



# GLOBAL SOLUTIONS



## NEWS RELEASE

*For Immediate Release*  
**News for the Plastics and Rubber Industry**

*Contact:* Ed Stevens, Stevens Strategic Communications  
[estevens@stevensstrategic.com](mailto:estevens@stevensstrategic.com)

John Blich, Eriez  
[jblich@eriez.com](mailto:jblich@eriez.com)

### **Eriez® PolyMag® Process Enables Simple and Cost Effective Separation and Recovery of Mixed Plastic Materials**



Erie, PA---Segregating and recovering dissimilar resins has been an ongoing challenge for the industry. The Eriez® [PolyMag® Process](#) provides multi-material processors a low cost, effective and automated solution to recover manufacturing scrap and waste.

The PolyMag Process renders the plastic resin magnetic with an additive (high-concentration pellets) in a process similar to adding color concentrate. The additive makes the resin susceptible to the powerful magnetic field produced by the PolyMag Rare Earth Roll Separator. Scrap parts are run through a traditional granulator and the PolyMag Separator can then separate the mixed polymer regrind.

The quantity of the magnetic additive is extremely small and does not affect the physical properties of the plastic. PolyMag Separators can successfully sort various types and/or colors of plastics. It can even separate more than two components by using a different amount of magnetic additive for each.

John Collins, Eriez Plastics and PolyMag Market Manager, explains, “Before the introduction of the PolyMag Process, companies making parts with co-molded materials were faced with two less than favorable options: incur the costs of disposal and lose valuable resins or take on the added expense required to manually try and separate different plastics.” He adds, “Manual separation often involves band saws, razor knives and peeling which create employee safety risks.”

For more information, visit <http://www.eriez.com/Products/PolyMagProcess/>.

Eriez is recognized as world authority in separation technologies. The company’s magnetic lift and separation, metal detection, materials feeding, screening, conveying and controlling equipment have application in the process, metalworking, packaging, plastics, rubber, recycling, mining, aggregate and textile industries. Eriez manufactures and markets these products through 12 international facilities located on six continents. For more information, call toll-free (888) 300-ERIEZ (3743) within the U.S. and Canada. For online users, visit [www.eriez.com](http://www.eriez.com) or send email to [eriez@eriez.com](mailto:eriez@eriez.com). Eriez World Headquarters is located at 2200 Asbury Road, Erie, PA 16506

###