LEADING THE FIELD

Passionate about magnets

At Magnet Expert, we supply and manufacture magnetic assemblies and systems to leading names within a diverse range of industries. Through our expert technical knowledge, experience and passion, we are best placed to help with your enquiry at every step. With our 40+ years of experience within the magnetics industry, no solution is out of reach.

Expert advice at every step

Our team of Magnet Experts are here to help at every step, providing expertise and knowledge on our range of magnets and magnetic systems. If you have a project or application, we are here to help answer and questions. Contact us today with your requirements and we will be happy to help.

Magnets made with high quality materials

We only supply magnets and magnetic systems that are manufactured using the highest quality materials. Our neodymium magnets (NdFeB) contain dysprosium which increases the protection against demagnetisation and corrosion, which ultimately extends the life of your magnets.

Service to shout about

Our experienced and friendly team of experts will always provide you with no-obligation technical advice and support every step of the way. At Magnet Expert, going the extra mile to help our customers is not something reserved for a chosen few. No matter the complexity or requirements of your order, our team are here to help and you will not get better service anywhere else.

Custom made magnets

Whatever the application, our team of expert technicians will discuss your requirements with you in full with a view to understanding your application inside and out (we will offer guidance where requested) before we proceed to manufacture the product to your desired specifications. We see each bespoke requirement as a challenge and our technicians love nothing more than a challenge!

Ready to see how magnetic solutions can help with your next project? Contact us today.

MAGNET EXPERT

OUR CAPABILITIES

Leading The Field

At Magnet Expert, we supply high quality and performance magnetic assemblies and systems. Manufactured to your exact specifications from the highest quality and responsibly sourced materials. Our technical knowledge and passion paired with over 40 years of experience within the magnetics industry ensure we are experts in leading the field in magnetic solutions.

Expert Technical Advice

Our team of technical experts have over 40+ years experience within the magnetics industry, working with and supplying to some of the most leading names across an array of industries. With our technical knowledge and outstanding customer service, we are best placed to help you with your next project.

Custom Manufacturing To Your Specifications

We understand all industries, environments and applications differ, and that's why all of our magnetic systems can be completely customised to your exact specification and requirements. Our team of experts and engineers are here to assist with your requirements at every step, ensuring you are provided with the highest quality magnetic system.

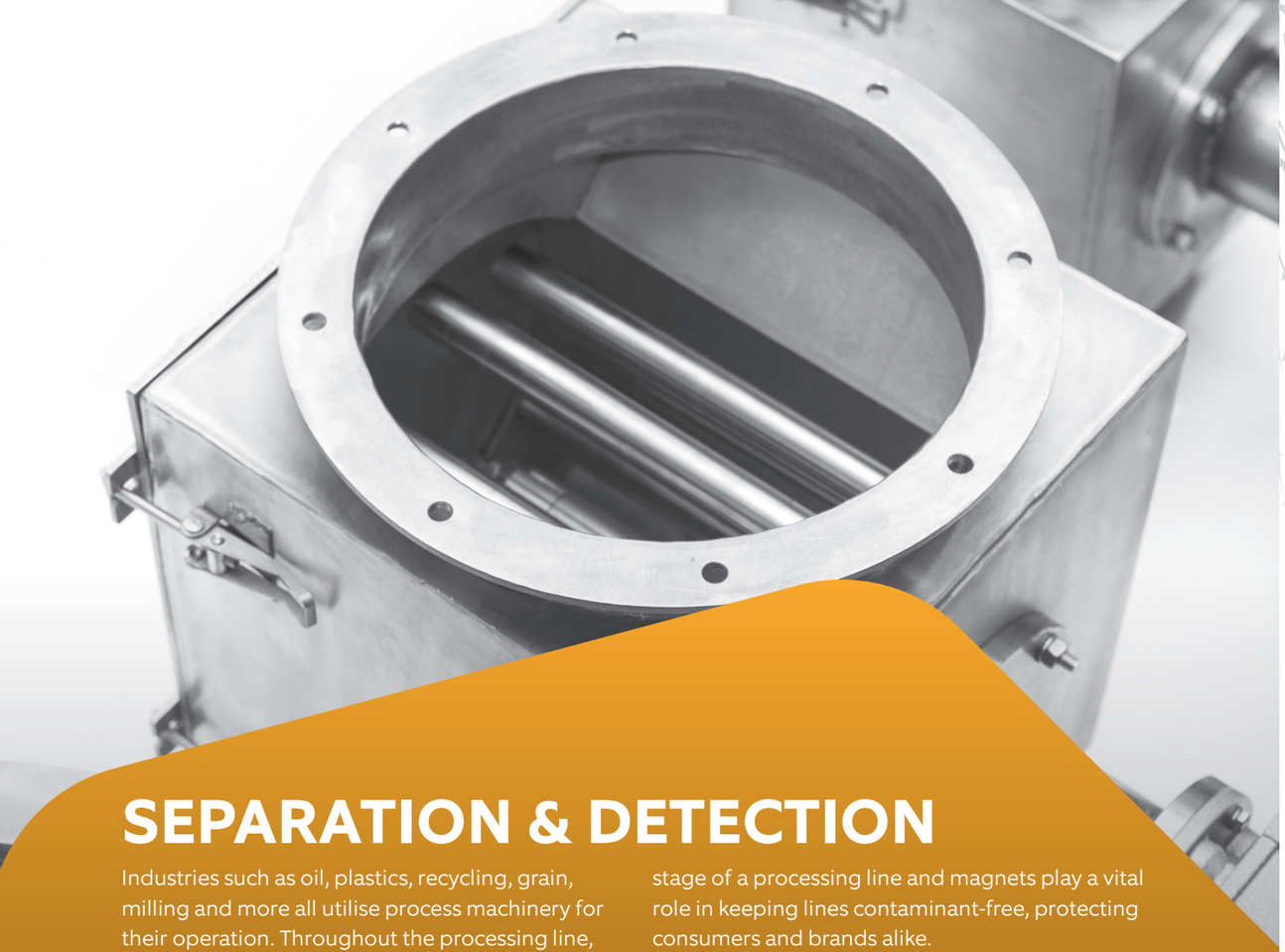
Testing & Quality Assurance

Our strenuous levels of testing and quality assurance at every step of the manufacturing process ensure that every magnetic system and solution is designed to your specifications. Through conceptualising, testing and measurement, you can be sure our magnetic assemblies and solutions are built to ensure for the highest quality and most efficient magnetic solution for your project.

In-House Design Team

Leveraging the latest SolidWorks 3D CAD software, our advanced in-house design capabilities enable us to efficiently develop concepts into high quality products. We have the ability to work with a vast array of file formats to produce high quality parts, assemblies, and engineering drawings to help bring ideas to life.

MAGNET EXPERT



SEPARATION & DETECTION

Industries such as oil, plastics, recycling, grain, milling and more all utilise process machinery for their operation. Throughout the processing line, foreign ferrous debris develops, contaminating the product flow.

Separation and detection systems are designed to attract and filter ferrous contamination utilising high-power magnets, preventing damage to machinery in the most economical and cost-effective manner.

When installed, separation and detection systems protect processing equipment, preventing costly repairs and ensure product flow such as plastics, dry powders, granules and liquids remain free of contaminants, ensuring the highest quality product is produced.

Magnet Expert's range of separation and detection systems are fully customisable to meet your specifications, ensuring for the most effective processing lines. Speak with our team of technical experts to discuss your requirements.

Efficient Removal Of Foreign Contaminants In Products & Processing Equipment

Magnet Expert separation and detection systems prolong the life of processing equipment, ensuring that machinery is free of ferrous contaminants, which are not effectively extracted with traditional methods. There is a risk of contamination at every stage of a processing line and magnets play a vital role in keeping lines contaminant-free, protecting consumers and brands alike.

Improved process productivity

Machine downtime is reduced through an efficient product flow, leading to increased productivity.

Safer processing environment

Removal of ferrous contaminants ensures machinery operates safely, minimising risk of damage.

Increased product quality

With cleaner processing lines, products remain contaminant free ensuring the highest quality.

Industry compatible

Industries such as oil, plastics, recycling, grain, milling and more all utilise process machinery for their operation.

MAGNET EXPERT

BULLET MAGNETIC SEPARATOR

Housed Bullet Magnetic Separators are the perfect tool for the removal of 'tramp' type contamination.

- Easy to inspect
- Maintains a full flow
- Removes 'tramp' sized contaminants
- High collection capacity

Effective Separation & Removal

Seed Magnetic Separators are the perfect tool for removing foreign contaminants such as nuts, bolts, screws and metal debris from various materials from gravity and pneumatically conveyed pipelines, ensuring continuous product flow.
Also known as Bullet Magnets, Seed Magnetic Separators remove metals or clods that cannot be removed from conventional cleaning or sorting machines by size or gravity difference.

As a result, it prevents 'tramp' iron from damaging expensive process machinery, saving time and money.

A high-intensity magnetic bullet element is mounted centrally, surrounded by a stainless steel housing. The design ensures that any product flow is unaffected by the magnetic element. The bullet element incorporates high-intensity Rare Earth magnetic material, Neodymium, which generates deep penetrating magnetic flux fields ensuring all contamination is captured, leading to a continuous and contaminant-free product flow.

Magnet Expert's range of Seed Magnetic Separators are compact and portable and can be used independently or installed on other equipment.

Benefits

- Separator is easy to inspect and clean
- High-intensity NdFeB magnet with deep magnetic field
- Maintains full product flow when in operation
- Removes risk of damage to other process machinery
- Rare Earth deep magnetic field
- Ensures for clean and 'tramp' contaminant free product

MAGNET EXPERT

Construction

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeB)
Housing	304 grade stainless steel
Other Parts	304 grade stainless steel
Toggle Clamps	Zinc plated mild steel
Sealing	Self-adhered white foam (FDA)
Surface Finish	Bead blast

Applications

- Grain Mills
- Food Industries
- Flour Mills
- Mineral Industries

SELF-CLEANING SUSPENDED CONVEYOR OVERBAND SEPARATOR

Suspended Conveyor Overband magnetic separators provide and efficient method of removing ferrous metals from bulk material utilising a deep magnetic field.

- Deep magnetic coil designed to penetrate heavy products
- Stainless Steel belt ensures secure protection
- Automatically discharges ferrous metal meaning no cleaning required
- Multiple sizes and models are available

Efficient Removal Of Ferrous Metals

Suspender Conveyor Separators are designed to effectively remove ferrous metals from material transport flows, ensuring processing equipment is free of 'tramp' metals. Operated through electromagnets, the deep-reaching coil design effectively penetrates all ferrous contaminants to ensure a clean processing line. The belt is designed with self-discharge, allowing for automatic removal of ferrous content and preventing the need to manually clean.

Suspended Conveyor Separators can be installed in either a Cross Belt Position where the Separator is perpendicular to the material transport flow or in an Inline Position parallel above the material transport flow.

Sizes Available:

- 1780 x 800 x 705mm
- 3200 x 1733 x 835mm
- 4200 x 2810 x 1050mm

Benefits

- Self-discharge prevents the need for manual cleaning
- Continuous attraction and removal of ferrous metals
- Can remove large and medium sized contamination
- Installation leads to issue-free operation of process lines

MAGNET EXPERT

Construction

Frame	Powder coated mild steel
Rollers	Mild steel
Belting	Vulcanised rubber with ultrasonically welded cleats
Lifting Points	Galvanised forged steel eyes

Our Self-cleaning Suspended Conveyor Overband Separator are fully customisable to meet your requirements, please contact our team today to discuss your specifications.

Applications

- Ideal for conveyable products such as wood chip, biomass, recyclables etc.
- Easily installed above transfer conveyors, vibratory feeder outlets etc

HOUSED GRID MAGNETIC SEPARATOR

Inline magnetic separator used in gravity feed chutes for effective removal of ferrous contaminants within the most demanding process environments.

Separates ferrous contaminants from processing line

Constructed with high-intensity magnets
Ideal for gravity fed dry powders or granulate
Easily installed into existing gravity feed chutes
Fully customisable sizing
Single and double row housings available

Effective Separation & Removal

Our Housed Easy Clean Grid Magnetic Separator offers superior levels of contamination removal, removing sub-micron ferrous and para-magnetic contamination such as fine-iron particles from process lines, ensuring for contaminant free product, and protecting machinery further down the processing line.

Our double housed magnetic separator units contain two, high-intensity easy clean magnetic grids that are alternated to ensure for maximum efficiency for collecting ferrous contaminants. It is common-place to have multiple separator units installed throughout a processing line to ensure ferrous contaminants are effectively removed at source.

To clean the unit, simply remove the grids from within the housing. In order to dispose of the ferrous contaminants, remove the locking nuts and separate the grid assembly. This will allow the attracted contaminants to fall away.

Benefits

- High-intensity rare earth magnets provide high collection capacity of ferrous contaminants.
- Grids and housing are easy to clean, ensuring for maximum performance.
- When installed, it reduces risk of damage to machinery further down the process line.
- Effective removal of micron-sized contaminants.

MAGNET EXPERT

Construction

Magnetic Material	Rare Earth Neodymium Iron Boron (NdFeB)
Housing	316 Grade Stainless Steel
Tubing	316 Grade Stainless Steel
Sealing	Self-adhered White Foam
Locking Nuts	Stainless Steel
Surface Finish	Polished Internally/ Brushed Externally

Our Easy Clean Magnetic Separators are fully customisable to meet your requirements, please contact our team today to discuss your specifications.

Applications

- Ideal for magnetic separation of dry powders and granulates.
- Easily installed at inlet/outlet points, machinery points, pre-silo or post-silo.

EDDY CURRENT SEPARATORS

Our Eddy Current Separators repel non-ferrous metals utilising magnetic force, enabling separation from non-conductive materials. Through this design and technology, our customers can achieve the cleanest materials possible.

- Easy slip on and off belt, can be changed in minutes.
- Tougher belts for longer wear.
- Provides highest eddy current fields.
- Double VFDs for optimizing relative belt speeds.

Remove or Recover Non-Ferrous Metals
Widely used within the recycling industry, Eddy Current Separators are designed to remove or recover non-ferrous metals such as aluminium, die-cast metal and copper from non-metallic material. Magnet Expert's range of eddy current separators are fully customisable and can be manufactured to your exact specifications including size, width, height, speed, depth, voltage, power supply, colour and more.

Operation

Eddy Current Separators work by repelling non-ferrous metals utilising magnetic force, enabling separation from non-conductive materials.
Materials are fed onto the conveyor belt of the Eddy Current Separator, which moves it across the magnetic rotor, this is where separation occurs. The magnetic rotor spins independently at a higher speed than the shell and belt.
When a non-ferrous metal passes over the separator, the magnets' rotor rotates past the metal at high speed, causing eddy currents to form. This results in a magnetic field of the same polarity as the rotating magnet to be created around the metal, which leads to the metal being repelled away from the magnet, separating the two material streams.

Features

Vibration Feeder
Drum Separation
Collection/Discharge Box
Adjustable Rotor Position
Adjustable Rotor & Belt Speed
3,000rm Standard Speed

Construction

Our Eddy Current Separators are fully customisable to meet your requirements, please contact our team today to discuss your specifications.

Applications

- Industrial Waste
- Aluminium Cans, Metallic Cans
- Paper
- Tyres
- Wood Scrap
- Demolition Waste
- Waste to Energy (WTE)
- Glass Recycling
- Electronic Scrap (WEEE)
- Auto Shredder Residue (ASR)
- Plastics, Plastic Mix, PET
- Municipal Solid Waste (MSW)

MAGNETIC PLATE SEPARATORS

Magnetic plates offer an easy to install and cost-effective solution for removing ferrous contaminants in a wide range of processing lines

- Separates ferrous contaminants from processing line
- Constructed with high quality magnetic material within stainless steel frame
- Designed with mounting holes for easy installation
- Available in 9 sizes
- Ferrite or Neodymium options available

Versatile Installation For Processing Lines

Our range of Magnetic Plates provide a cost-effective solution for separating 'tramp' iron contamination, ensuring for a contaminant free product. Easily suspended over conveyors with eyebolts or positioned within chutes, Magnetic Plates offer a versatile solution for any manufacturing or processing plant.

Constructed with either Ferrite or Neodymium magnetic material within a stainless steel frame, Magnetic Plates offer superior magnetic performance, attracting and holding ferrous contaminants directly to the face. As a result, they are virtually maintenance-free.

To clean the unit, simply remove the Magnetic Plate away from the process line and manually remove any ferrous contaminants that are present.

Benefits

- Easily installed by suspending over existing processing lines or within chutes.
- Cost-effective solution for removing 'tramp' iron contaminants.
- Reduces risk to other machinery further down processing line.
- Virtually no maintenance required with easy cleaning

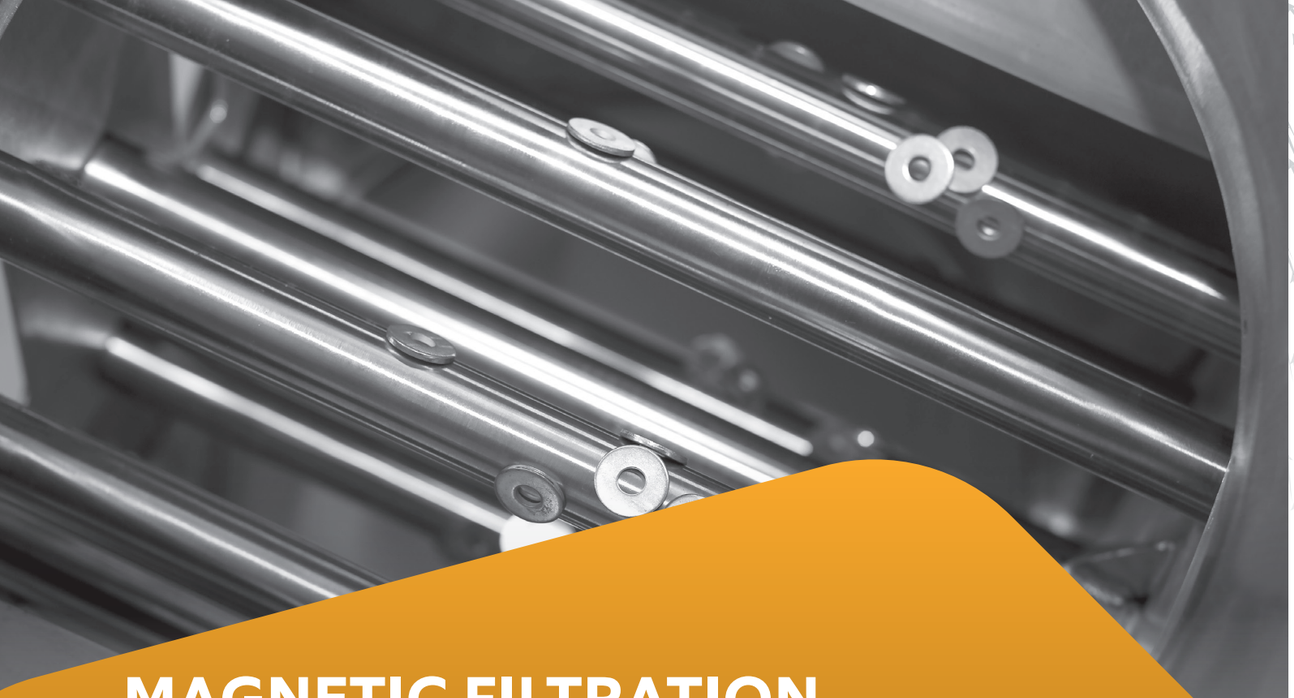
Construction

Magnetic Material	Ferrite / Neodymium Iron Boron
Housing	316 Grade Stainless Steel
Mounting	4 Mounting Holes For Eyebolts
Surface Finish	Brushed

Our Magnetic Plates are fully customisable to meet your requirements, please contact our team today to discuss your specifications.

Applications

- Food processing plants
- Recycling plants
- Glass plants
- Quarries



MAGNETIC FILTRATION

Process machinery required to produce wet or viscous products generate waste containing fine iron particles and contaminants, which in turn can adversely cause damage to pumps, slides and internal parts, all affecting the quality of finished product.

Whilst cleaner coolants and lubricant liquids can help maintain the condition of processing machinery, these coolants and fluids can eventually build up dirt, leading to wear to machinery. As a result, this can affect the quality of the finished product, leading to waste and less efficient processing lines.

Conventional filters within processing lines can also become damaged and must be replaced regularly, and may struggle to effectively remove fine metal particles. Effective filtration is therefore paramount in all modern manufacturing environments, preventing damage, reducing maintenance and increasing product quality.

Magnet Expert's range of magnetic filtration systems are designed to remove fine particles utilising high-intensity magnets that easily attract and remove the smallest of ferrous contaminants. Our systems can be fully customised to your specifications, ensuring for the most efficient method of filtration.

High Quality, Efficient & Economical Magnetic Filtration Systems

Magnet Expert magnetic filtration systems can significantly prolong equipment's life span by removing almost 100% of ferrous contamination compared to traditional coolant filters that may typically leave ferrous particles smaller than 5-10 microns circulating in the fluid. With contaminant free processing lines, processes remain efficient and more economical with less machine downtime and maintenance required.

Enhanced process productivity

Breakdowns, wear & machine downtime in processing lines is reduced.

Improved health & safety

With contaminant free processing lines, bacterial growth is minimised.

Environmentally friendly

Filter waste and fluid disposal is reduced allowing for ferrous waste to be recycled.

Reduce consumable filter costs

Through our high quality systems, there is no need to replace consumable media filters.

Increased product quality

With cleaner fluids in processing lines, product quality remains to the highest level.

Extended fluid & coolant life

Through filtering ferrous contaminants, costs are reduced and fluid disposal decreases.

MAGNET EXPERT

PIPELINE FILTER MAGNETS

Pipeline Filter Magnets are designed for the extraction and removal of ferrous contaminants from fluids produced within pressurised pipelines.

- Easy to install within existing pipelines
- Maintains full flow when installed ensuring no reduction in pressure
- Removes fine ferrous contaminants
- Manufactured to your requirements
- Removes risk of damage to other process machinery
- Ensures for clean and contaminant free liquids

Effective Separation & Removal

Pipeline Filter Magnets are designed to effectively and efficiently collect and extract fine ferrous contaminants from fluids within pressurised pipelines. Easily installed within existing pipelines, the powerful rare earth magnets ensure for highly effective extraction. As a result, fluids remain contaminant-free leading to clean liquid flow and preventing damage or issues further down the line.

The high-intensity filters are held within the steel frame and can be easily removed for cleaning. When in operation, the filters provide great versatility for any liquid processing lines and can be easily installed vertically or horizontally.

Benefits

- Filter is easy to inspect and clean
- High-intensity rare earth magnets ensure fine contaminants are removed
- Maintains full liquid and product flow when in operation

MAGNET EXPERT

Construction

Magnetic Material	Rare Earth Neodymium Iron Boron - (NdFeB)
Housing	304 grade stainless steel
Other Parts	304 grade stainless steel
Toggle Clamps	Zinc plated mild steel
Sealing	Silicon rubber ring
Surface Finish	Polished

Our Pipeline Filter Magnets are fully customisable to meet your requirements, please contact our team today to discuss your specifications.

Applications

- Chocolate
- Soups
- Juices
- Tinned fruits & vegetables
- Beverages
- Pet food

FOOD INDUSTRY GRADE STAINLESS STEEL MAGNETIC FILTER ROD

Designed for low-cost prevention of ferrous material contamination for most industries using powerful magnets to attract and capture ferrous debris.

- 12,000 Gauss.
- 25mm diameter x 50mm length.
- +/-0.1mm tolerance.
- Neodymium N42 magnets encased in stainless steel.
- M8 thread, 10mm deep at each end.
- Easy installation.

Simple To Use & Easy To Clean Magnetic Rods

Magnetic rods can be easily incorporated into several types of machinery with a little amount of engineering required, they are often installed due to their efficient removal of fine iron contamination from free-flowing products.

Our rods are particularly popular with engineers building their own separation units or have limited space unable to accommodate more conventional units.

Filter rod magnets can be cleaned in just a matter of seconds by simply pushing the attracted contamination to one end of the rod, releasing the contaminant and allowing further analysis to be conducted.

Applications

Suitable for all powders, granulates, and liquids. Including sugar, grain, tea, flour, granulate, and all powders with low moisture content.
Can be used in any process area.

Benefits

- Simple to clean
- Suitable for flexible designs
- Easy to use and install
- Removes micron-sized contaminants

Sizes available

- 50mm
- 100mm
- 150mm
- 200mm
- 250mm
- 300mm
- 340mm
- 350mm
- 400mm
- 450mm
- 500mm

Technical Specification

Product Code:	F4MFR
Shape:	Rod
Magnetic Face:	25mm dia
Length:	Various
Grade:	N42
Casing:	306 Stainless Steel
Magnet Material:	NdFeB
Performance (Gauss):	12,000
Max Temp (degrees C):	80
Fixing:	M8 x 10mm thread

WORKHOLDING SYSTEMS

Providing users higher rates of productivity when grinding, cutting and milling ferrous metals

Work holding magnets are used in several different applications across a variety of industries, each magnetic chuck has been designed specifically for clamping or holding in grinding, milling and cutting applications.

Our magnetic chucks have been engineered, to give the customer an effective and instant holding force, that will consistently and safely clamp the material they are working on while providing clear access to five faces.

The Benefits of Using a Magnetic Chucks or Workholding

Magnetic chucks provide benefits to various industries, while requiring little upkeep thanks to their robust and durable design.

Improved Efficiency

During operation, chucks reduce the time between swapping ferrous pieces and, therefore, improve the efficiency of a working day.

Clear 5-Face Access

Once the ferrous material is placed on a magnetic chuck, users have clear access to 5 faces at any one time.

Easy Waste Removal

After completing the work on the ferrous material, it is easy to remove waste and reload the next item through the magnetic chuck's instant on/off functionality.

Improved Safety & Accuracy

Permanent magnetic technology ensures no slippage, movement or vibration helping increase accuracy.

MAGNET EXPERT

FINE POLE MAGNETIC CHUCKS

Advantages and Benefits

Vast improvements in production efficiency

- Magnetic chucks provide a versatile clamping solution for use with a wide range of work piece sizes
- Removable operating handle provides simple on-off switching between work pieces
- No manual clamping is required, leading to significantly improved clamping time

Guaranteed precision

- Consistent clamping pressure ensures there is no variation in how tightly or loosely the work piece is held
- Permanently secured hold improves working safety when using with work pieces
- Easy access for machining, cutting, drilling, milling, turning and grinding

Common Applications

- Milling
- Turning
- Drilling
- Grinding

Sizes

Circular:
125mm dia
150mm dia
200mm dia
250mm dia
400mm dia
500mm dia

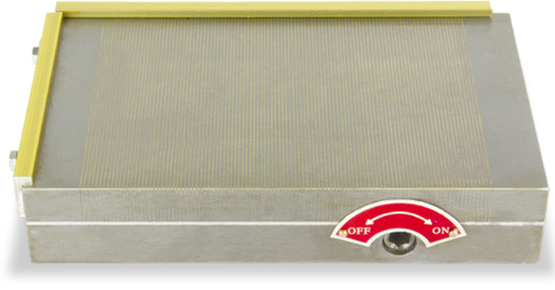
Rectangular:
160mm x 70mm
250mm x 150mm
300mm x 150mm
350mm x 150mm
450mm x 150mm
500mm x 250mm
600mm x 300mm

Circular

Circular magnetic chucks provide a versatile solution for material removal through turning applications. The fine pole pitches are suitable for work pieces from 0.7mm to 3mm.

Rectangular

Rectangular chucks with robust chrome plated side and end stops, provide secure positioning for grinding and milling applications. The fine pole pitches are suitable for work pieces from 0.7mm to 3mm.



STANDARD POLE MAGNETIC CHUCKS

Advantages and Benefits

Vast improvements in production efficiency

- Magnetic chucks provide a versatile clamping solution for use with a wide range of work piece sizes
- Removable operating handle provides simple on-off switching between work pieces
- No manual clamping is required, leading to significantly improved clamping time

Guaranteed precision

- Consistent clamping pressure ensures there is no variation in how tightly or loosely the work piece is held
- Permanently secured hold improves working safety when using with work pieces
- Easy access for machining, cutting, drilling, milling, turning and grinding

Common Applications

- Milling
- Turning
- Drilling
- Grinding

Sizes

Circular:
150mm dia
200mm dia
250mm dia

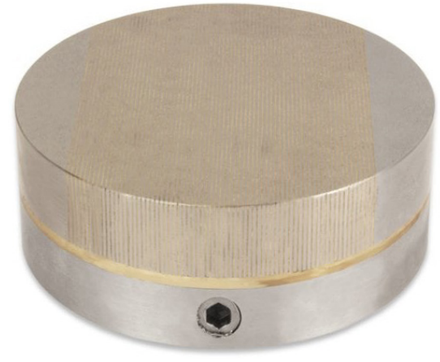
Rectangular:
160mm x 70mm
250mm x 150mm
300mm x 150mm
350mm x 150mm
450mm x 150mm

Circular

Circular magnetic chucks provide a versatile solution for material removal through turning applications. The fine pole pitches are suitable for work pieces from 0.7mm to 3mm.

Rectangular

Rectangular chucks with robust chrome plated side and end stops, provide secure positioning for grinding and milling applications. The fine pole pitches are suitable for work pieces from 0.7mm to 3mm.



LIFTING & HANDLING

Providing a quick, easy and efficient method of handling and moving large ferrous loads.

Our magnetic lifting and handling systems use permanent, switchable magnetic technology that delivers lifting speed, accuracy and efficiency whilst ensuring safety. Ideal for use in warehouses and industrial settings our lifting and handling magnets have been tested to lift up to three times their safe working load. With instant on and off operation applying magnetics to steel lifting and handling applications can improve your lift rate at no additional cost.

Why Choose Magnetic Lifting & Handling?

Using lifting magnets is the quickest, easiest, safest and most efficient way of handling and moving large ferrous loads with no running costs.

No Running Costs

Our range of magnetic lifting and handling systems use permanent, switchable magnetic technology, meaning they do not require a power source to maintain the lift hold.

Precise Lifting & Load Safety

Our devices provide a secure instant hold ensuring no-load slippage and accurate lift placement, meaning no risk of damaging the load.

Increased Efficiency

With instant on and off operation applying magnetics to steel lifting and handling applications can improve your lift rate at no additional cost.

Maximise Storage

Magnetic lifters are ideal when floor space is limited. Magnetic lifting only requires access to a single face of the load.

Lifting Safety

Safety is the most important consideration when choosing a lifting magnet, which is why each of our systems is supplied with a datasheet, on-device safety information and safety catch to prevent accidental release. Our lifting and handling magnets have been tested to lift up to three times their safe working load.

MAGNET EXPERT

LIFTING MAGNETS

An efficient substitution to slings, chains, or hooks, the Magnet Expert hand controlled lifting magnet range gives users quick and easy movement of steel and ferrous parts. Ideal for efficiently loading and unloading steel parts onto milling and CNC machining centres. They require no power supply and their ultra powerful rare earth Neodymium magnets ensure the maximum performance possible from their small size.

Each magnet features a switching handle, which locks safely in place to prevent accidental release of the load. Simply turn the switching handle through 90 degrees to turn on and engage the magnet. Press the release switch and turn the handle back though 90 degrees to switch it off. Switchable lifting magnets are widely used as hoist devices in factories, docks, warehouses and transportation industries.

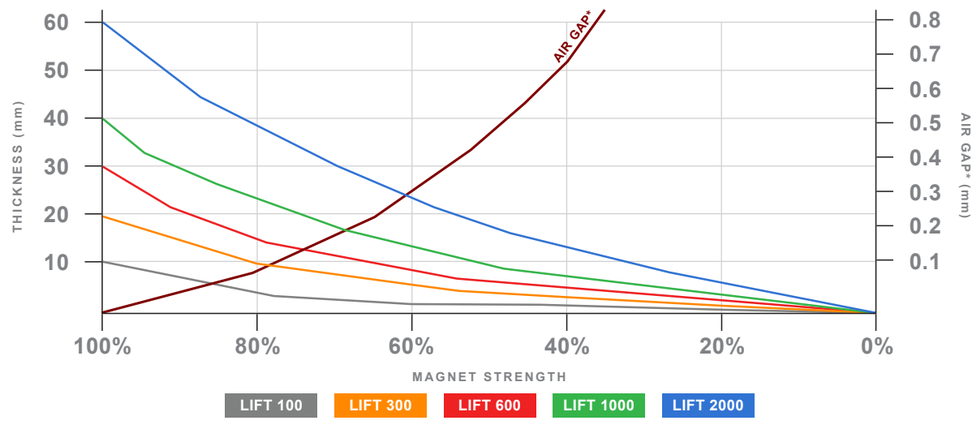
Performance

The Magnet Expert hand controlled lifting magnet range enables the safe handling of large ferrous materials on a daily basis. With no maintenance required and zero energy costs, lifting magnets will save time and money.

To ensure you select the correct lifting magnet, there are a few key points to consider when conducting an initial full risk assessment;

- Ensure the surface is clean and clear of any rust.
- Surface thickness - the Lifting Magnet Performance Guide shows how the material's thickness effects the pull strength.
- Air gaps – distance between the magnet and the surface; this includes physical air gaps, materials and surface roughness.
- If the surface roughness (Ra), is less than 6.3um, the magnet will perform at 100% of its capacity; any more than this will effect performance.

Lifting Magnets Performance Guide



*AIR GAP is defined as the space between the lifting magnet and the ferrous surface being lifted.

BESPOKE MAGNET DESIGN

At Magnet Expert, we understand that every application is unique, which is why our team of experts, engineers and designers are here to help with even the most complex requirements. We specialise in the design and manufacturing of custom made-to-order magnetic assemblies and solutions.

Designed to Your Specifications

In order to turn your ideas into a complete finished magnetic assembly or system, our team of experts will work closely with you to understand the full requirements and specifications for your application.

Our magnetic assemblies and systems can be fully customised, including but not limited to the following options:

- Shape
- Size, including tolerances
- Material and grade
- Colour
- Maximum operating temperature (if applicable)
- Voltage (if applicable)
- Power supply (if applicable)
- Quantity

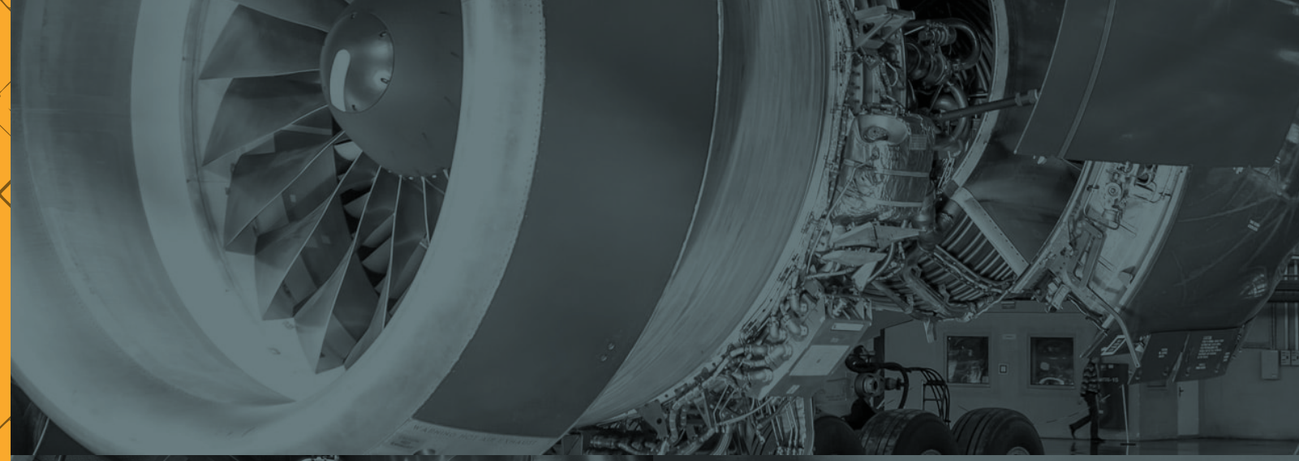
Expert Technical Knowledge

Our team of technical experts have over 40+ years of experience within the magnetics industry, working with several leading names in an array of industries bringing their ideas to life. Whether you need technical advice or want to discuss a magnetic assembly or system in detail, our team are here to help.

Through our custom-made magnets service, we can provide:

- Magnet design and specification consultations
- 3D CAD drawings for concept visualisation
- Magnet testing and data analysis
- Accurate assembly and system machining

MAGNET EXPERT



MAGNET® EXPERT

LEADING THE FIELD

0845 519 4701
Lines open Mon - Fri 8.00am – 5.30pm

www.magnetexpert.com

Magnet Expert Ltd, Walker Industrial Estate, Ollerton Road, Tuxford, Nottinghamshire NG22 0PQ