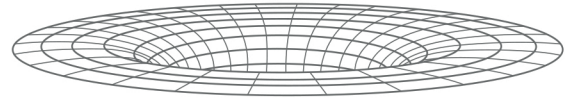
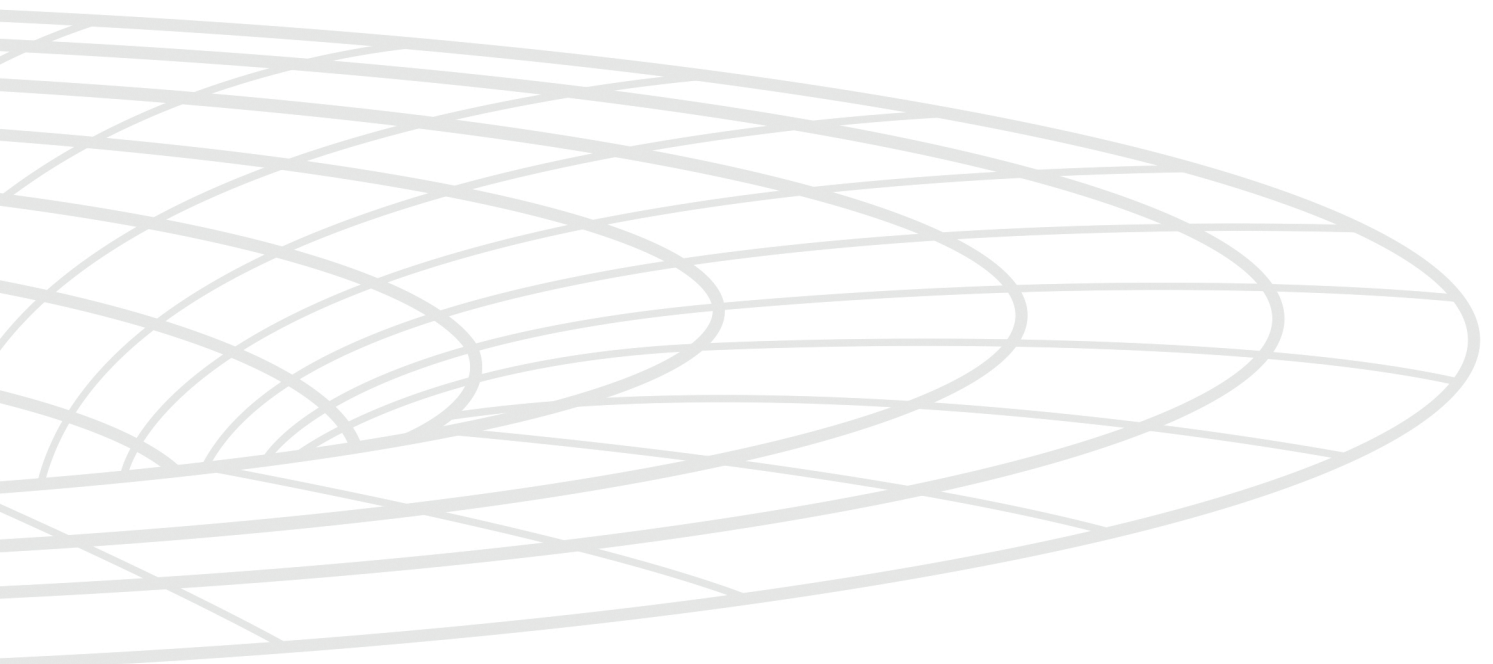
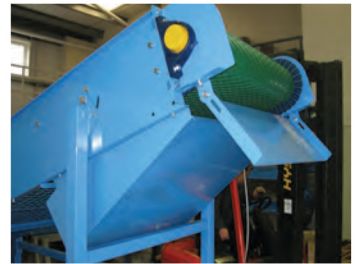


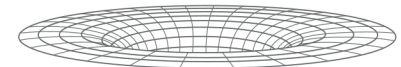
# MAGNAPOWER



magnetic processing technology

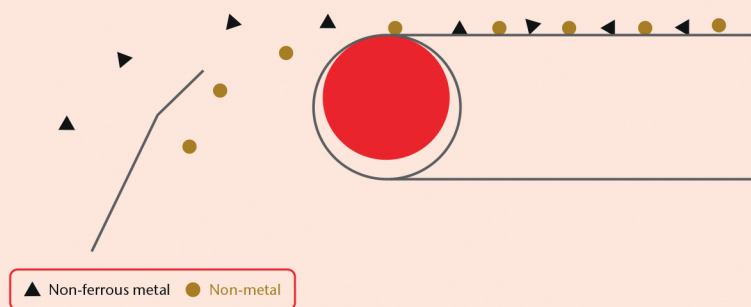
## Metal Separation Equipment





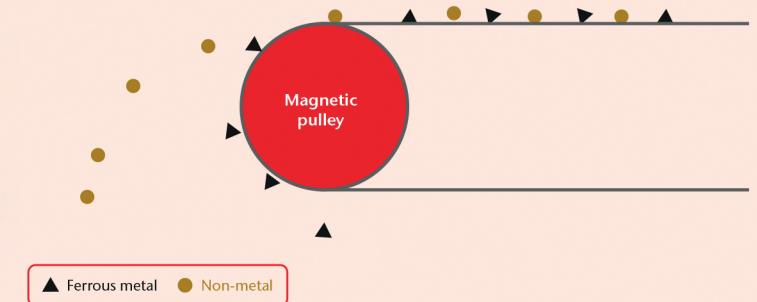
### Eddy Current Separators

- High performance **eccentric** rotor achieves maximum non-ferrous metal separation
- More metal recovered, cleaner metal recovered. We will show this with a small test of your material at our works
- Easy access doors for simple maintenance
- Maximum reliability with dynamically balanced **eccentric** rotor – minimal ferrous wear
- Creating and leading the industry standard



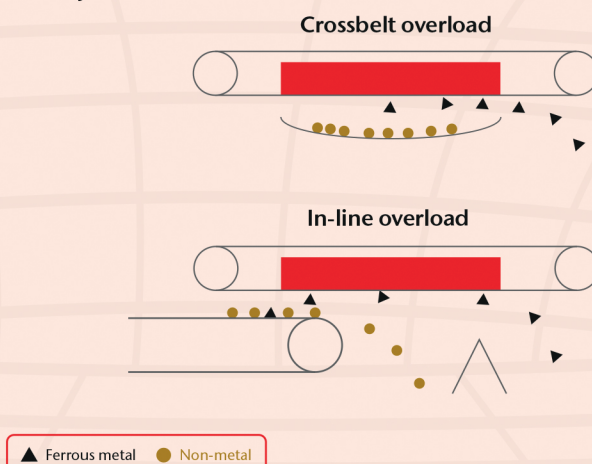
### Magnetic Head Pulleys

- Manufactured to your size and shaft specification. This means it can be a direct replacement for your existing pulley with minimal interruption
- 360 degree high intensity magnet system
- Deep field alternating magnetic poles
- Removable shaft available which is important in case of shaft damage
- Crowning and rubber lagging available



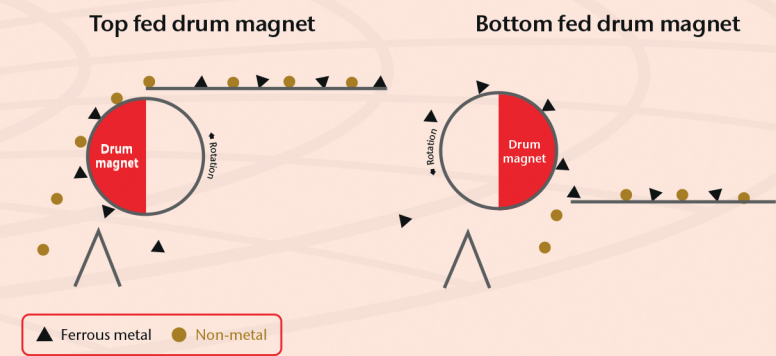
### Overband Magnets

- Deep field, high intensity magnet systems for cleaner ferrous metal removal
- Permanent Magnet Systems to reduce running costs
- Side guards or full mesh guards to suit your requirements
- High quality components throughout for maximum reliability
- Crossbelt or In-Line magnet arrangements



### Drum Magnets

- Deep field, high intensity magnet systems for cleaner ferrous metal removal
- Alternating or continuous magnetic poles to suit your application
- Wear resistant to minimise maintenance
- Permanent Magnet Systems to reduce running costs
- Combined with ECS unit for ferrous protection if required



## The Magnapower Group

Magnapower Equipment Limited was formed in 1992 and has been supplying magnetic separation equipment to a wide variety of industries including recycling, metals recovery, food processing and mineral processing. We continue to be at the forefront of worldwide metal separation technology and pride ourselves on pioneering developments, efficient design and manufacture.

Our commitment is to provide each customer with a separation solution that is efficient, cost effective and reliable. Our after sales service is first rate and we are always available to discuss your existing separation equipment and any future requirements.

### Precise Selection

We work closely with each customer to be certain that you get the best separator to suit your requirements. This involves careful consideration of material, throughput and working conditions. Our comprehensive application knowledge will ensure that the right machine and ancillary equipment is offered for optimum metal separation and recovery.

### Maximise Metal Recovery

All magnet systems are designed to give maximum magnetic force and separation performance (metal recovery) with either an alternating or continuous pole design depending on the application. All permanent magnet systems are from guaranteed non-deteriorating material either Standard Strength Magnets or High Intensity Rare Earth Magnets. We also provide a comprehensive range of deep field Electro Magnets typically used for drum magnets in fragmentiser plants and deep field overband magnets. A high permeability iron circuit is provided to minimise stray magnetic fields into surrounding frame-works and moving parts thus reducing maintenance.

### Optimise Throughput

We provide separation equipment with deep field magnet fields to penetrate through the product burden and remove the maximum amount of metals. Combined with optimum belt speeds and a wide range of widths allows for a maximum throughput of material to be separated efficiently.

### Minimise Maintenance

We consider the long term performance and efficient operation to be paramount in machine design. All our equipment is designed to minimise maintenance in the most arduous working conditions.

### Test Facility

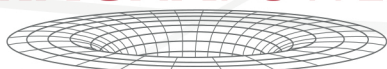
We have a test facility available for you to see what you can achieve from our separation equipment. Please send us a sample of your material and we will process and return it for your analysis.

### Typical Applications include:

- Automobile shredder residue
- Wood waste processing
- Glass cullet recycling
- Fragmentiser metal separation & recovery
- MSW metal recovery
- Aluminium recycling
- Incinerator bottom ash metal recovery
- Kerbside collection separation
- Fridge recycling plant metal recovery
- Tyre wire separation



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