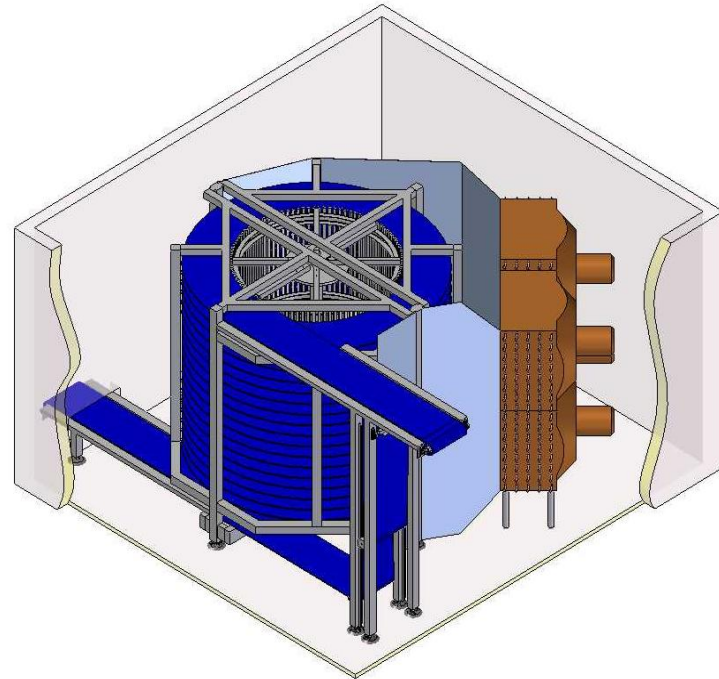


# FORM & FRYS ADVANCED SPIRAL TECHNOLOGY THE DIRECT DRIVE SYSTEM

## TECHNOLOGY

The patented Direct Drive System from Intralox advances spiral conveyance by eliminating the most common issues related to product migration, belt tensioning and sanitation.

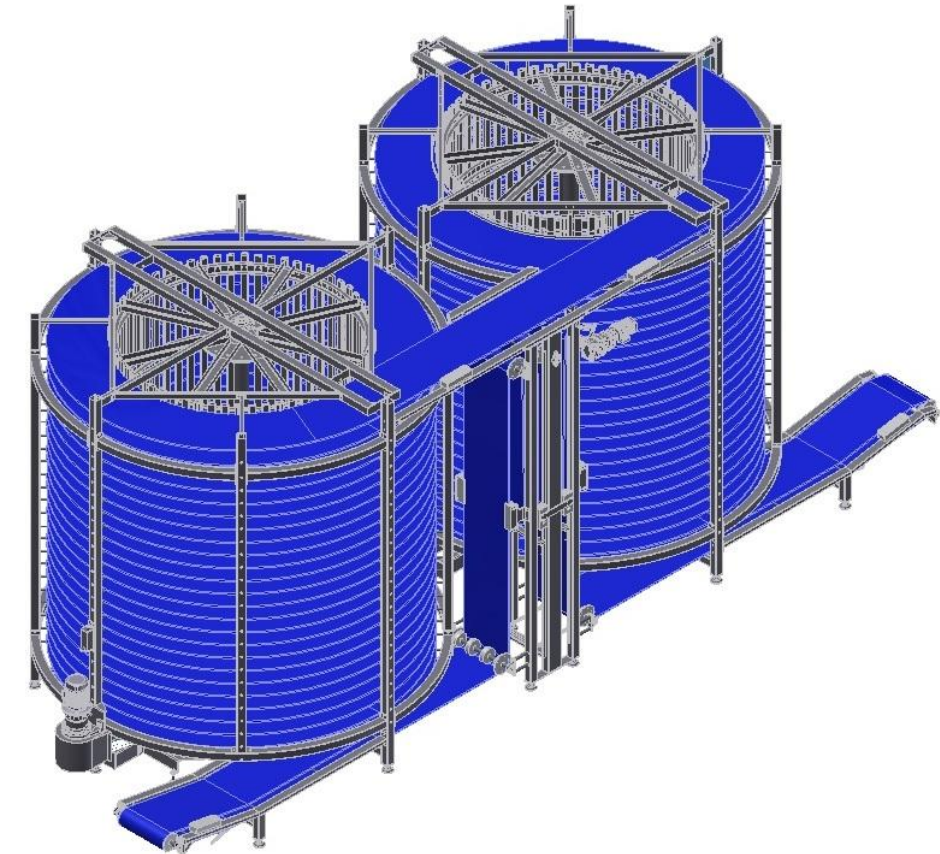
This new technology is ideal for applications where product orientation, belt life, and grease/oil buildup are concerns. Direct Drive simplifies spiral operation compared with conventional systems - overdrive and associated controls are no longer needed, while surging is eliminated.



**FREEZING SPIRAL SYSTEM**

## HOW DIRECT DRIVE TECHNOLOGY WORKS

The Direct Drive System eliminates overdrive, engaging the belt edge directly with the drum. The belt is therefore driven without drum-belt edge friction, and operates with **zero slip**.



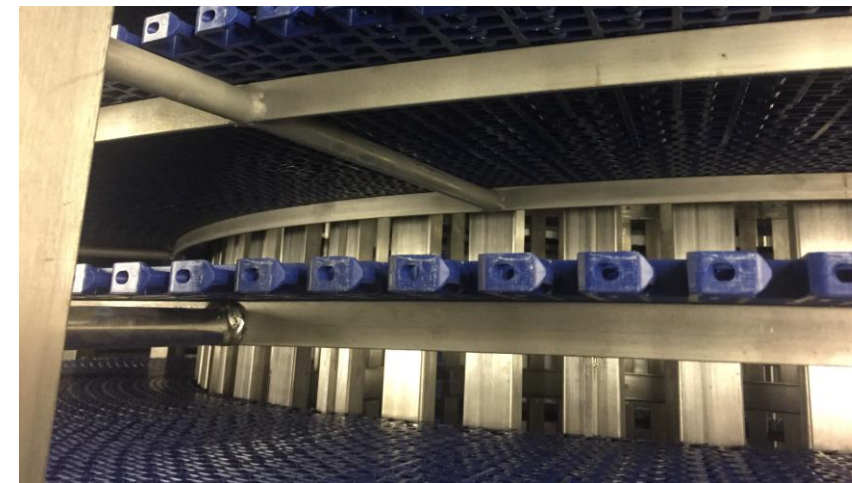
**PROOFING OR COOLING SPIRAL SYSTEM**



• **Elimination of product orientation issues:** Direct Drive minimizes jams, product migration, and complications that affect downstream processes.

• **Greater carrying capacity:** Due to the unique design, Direct Drive technology can carry heavier product loads.

**Reduced cleaning and maintenance costs:** Accumulated food residue on the drum does not impact system performance or efficiency. Sanitation manpower and costs are reduced. **No plastic wear strips on carryway**



**Simplified Controls:** Direct Drive eliminates the need for complicated operating controls and primary motors. Delays and lags during startup are eliminated, as is the need for friction inserts.

## THE DIRECT DRIVE SYSTEM

- » Ideal for applications where product orientation, belt life, grease/oil buildup are concerns
- » Eliminates overdrive, engaging the belt edge directly with the drum