



# ORANGEREPORT

PLASTICS INDUSTRY

## Eriez® Makes it Easier for Plastics Producer to Go “Green” with Recycled Plastic



SCREEN SEPARATOR



GRATE IN HOUSING



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

### Problem:

[Landmark Plastic Corp.](#), of Akron, Ohio, one of the country's foremost providers of thermoformed and injection molded plant packaging systems, in an effort to be “green”, takes in millions of pounds of plastic scrap each month to be used to produce new pots. More scrap means there are more contaminants that must be removed. Previously, Landmark used simple magnets to pull out all the ferrous contamination, but the nonferrous metal was wreaking havoc. It ruined the screw tips and barrels, causing costly equipment repairs and downtime to the company's injection molding machines.

### Solution:

To ensure the good quality of the recycled pots, Landmark upgraded to equipment from Eriez to detect and separate ferrous and nonferrous contamination. The scrap plastic entering the facility is run through an [Eriez Screen Separator](#) to separate the fine plastic dust from the scrap plastic. The scrap then passes through an Easy-to-Clean Magnetic [Grate in Housing](#) with Eriez' most powerful **Xtreme™** Rare Earth (RE) Magnets to remove any ferrous contamination. Finally, it passes through an [E-Z Tec® DSP Low Profile Vertical Reject Metal Detector](#).

Note: Some safety warning labels or guarding may have been removed before photographing this equipment.

Eriez and Eriez Magnetics are registered trademarks of Eriez Manufacturing Co., Erie, PA  
©2011 Eriez Manufacturing Co. • All Rights Reserved

### Result:

Landmark is increasing its use of scrap plastic every day. Besides the reduced impact on the environment, this practice also positively impacts Landmark's bottom line because of the lower cost of scrap plastic over virgin plastic. Equipment from Eriez helps Landmark remain “green”, profitable and free of contamination.

FOLLOW US ON THE WEB



Web Site: <http://www.eriez.com> | e-mail: [eriez@eriez.com](mailto:eriez@eriez.com)

Telephone 814/835-6000 • 800/345-4946 • Fax 814/838-4960 • International Fax 814/833-3348  
HEADQUARTERS: 2200 Asbury Road, Erie, PA 16506-1440 U.S.A.

MANUFACTURING : Australia • Brazil • Canada • China • India • Japan • Mexico • South Africa • United Kingdom • United States

World Authority in Advanced Technology for Magnetic, Vibratory and Inspection Applications