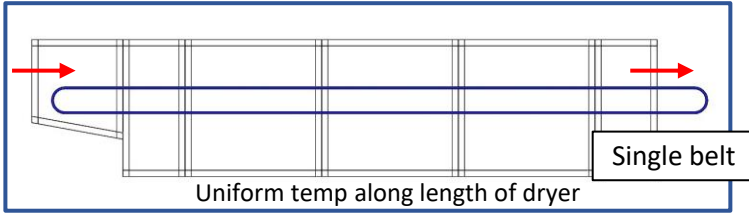


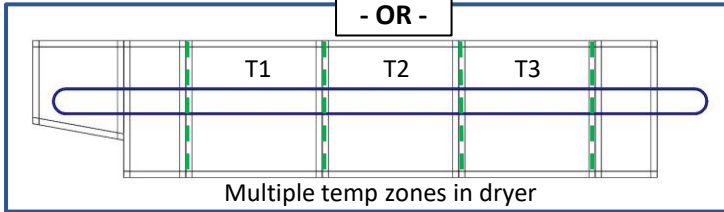


Dryer Types

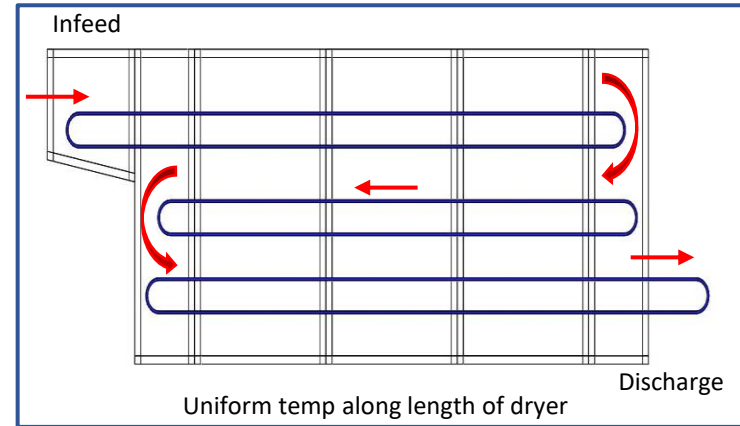
Single-Pass



- OR -

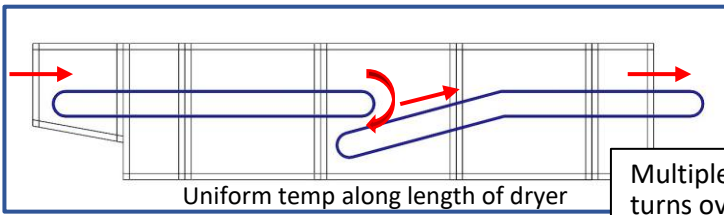


Multi-Pass (3-Pass Shown)

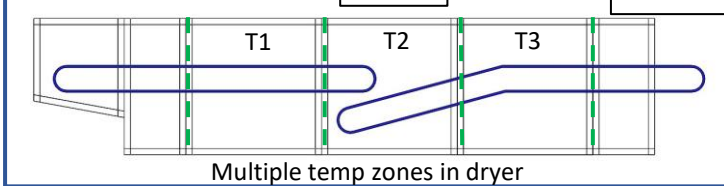


Single-Stage

Multi-Stage



- OR -



Multiple belts – turns over product for uniform drying

Multi-pass/stage dryers are possible but not common.

Contact Cresco Process Systems if these fit your product needs.



Dryer Types

- **Passes:** number of vertically stacked conveyors
 - Single-pass: one level of belting through the entire dryer
 - 3-pass: three separate belts stacked on top of each other (each belt travels opposite to previous belt)
 - Depending on application, up to 7 passes are generally available
- **Stages:** number of horizontally in-line conveyors
 - 2-stage: two separate belts placed one after each other (all belts travel in same direction)
- **Zones:** independently controlled temperature region (each stage can have multiple zones)
 - Can have different air flow patterns (air up or down through product)
 - Zones commonly alternate air flow within a section for more uniform drying
- **Section:** discrete frame weldment (entire dryer is made of many sections connected together)

The type of dryer selected often depends upon the specific application. For example, a multi-pass dryer may be used if plant floor space is limited. This allows a large conveyor surface area to fit in a smaller footprint.

If floor space is not an issue, a single pass dryer might be used. This also allows different temperature settings along the length of the dryer. These multiple temperature stages allow more control over the drying process.

Different airflow configurations (such as air up/down through the product) are also available depending on application.