BAG DUMP TO LOAD MIXER

The Process

- ► Load bulk solid material with speed.
- ► Using speed gives the Floveyor its efficiency.
- ► Material is guided into the feed housing through a chute.
- ► The created draft pockets suspend the material.
- ► Material exits the Floveyor by centrifugal force.
- ► Draft pockets are created while the rope assembly travels at speed in the 'up' tube as well as in the 'return' tube.
- ► Draft pockets move the material 'up' while they 'return' displaced air.
- ► As material enters the feed housing, displaced air exits.

Upstream / Downstream Equipment

- √ A regulated feed of material into the feed chute.
- √ Proper destination equipment capacity to receive material.
- √ Material dustiness is a factor for destination equipment size.
- √ Maintain atmospheric conditions at both ends without the use of any forced pressure/vacuum air.
- √ Calculating material balances at both ends of the Floveyor with its connecting equipment is very useful.

Feeders for Blending

- ♣ Feeders offer a particular accuracy for each ingredient to achieve consistent material flows.
- ♣ Multiple Feeders, situated around the feed chute, feed their ingredients simultaneously.
- ♣ All material that is fed into the feed chute is taken away as it enters, and the output replicates the input.
- ♣ Powder blending occurs because of velocities and velocity gradients; thus, all material must be in motion for blending to occur. And, this is exactly what the Floveyor aeromechanical conveyor does.
- ♣ The output results in a blended powder that can be packaged immediately.

Quick Transfer

- o Move a quantity of material very quickly with such a small physical size machine.
- o Material is loaded into position in advance.
- o Minimal operator time for loading materials.
- o Operator safety in loading materials from the ground floor.
- o Get the material loaded, NOW!

Let FloAero Inc move your Powders, Flakes, and Granules to new heights!

Automated Load/Discharge of the Weigh Hopper Feeder