

# Shamrock Systems Increases Capacity in Product Packaging

## About:

**Equipment Vendor:** Coperion K-Tron

**Industry:** Feed & Grain

**Product:** Plant Food

## Customer Challenge(s):

The client needed an accurate and efficient way to prepare one-ton bulk bags of plant food for final packaging. Previously, the client had been hand-loading a hopper to maintain the proper levels in the packaging machines.

## Customer Comment:

The vacuum conveyor solution has exceeded expectations, increasing production rates with little operator intervention to keep the system running.

## Vendor Solution

Coperion K-Tron designed a vacuum conveying solution for the client. A state-of-the-art controller was installed to maintain the levels in the two filling machines.

A vacuum receiver with cartridge filtration was then added to reduce dust in the area where the operators work. Additionally, an automated feed system was included to control how the product was fed into the vacuum system.

