



ORANGEREPORT

SOLUTIONS FOR PROCESSING INDUSTRY

Eriez® Magnetic Expertise Aids in Producing High Quality Potting Soil



7000 SERIES SUSPENDED ELECTROMAGNET

Problem:

To produce high quality soil for its large customer-base, [Florida Potting Soil \(FPS\)](#) adds wood and wood by-products to act as specialized nutrients and moisture absorbents. The wood consists mainly of hardwood fines, other wood fiber, pine bark and cypress sawdust. Other undesirable elements that are mixed in with the wood when it arrives to FPS sometimes include nails, razor blades, metal splinters, logging chains, chain saw chains and sprockets, just to name a few. One method FPS customers use to pot their plants is sophisticated, high technology, delicate machinery that pots automatically. Any metal contamination could cause severe damage to these devices. Besides safeguarding equipment, protecting nursery employees from potential injury from metal pieces is even more important.

Solution:

To protect their product's purity, their equipment and their customers' machinery and personnel, FPS purchased an [Eriez® Model SE 7338 Manual Cleaning Suspended Electromagnet](#). FPS runs a 42-inch wide belt that conveys five inches deep of potting soil under the magnet at a rate of 400 yards per hour. Yearly, that is more than 700,000 yards of soil. The SE 7338 is part of EriezXpress inventory and immediately available from stock.

Result:

The investment has paid off; since FPS installed the Eriez magnet, metal contamination has been virtually eliminated. The Eriez Suspended Electromagnet helps FPS maintain its high purity standards.

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
©2010 ERIEZ MANUFACTURING CO • All Rights Reserved

FOLLOW US ON THE WEB



Web Site: <http://www.eriez.com> | e-mail: eriez@eriez.com

Telephone 814/835-6000 • 800/345-4946 • Fax 814/838-4960 • International Fax 814/833-3348

HEADQUARTERS: 2200 Asbury Road, P.O. Box 10608, Erie, PA 16514-0608 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