

MARS™ BENEFITS & SAVINGS

Why suffer from metal detector belt stops and take chances with tramp metal if you don't have to?

Unlike a magnet, the **MARS™** removes **all types** of metal. Unlike a metal detector, the **MARS™** **automatically** removes the metal without stopping the belt (no downtime, no human error). In fact, the **MARS™** is so cost effective; it typically **pays for itself in less than a year**.

MARS™ BENEFITS;

- **Increased Productivity:** Produce the same amount of materials in less time. Just two belt stops a day can result in a **loss of over two weeks of production a year**. And tramp metal related equipment breakdowns can result in several hours or even days of downtime. Intermittent belt stops and unscheduled downtime can affect the rhythm and efficiency of the entire plant. The **MARS™** **eliminates metal detector belt stops and automatically protects expensive processing equipment from tramp metal**.
- **Increased Capacity:** More production, more sales, more profit. Since the **MARS™** eliminates the downtime associated with metal detector belt stops and equipment breakdowns, it gives the plant **more time to produce product**. Increased production means more sales and increased profit.
- **Prolonged Asset Life:** Protect processing equipment; increase the life of belts and motors. Tramp metal can cause significant damage to expensive processing equipment. Even though the equipment may be repaired, it may not perform as well or last as long. Unlike magnets, the **MARS™** removes **all types** of metal. Unlike metal detectors, the **MARS™** removes the metal **automatically**, eliminating human error.

In addition, metal detector belt stops/starts stress belts and motors, especially when belts are loaded with material. The **MARS™** eliminates these belt stops/starts, prolonging the life of belts and motors.

MARS™ BENEFITS;

- **Reduced Maintenance Costs: Eliminate tramp metal related breakdowns and repairs.** Tramp metal related breakdowns can be expensive, including the costs associated with labour, replacement parts, auxiliary equipment, etc. Because the **MARS™** automatically removes all types of metal, it **protects expensive equipment from tramp metal that magnets and employees may miss.**
- **Improved Quality: Improve product consistency, tighten specifications, and reduce waste.** Even without a breakdown, tramp metal can affect the alignment and performance of processing equipment, resulting in off-sized production. Unlike magnets, the **MARS™** removes **all types** of metal. Unlike metal detectors, the **MARS™** removes the metal **automatically**, eliminating human error.
- **Improved Service: Eliminate equipment breakdowns, improve plant reliability.** Metal related equipment breakdowns and repairs result in unscheduled downtime, potentially affecting the plant's ability to service its customers as promised. Because the **MARS™** automatically removes all types of metal, it **protects expensive equipment from tramp metal that magnets and employees may miss.**
- **Improved Safety: Reduce potential for injury. Injuries can occur when employees manually remove metal from conveyor belts, especially during inclement weather (rain, snow, poor visibility, etc.).** Regulators have also voiced concerns about this practice, especially regarding lock-out/tag-out procedures. Injuries can also occur during the repair of equipment damaged by tramp metal. Once again, because the **MARS™** automatically removes tramp metal, it reduces the risk of injuries, workman's comp and fines.

Improved Plant Performance: Reduce costs and increase profits. All the benefits of the **MARS™** described above reduce plant operating costs, resulting in savings that flow directly to your bottom line!