

# Sweco and Shamrock Systems Resolve Customer Classification Problems

## About:

**Equipment Vendor:** Sweco

**Industry:** Food, beverage, consumer, and industrial products

**Product:** Additive Fine Powders

## Vendor Solution:

With the collaboration of Shamrock Systems and Sweco, we designed vibratory separation equipment intended for complex materials with special high motor RPMs, polished stainless steel contact parts, and self-cleaning kits. Utilizing a high flow, sloped scalping pans for some products enabled the product to discharge quickly after passing through the screens. For another grade of product, Sweco utilized an ultrasonic separator. The ultrasonic unit adds increased energy and intensity to the screen allowing for hard-to-screen, light, and fine particles to pass more easily. The wide range of screening and separation products and experience from Sweco made the screening process of these difficult ingredients more efficient.

## Customer Challenge(s):

The customer had difficulty screening products for the classification of different ingredients. The products are light, fluidizable, and can blind/coat screens quickly. With multiple grades of these products, it becomes difficult to use one piece of equipment to handle all the different characteristics of these products.

