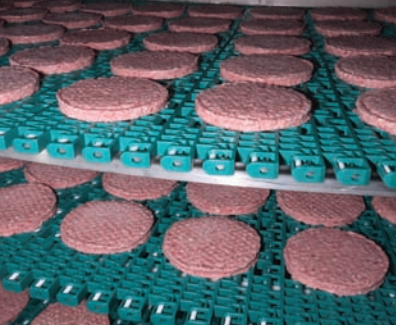





# Intralox Spiral Technologies: The **DirectDrive** System



Intralox is  
looking out  
for your spiral,  
24/7/365

**Spiral Optimization**, now with  
**Intralox Intelligence**, ensures your spiral  
always runs at peak performance, guaranteed  
to reduce your Total Cost of Ownership and  
improve Overall Equipment Effectiveness.



Ask your Intralox representative if this service is available in your area.  
Additional information at [intralox.com](http://intralox.com)



# Intralox Spiral Technologies: The **DirectDrive** System

## Intralox Advanced Spiral Technology:

The patented Direct Drive System 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.

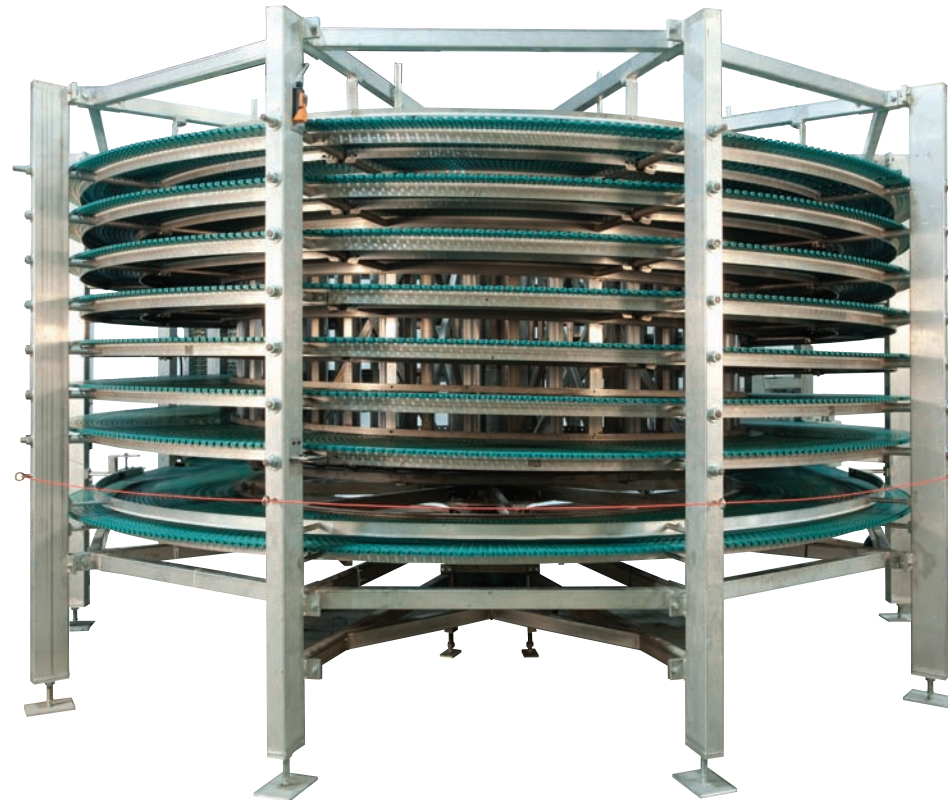
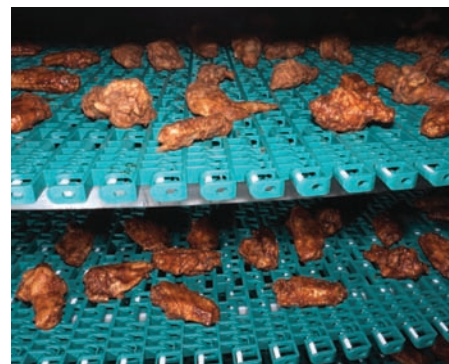
Direct Drive simplifies spiral operation compared with conventional systems - overdrive and associated controls are no longer needed, while surging is eliminated. ■

- **Elimination of product orientation issues:**

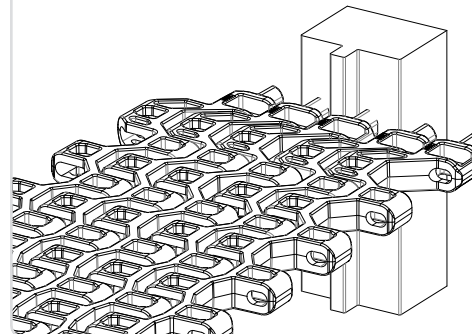
Direct Drive minimizes jams, product migration, and complications that affect downstream processes.

- **Greater carrying capacity:**

Due to the unique design, Direct Drive technology can carry heavier product loads.



## 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**.

- **Reduced cleaning costs:**

Accumulated food residue on the drum does not impact system performance or efficiency. Sanitation manpower and costs are reduced.



- **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.



## Installing Direct Drive Technology in your Plant:

The Intralox Direct Drive System can be retrofitted to an existing line through our **Spiral Optimization Program**.

New Direct Drive installations are available through Intralox-licensed Spiral OEMs. To learn more, please contact an Intralox Account Manager or Customer Service Representative.