

# SEPARATING TREE SEEDS



## Design Requirements

**Product Type:** Tree Seeds

**Material Density:** Variable

**Duty:** Continuous

**Model:** V-135 Gravity Separator

## Customer Challenge

A provincial government in Canada who owns a large percentage of land base, contacted Triple/S Dynamics looking to add two additional V-135 Gravity Separators with their existing line of Triple/S Gravity Separators to separate good, filled seeds from bad and partially filled or cracked seeds of various types of coniferous trees including pine, douglas-fir, spruce, and cedar.

## Triple/S Solution

Triple/S Dynamics provided the customer with two new V-135 Gravity Separators to separate the most dense seeds that are best for germination from unfilled or cracked seeds. The V-135 Model is the smallest of the various Gravity Separators. Capacity ranges from 150 to 500 pounds per hour of any dry, granular, free-flowing bulk material, depending upon the particle size, particle shape and bulk density of the mixture. Applications include cleaning or grading of nuts, grass seeds, tree seeds, cereal grains, flower and vegetable seeds, beans, peas, corn and other dry food products which makes the V-135 Gravity Separator a great fit for separating the most dense seeds for germination.

## Triple/S and the Customer

*The relationship with this customer dates back 35 years when they purchased their first V-135 Gravity Separator in 1986 and has since purchased four additional units in 1994, 2005, and 2020.*