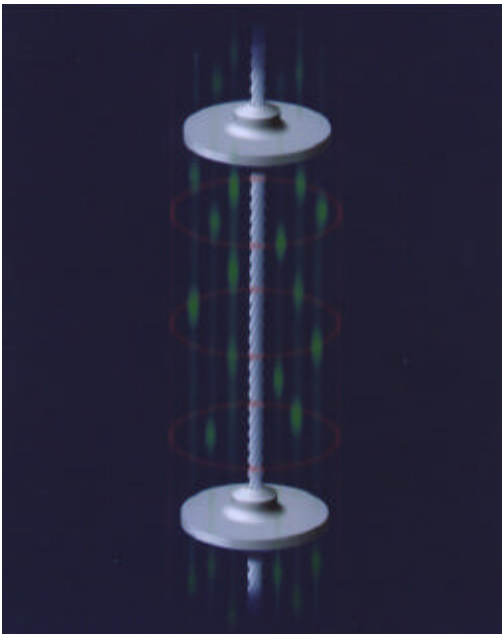


Spiroflow Aero Mechanical Conveyors Ideal for Dry Ice Expanded Tobacco (DIET)



Industry Requirements

When conveying Dry Ice Expanded Tobacco (DIET) the main requirement is to maintain very low levels of product degradation.

Tobacco companies also need a reliable and cost effective solution. Belt conveyors with multiple drop points can significantly increase degradation so they are less than ideal. With the correct conveying system in place, annual cost savings for reduced product degradation can amount to thousands of dollars.

Spiroflow can design a number of different aero mechanical conveyor configurations to suit DIET material. A complete systems can be custom designed to suit any facility.

Spiroflow Solution

Spiroflow Aero Mechanical Conveyors are ideal for DIET material. The tobacco is suspended between each disk, producing very low levels of degradation while maintaining reliable operation.

Once fluidized, material within the conveyor can be conveyed at a number of different angles and configurations including vertical. Energy requirements for the system are very low while conveyor components enjoy long life, reducing maintenance needs.

Conveying rates can vary from between 15 m³/hour to 30 m³/hour depending on the configuration used.

Aero mechanical conveyors are a low cost solution when compared to equivalent pneumatic systems that require dust collectors.