



ORANGEREPORT

PROCESSING INDUSTRY

Cornstarch Bulk Shipper Makes High Purity a High Priority



ERIEZ DEEP REACH PERMANENT MAGNETIC SEPARATOR

Problem:

Southern Bulk Industries (SBI) packages and ships bulk, processed starch made from corn flour to its customer base, re-sellers of the starch in Japan. SBI exclusively ships hydroxyethylated dent corn starch, which is specifically manufactured for the newsprint and paper industry. It acts as both a stiffener and bulking agent in the manufacture of newsprint. During processing, there always exists the potential for tramp metal contamination.

Solution:

SBI uses heavy-duty filling and weighing systems for bulk bags. As the starch moves into metric ton sacks, it passes through an Eriez [Deep Reach Permanent Magnetic Separator](#) to protect against ferrous contamination. Material that may bridge or choke when processed in high volumes through magnetic grates are easily handled by Deep Reach's open-throat design. The magnet features two quick-access doors that allow fast cleaning of the magnet face from either side.

Result:

Thanks to its innovative design, SBI operators can quickly clean the Deep Reach Permanent Magnetic Separator every shift. The Deep Reach enables SBI to deliver a high purity product to its customers, while keeping production moving.

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