

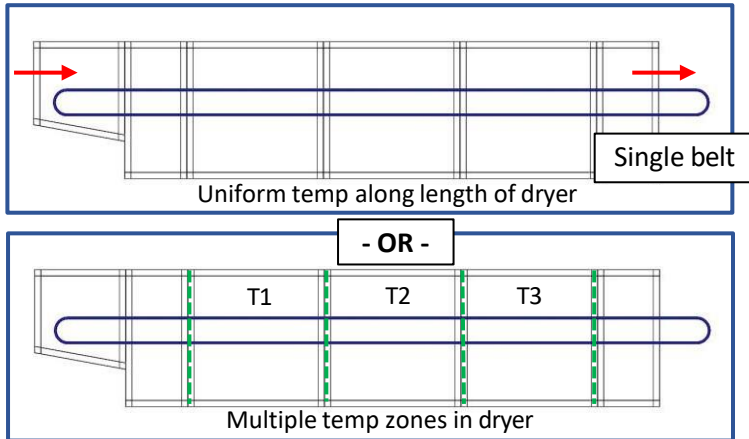


Dryer Types – Belt Drawings

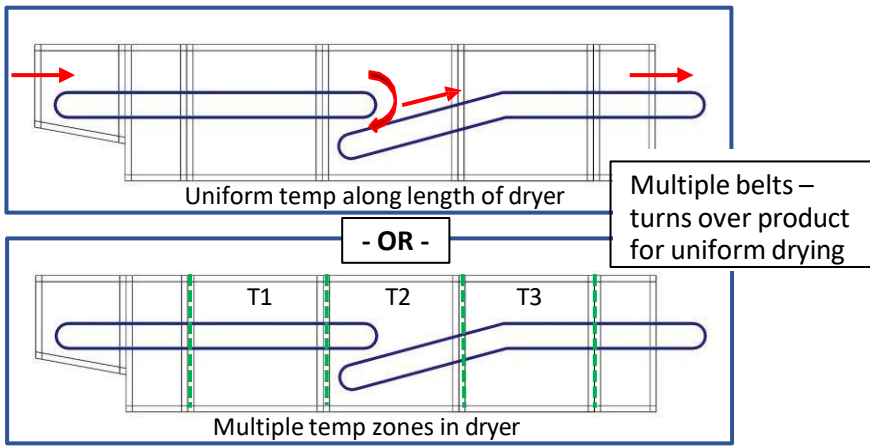
Cresco Process Systems

Single-Pass

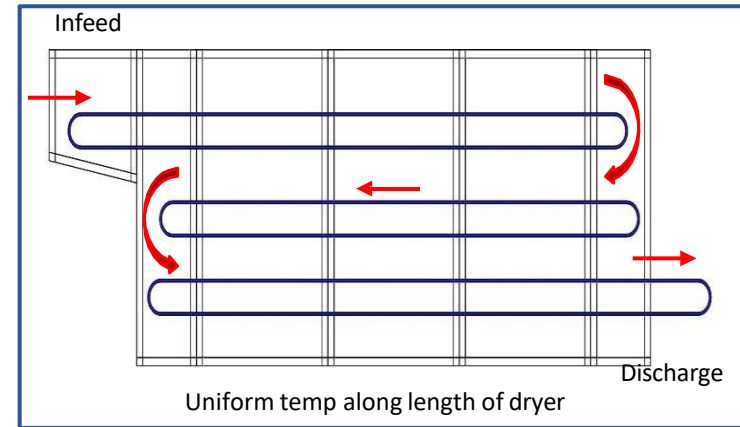
Single-Stage



Multi-Stage



Multi-Pass (3-Pass Shown)



Looking to elevate your food processing operations? From concept to completion, Cresco delivers quality, innovation, and performance you can count on.

Don't see your equipment needs? We offer custom designs and welcome the conversation to understand the project!

Contact [Cresco Process Systems](https://www.crescosystems.com)



Dryer Types - Details

- 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.

Contact [Cresco Process Systems](http://www.crescosystems.com)



Single Pass Dryer Example

Cresco Process Systems



Contact [Cresco Process Systems](http://www.crescosystems.com)

Cresco Process Systems
10501 Wayzata Blvd, Suite 104
Minnetonka, MN 55305

Phone: 952-545-0762
www.crescosystems.com
contact@crescosystems.com



Multi-Pass Dryer Examples

Cresco Process Systems



Contact [Cresco Process Systems](https://www.crescosystems.com)

Cresco Process Systems
10501 Wayzata Blvd, Suite 104
Minnetonka, MN 55305

Phone: 952-545-0762
www.crescosystems.com
contact@crescosystems.com