



# ORANGE REPORT

FOOD PROCESSING

## **Eriez® E-Z Tec® DSP Metal Detector Provides another Margin of Safety for Boxed Pecans at Stone Mountain Pecan**



E-Z Tec® DSP Metal Detector

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

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### **Problem:**

[Stone Mountain Pecan](#) has based its reputation on bringing quality pecan products to market and, in so doing, taking measured steps to ensure product purity before shipment. The company processes the inshell pecans and sells the nut meats. Before the pecans are placed into boxes, personnel visually inspects them for signs of metal contaminants. They also use a series of magnets to remove any ferrous metals. Once the inspection is complete, the pecans are placed into 30 pound boxes, ready for shipment. Although Stone Mountain has never had a problem detecting metal visually, they wanted to add another margin of safety.

### **Solution:**

Stone Mountain Pecan invested in an Eriez® [E-Z Tec® DSP Metal Detector](#). Now, before the boxes full of pecan nut meat are shipped to customers, they are passed through the E-Z Tec Metal Detector. The cartons, which measure 9" H x 13 1/4" W x 16 3/4" L, move through the 11" H x 16" W metal detector aperture, which is mounted on a 14" W x 60" OAL plastic chain-style belt conveyor.

### **Result:**

The Eriez E-Z Tec DSP Metal Detector ensures product purity for Stone Mountain Pecan by detecting any stray metal that might not be picked up visually. Now, when the pecans leave the processing plant, Stone Mountain can be certain they are contaminant-free.

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**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.

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