



ORANGEREPORT

FOOD INDUSTRY

Eriez® Vibratory Feeder Combined with MPE's Roller Mill Gran-U-Lizer Produces High Yield Tea and Coffee Flavoring for VDV Spice Corporation



MPE/ERIEZ SYSTEM



ERIEZ MODEL 48A FEEDER

Problem:

[Van de Vries Spice Corporation \(VDV\)](#), offers an extensive line of finely granulated tea and coffee flavorings, produced from a variety of raw ingredients, and sells them to customers who blend the flavorings into their tea bags and coffee products. Transforming these ingredients into usable product takes equipment that properly feeds the different raw material and reduces it to a precise particle size. VDV was experiencing drastically lower margins on its flavored tea and coffee product because of low yield using a hammermill. That meant they had to purchase more raw material to satisfy their product demand. Plus, the hammermill did not have the capability to produce a uniform particle size when it was fed with the different shapes and textures of the raw ingredients.

Solution:

VDV installed a [Modern Processing Equipment \(MPE\)](#) 800 Gran-U-Lizer that was custom fitted with a [Model 48A Vibratory Feeder drive from Eriez®](#). The 800 Gran-U-Lizer usually ships with a standard rotary feeder. However, the ingredients used by VDV were so varied that the Eriez Vibratory Feeder became a necessity. The Eriez Vibratory Feeder avoids a surge of material at once; it's a very consistent feed.

Result:

Since installing the MPE 800 Gran-U-Lizer with the Eriez Vibratory Feeder, VDV has increased its yield from 40 percent to 70-80 percent. The Eriez Feeder handles a large range of product and the Gran-U-Lizer gives VDV a uniform particle size. The result is significantly higher yields with less product going to waste.

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

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