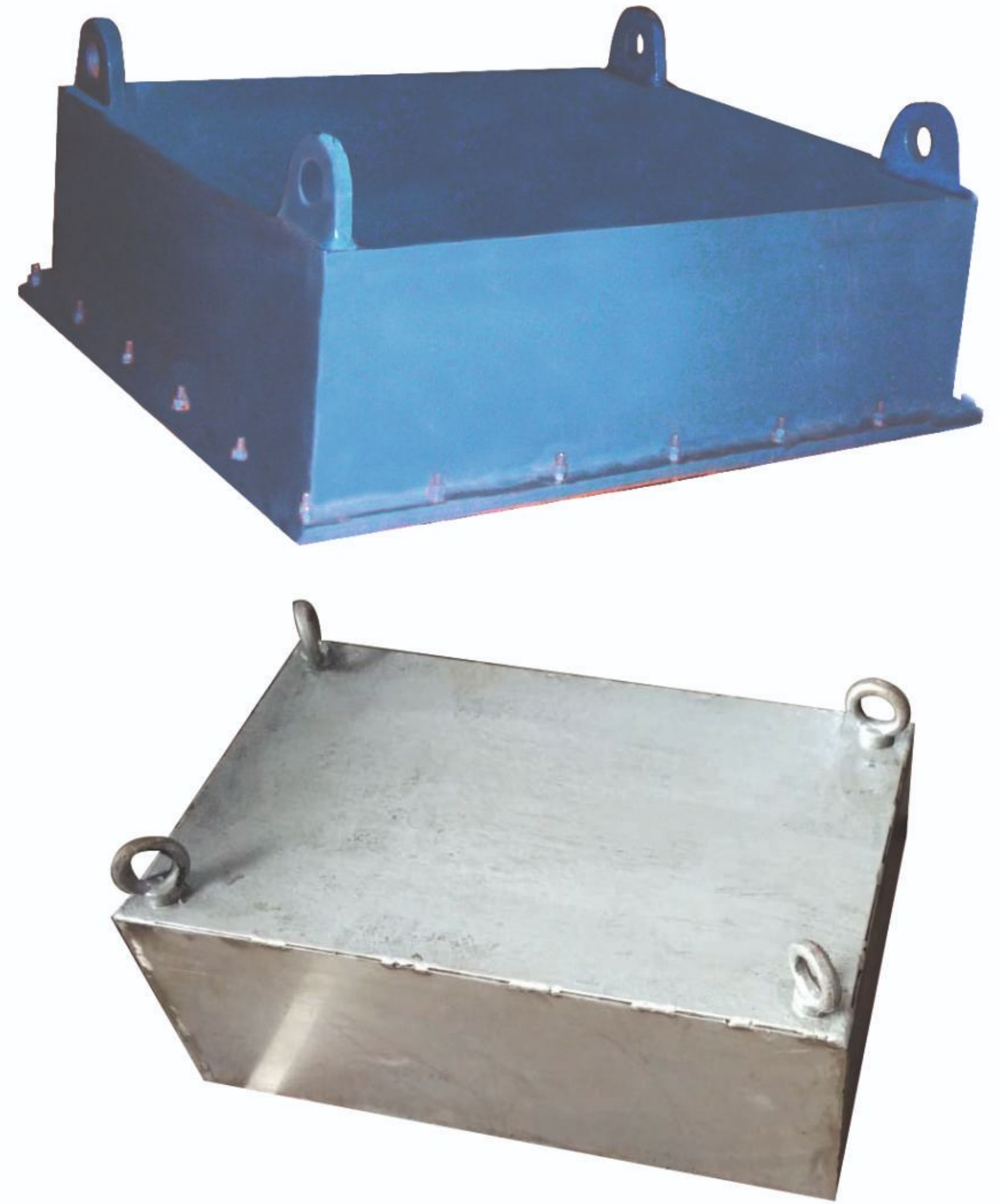
AVAILABLE MODEL

Size: Inlet/outlet Ø25 mm To Ø500 mm & up to 50 magnetic Rods



SUSPENSION MAGNET

This Unit Simply Suspends Above The Conveyor Belt Or The Head Pulley And Lifts Tramp Metal From The Product Burden As It Passes Through The Powerful Magnetic Field. For Eyebolts Are Provided For Suspension (suspension Chain Not Included). Cleaning Is Achieved By Manually Removing The Collected Tramp Metal From The Face Of Magnet. Easy Clean Options Are Available To Simplify Cleaning. Suspension Magnet Made From Nd- Fe- B Rare Earth And Strontium Ferrite Magnets.



MAGNETIC DRUM SEPARATOR

Our organization is well-known across the globe as an eminent enterprise engaged in manufacturing, exporting and supplying superior quality of Magnetic Drum Separator. It is broadly utilized to eliminate, get rid of impurities or separate the iron ore ferrous materials, and this drum separator is well maintained using the premium quality of raw material in accordance with the set quality standard norms. Magnetic Drum Separator is available in up to 10000 Gauss Power.

AVAILABLE MODELS

Single Drum Magnetic Separator
Size: Ø300-500 & L 400-3000

Double Drum Magnetic Separator
Size: Ø300-500 & L 400-3000

Multi Stage Drum Magnetic Separator
Size: Ø300-500 & L 400-3000



MAGNETIC DESTONER

Rare Earth Magnetic De-Stoner are extremely efficient at removing fine Iron contamination and mud ball and stone from free flowing products such as, sugar, grain, tea, flour, granulate and any other types of powder with a low moisture content and dry raw material.

We are riveted in manufacturing Magnetic Destoner that works as a densimetric separator of the stones from the grain. Magnetic Destoner are applicable in removing a small amount of heavy contamination from rice, pulse, soybean, wheat, and many other products. It refines the stock of grain. This machine saves time as it has high productivity and is easy to operate. Magnetic De Stoner is manufactured as per client requirement for handling various type of cereals, species, pulses, legumes and industrial materials such as, plastic, chemicals and minerals.

Magnetic De-Stoner are available in upto 13000 gauss magnetic strength which is highest in Nd-Fe-B Magnet grade. We use N52 grade magnet in manufacturing of Magnetic Destoner.

AVAILABLE SIZES

Size- Roll Dia- 100mm, 150mm,200mm & Roll Length: 350mm-3050mm



MAGNETIC PULLEY

Magnetic pulley is perfect magnetic products which can be used as head pulleys in belt conveyors. Magnetic pulleys provides great efficiency for removal of iron contaminants like nails, spikes, nuts, bolts, cans, and wire from material flowing on conveyor with maintenance-free operation. Regardless of your application is, a magnet is a low-cost way to remove unwanted ferrous metal from your stream. They require very less maintenance and can last for years with proper maintenance. Magnetic Pulleys are available in upto 7500 gauss magnetic strength.

The magnetic field of the pulley attracts the iron particles which are stuck to the belt until it reaches the underside. The separated iron particles pass out of the magnetic field and are collected separately into a bin. The cleaned non-ferrous material is discharged normally over the pulley in a vertical drop

AVAILABLE SIZES

Size-Ø 200mm-500mm & L: 300mm-2000mm



HUMP MAGNET

Hump Magnets are made from high coercively permanent magnets. High Intensity rare earth magnetic plates are hinged on sturdy housing captures all the ferrous particles from the flowing material and prevent damage to the machinery. The plates can be easily swung open and cleaned.

Hump Magnet's housing is manufactured using heavy SS304/SS316 or mild steel as per customer's requirement. Hump Magnets are totally dust tight enclosure and magnetic plates installed on hump can be cleaned easily

Hump Magnets are generally made of two stages but multi stage Hump Magnets can be also manufactured based on customer's requirement. Hump Magnets provides excellent ferrous particles separation results for high volume, free flowing or abrasive materials.



LIFTING MAGNET

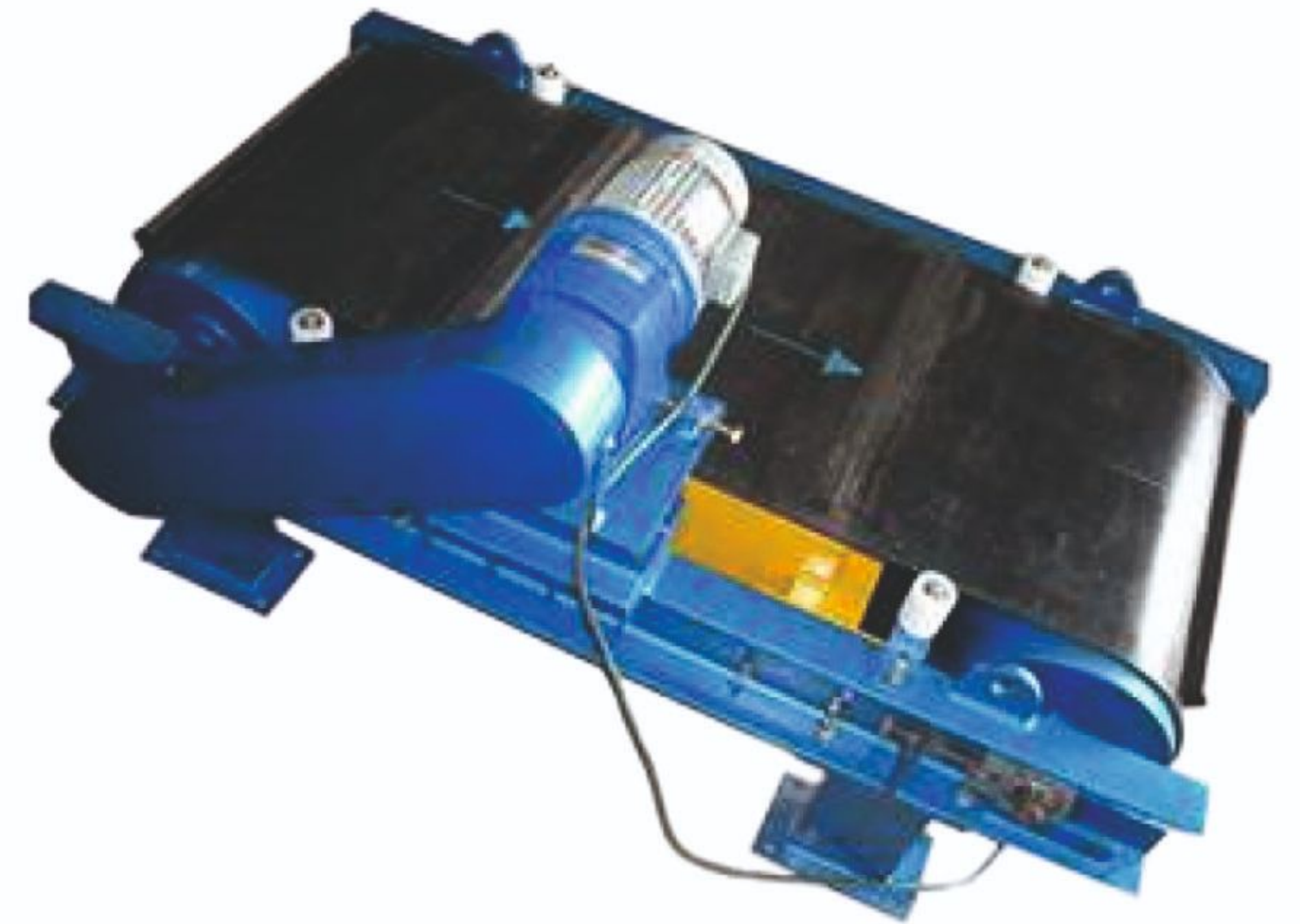
Jyoti Magnet's Compact Rare-Earth Permanent Magnetic lifter, which can be turned on and off manually by lever provide smooth operation for hundreds of lifting and positioning application. These magnetic lifters are ideally suited for in plant handling, loading/unloading of machine tools, in machine shop, engineering companies, steel plant etc. Magnetic lifter without requiring of electricity or batteries guarantees continuous, complete magnetic power, even after years of intensive use Available in 100 to 5000 kg rated lifting capacities with 33% safety factors and means magnetic are testing over 3.5 times and rated load.

Cases are constructed of high-permeability, low-carbon steel for minimum magnetic leakage and maximum lifting efficiency. Bottom plates are heavy manganese steel. Class H insulation is used throughout the magnets for extended life.



OVER BAND MAGNETIC SEPARATOR

Overband Magnetic Separators also known as Cross Belt Magnetic Separators is used to remove ferrous particles from the materials flowing on conveyor belts by pulling the ferrous particles upwards through the material against the force of gravity. They are very powerful magnets and are usually suspended above conveyor belts. Incorporated in a motor-driven magnetic conveyor belt running across the face of the magnet, continuously moves the collected ferrous particles away from the magnetic flux area. The removed ferrous particles falls away from the belt once it leaves the magnetic field, which makes it a self-cleaning suspended magnetic separator for conveyor belts.



AVAILABLE SIZES

Overband Magnetic Separator are available for conveyor belt width of 500mm-2000mm

MAGNETIC FLOOR SWEEPER

Magnetic floor sweepers manufactured by us are like a huge area vacuum for your warehouse, workshops, storage etc. It is very easy, convenient, safe and time saving way to clean floors, driveways, construction areas, walkways, factory aisles, loading docks, packing lots and more.

These Magnetic Floor Sweepers are made up of strong permanent ferrite magnets that magnetically sweep the scrap metal lying down without any fuss and the rubber wheels that come with the Magnetic Floor Sweeper make for easy movement. Also, with just a pull release handle, all trapped iron material is released. It does not require cleaning using work gloves and heavy shop towels.



AVAILABLE SIZES

Magnetic Floor Sweepers are available in 12",18",24",36" sweeping width.

HAND MAGNET

Jyoti Magnet's Hand Magnet are designed to separate scattered iron material such as nails, wires, washer, bolt, nut, etc. from floor of shop, workshop, garages, edgy cornered areas, foundry, scrap, and many other places. The high-intensity Ferrite Magnet is housed in a steel flat body with the handle to form a magnetic circuit. Hand Magnet is widely used in various industries for machining, casting, Food & Pharma industries, chemical industries, recycling plant, etc. or for collecting the iron pieces lying on the floor or mixed in the medium for putting another operation. Hand Magnet is easily applied to a wide range of users in collecting iron particles from powder and granule materials even for household and educational purpose.



MAGNETIC ROLLER SEPARATOR

These Offered Magnetic Roller Separator Is Having Compact Design And It Is Ideal For Para Magnetic Article, Further Weekly Magnetic Particles Separation From Non Magnetic Feed. These Magnetic Roll Separators Consist of 2 Rolls, One Of Which Is Non-Magnetic. The Conveyor Belt Used Between The 2 Roller Carry The Ore Into The Magnetic Field. Moreover The Movement Of The Belt Is Controlled Using A Motor Fixed To One Of The Rolls. The Material to Be Processed Is Conveyed To The Belt By Vibrating Feder At Required Rate. The Rotational Speed of Rolls Can Be Adjusted According To The Material Properties. Magnetic Roll Separator is available in 13000 Gauss Power.

AVAILABLE MODELS

Single Roller To Eight Roller Magnetic De-stoner
Size: Ø 75mm, Ø100mm, Ø150mm & 450mm L To 2550mm L

Available Stages
Up To 8 Stages In All Models



RECTANGULAR VIBRATING SCREEN

Capitalizing on our infrastructural strength and market knowledge, we are engrossed in presenting a vast range of Rectangular Vibrating Screen which is one of the most versatile machines, which can perform the action of separating the liquid and solids such as Classification, Grading, Oversize Removal, De-dusting, De-watering Fiber Recovery, Filtration or any type of SIZE based separation.

AVAILABLE MODELS

750 mm x 1500mm to 1200 mm x 3000 mm
(MS & SS Models)



VIBRO SCREEN

We are considered to be leading manufacturer and supplier of best quality of Vibro Screen which is the circular screens working with extraordinary vibratory Motor granting vibration in numerous ways to the screen gathering. Vibratory motion is one of the most effective methods for screening, complete machine consists of Vibration generating base which houses the vibratory motor and screening assembly with wire mesh or perforated sheet. It is widely used in various industries like Chemical, Food, Pharma, Minerals, Abrasive, Plastic, Dairy, Metal etc.

AVAILABLE MODELS

Ø18", Ø24", Ø30", Ø36", Ø48", Ø60", Ø72" (MS, SS & GMP Models)

AVAILABLE STAGES

Up to 7 stages in all models



VIBRO SCREEN SPARES



Balltray



Bush



Clamp



Deck



Fixer



Gasket Rubber



Ring With Mess



Spring With Bush



Stud With Fitting



Stud



Dom



Vibrating Motor

OUR VALUED CLIENTS



📍 86, Shubh Industrial Estate, Singarva- Kathwada Road
Nr. G.I.D.C. Kathwada, Ahmedabad-382430, Gujarat, India.

☎ +91 84019 40353 | +91 98989 45158

✉ jyotimagnet85@gmail.com | rahul@jyotimagnet.com

🌐 www.jyotimagnet.com | www.jyotivibroscreen.com

