

CONVEYOR LINE APPLICATIONS – MAGNETS OVER THE BELT

PERMANENT & ELECTROMAGNET SUSPENDED OVERHEAD SEPARATORS

SUSPENDED MAGNETS

Designed for separation of ferrous metal from a variety of over-the-belt conveyor applications. Proven in industries such as Mining, Aggregate, Recycling, Tire Shredding, Foundry, Wood Chip, Pulp & Paper, Power Generation, Construction and Demolition.

- » Protect vital processing equipment from ferrous metal damage
- » Improve product purity and quality for high volume belt conveyed products
- » Deep reaching magnetic circuits supply superior separation capabilities
- » Use prior to a metal detector to achieve maximum separation
- » Reclaims valuable ferrous metal
- » Reduce product liability

Self-Cleaning Permanent Magnets (SMS)

The SMS magnets offer optimum operating efficiency with a continuous cleaning belt to keep the magnet face free of collected metal. The powerful, deep reaching magnetic circuit pulls metal to the face of the magnet where the cleaned belt can remove the metal off the end of the magnet and out of the product flow. The compact design of the SMS makes it ideal for use on portable size reduction equipment.

Suspended Electromagnets (SEMO)

These powerful electromagnets are designed to deliver peak ferrous metal separation performance. The deep reaching magnetic field is ideal for applications that require increased suspension heights for the magnet or that have a deep product burden. Self-Cleaning upgrade packages are available.

Manual Clean Permanent Magnets (SPMC)

These magnets are a good economical solution for applications that require a magnet for equipment protection, but don't encounter enough ferrous metal in their product flow to justify a self-cleaning magnet. Cleaning Options: Swiper Bar, Side Pull Slider in either Manual Pull or Crank.



Self-Cleaning Permanent Magnets



Manual Clean Electromagnets



Self-Cleaning Electromagnets



Manual Clean SPMC Shown with Side Pull Slider

Permanent extension magnets discharge collected material further.



Optional protective guards prevent access to pinch points.



Find Suspended Overheads Online And Download Technical Sheets At...

<http://www.magnetics.com/tg/conveyor.asp>

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