

Eriez® Products Help Landmark Plastic Go “Green”

For Landmark Plastic Corporation of Akron, Ohio, one of the country's foremost providers of thermoformed and injection molded plant packaging systems, the push toward “greener” practices means using more plastic scrap to produce new pots from recycled material. Landmark takes in millions of pounds of someone else's scrap every month. This scrap is contaminated with dirt and both ferrous and nonferrous metal. Previously, Landmark used basic magnets to remove ferrous contamination, but the nonferrous metal damaged their machines and molds. Now, Landmark utilizes a variety of high-powered Eriez equipment to eliminate contamination. Scrap plastic entering the Landmark facility is run through an Eriez **Screen Separator** to separate the fine plastic dust and dirt from the scrap plastic. The scrap then passes through an **Easy-to-Clean Magnetic Grate in Housing** equipped with Eriez' most powerful **Xtreme™ Rare Earth Magnets** to remove any ferrous contamination. Finally, a pass through an **E-Z Tec® DSP Low Profile Vertical Reject Metal Detector** helps the company remove the nonferrous metals. With the Eriez equipment in place, contamination is a thing of the past.

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Eriez E-Z Tec® DSP Low Profile Vertical Reject Metal Detector

ProGrade™ Magnetic Separators

Eriez' series of ProGrade™ Magnetic Assemblies offer a solution for every process application. Whether you need a low cost plate magnet for equipment protection or a high power, easy to clean grate magnet to ensure process purity, ProGrade gives you the best for less. ProGrade is available in three series levels: Ceramic, Rare Earth and Xtreme Rare Earth. Most ProGrade magnets are available for immediate shipment!



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PolyMag® Plastic Additives
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Sight Glass Magnets
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Have a question?
 send us an e-mail.

PolyMag® Process

Eriez' PolyMag® Process can dramatically cut the cost of recycling mixed resin plastics. The PolyMag Process renders the plastic resin magnetically susceptible with an additive in a process similar to adding color concentrate. The quantity of the magnetic additive is extremely small and does not affect the physical properties of the plastic. PolyMag Magnetic Separators may be used to sort various types and/or colors of plastics. In fact, the PolyMag process can be used to separate more than two components by using a different amount of magnetic additive for each. Click [HERE](#) to watch a video and learn more about PolyMag.



Aftermarket RE Drawer Magnets

Eriez' powerful Rare Earth Aftermarket Grates simply slide into most existing drawer magnet housings, immediately improving separation performance and your bottom line. Installation time is less than five minutes. Four sizes are available and they can even be used with mild steel housings. Eriez aftermarket Rare Earth drawer magnet assembly will improve your profitability by preventing costly defects, plugged valve gates, machine damage and downtime.



Rare Earth Roll Separators

Concentrated, high-intensity permanent magnetic fields combine with the force of gravity and controlled feeding to remove weakly magnetic materials. Rare Earth Rolls have been able to remove ferrous dust, 300 series stainless steel (work hardened) chrome plated plastic regrind and certain sized aluminum flakes. These powerful separators are available in one, two and three roll designs with roll widths ranging from 10 inch to 60 inch.



Plastics Industry Literature

Eriez' brochure, *Equipment for the Plastics and Rubber Industry*, features the wide array of Eriez equipment designed to help the industry solve unique application challenges. To download this or any other Eriez literature in PDF format, click [HERE](#).