



A Proud Member  
of the FPS Family



# SANITARY SPIRAL SOLUTIONS

Forging the Future of Food Processing  
Through Innovative and Hygienic Design

## WHO WE ARE

### *About CMP*

CMP is a proud member of the Food Process Solutions Corp. family (FPS). We design and manufacture hygienic solutions for food processing customers around the world and have been for over 60 years. The CMP head office is based just outside Charlottetown, PEI, Canada. We have over 25 engineers, 100,000 square feet (9300 m<sup>2</sup>) of manufacturing space, and a dedicated installation team to provide our global customers with food processing solutions.

## OUR VISION

### *Forging the Future of Food Processing Through Innovative and Hygienic Design*

Our focus on the food processing industry fosters expertise throughout our entire organization and across all of our teams. We listen to our customer's needs and work collaboratively to bring innovation and creative solutions to every project. We are truly forging the future of food processing through innovative and hygienic design.

## OUR MISSION

### *We Engineer Food Safety*

From our hygienic designs, to our material and component selections, from our engineers, to our welders and fabricators, from our project managers, to our installation teams; our food processing equipment is designed with one focus – to deliver innovative food processing solutions for safe food production. We Engineer Food Safety.





## OVERVIEW

Offering the latest in direct food contact washdown ready spiral technologies, CMP designs and manufactures both Direct Drive Spirals and Side Drive Technology Spirals. Application solutions include hygienic elevators and lowerators transferring to and from spiral systems, freezers, long running conveyors that eliminate transfer points, and non-traditional spiral configurations that overcome layout challenges. Backed by our parent company FPS, the industry leader for spiral innovation and hygienic standards, and Intralox, the global giant in belting known for their service, technology, and accountability, CMP delivers innovative food processing spiral solutions for the food processing industry.

# PRODUCT HIGHLIGHT

## CMP DIRECT DRIVE™ SPIRALS

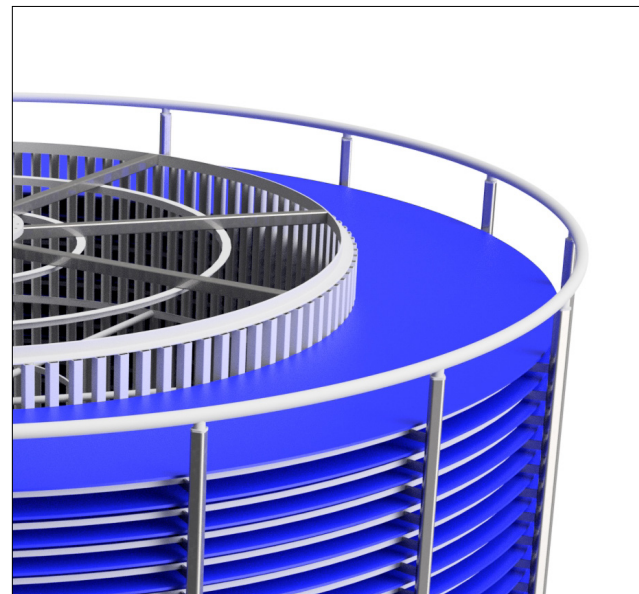


### SIMPLIFYING YOUR BUSINESS

IMPROVE EFFICIENCY	REDUCE TOTAL COST OF OWNERSHIP	RECEIVE RELIABLE CONSISTENT PERFORMANCE
<ul style="list-style-type: none"><li>• Eliminate product orientation issues due to overdrive and keep your product damage free</li><li>• Dramatically reduce unscheduled down time from belt damage and failures</li><li>• Increase product load capacity for maximum throughput</li></ul>	<ul style="list-style-type: none"><li>• Decrease maintenance and cleaning costs while maximizing production time</li><li>• Increase belt life due to reduced belt tension</li></ul>	<ul style="list-style-type: none"><li>• Ideal for your most challenging product applications</li></ul>

### TECHNOLOGY LIKE THIS ISN'T A LUXURY. IT'S A NECESSITY.

The performance of your spiral for cooling, freezing, or proofing predicts your product quality and line throughput. That performance is what we call Mission Critical. Intralox's groundbreaking DirectDrive System™ (DDS™) eliminates overdrive and makes operation of your mission critical equipment reliably smooth, and performs without interruption. The key to this performance is the patented operating system, which engages the belt edge directly with the drum. This spiral system simplifies operations by significantly reducing tension and operating with zero slip.



# CMP DIRECT DRIVE™ SPIRALS



## PRODUCT HIGHLIGHTS

Using the FPS patented technology and Intralox's patented ground-breaking DirectDrive™ System, the CMP Direct Drive Spiral ensures smooth and reliable spiral performance by eliminating overdrive and performing without interruption. A strong and lightweight solution, it offers significant advantages over metal spirals and traditional friction-driven systems.

- Fully washdown capable
- Improved production
- Reduced maintenance
- Simplified sanitation
- Maximum reliability
- Optimal product alignment
- Reduced total cost of ownership



# PRODUCT HIGHLIGHT

## INTRALOX SIDE DRIVE



### FLEXIBLE DESIGN AND FEWER TRANSFERS WITH SIDE DRIVE TECHNOLOGY

The flexibility and easy maintenance of the Intralox® Side Drive technology enable unique configurations and eliminate transfers between equipment, all while being fully washdown capable. Fewer transfers means substantially reduced product damage and loss.

ELEVATORS AND LOWERATORS	LONG RUNNING CONVEYORS	NON-TRADITIONAL SPIRAL CONFIGURATIONS
<ul style="list-style-type: none"> <li>• Change elevation in the smallest possible footprint and in the most economical way</li> <li>• Positive drive lowers belt tension</li> <li>• Driven under low tension</li> <li>• Achieve hygienic design with a fully washdown capable solution</li> <li>• Improve overall product quality</li> <li>• Eliminate need for belt greasing and lubricating</li> <li>• Avoid costly wear components</li> </ul>	<ul style="list-style-type: none"> <li>• Build infinitely long A-to-B conveyors with clockwise and counterclockwise turns</li> <li>• Remove transfers between equipment</li> <li>• One of the largest bakeries removed 14 transfers by utilizing Side Drive technology</li> </ul>	<ul style="list-style-type: none"> <li>• Design flexibility that overcomes layout challenges</li> <li>• In-low, out-low</li> <li>• Racetracks</li> <li>• Build around a column or equipment</li> <li>• Two belts allow different product retention times</li> <li>• Large take-up assembly not required</li> </ul>

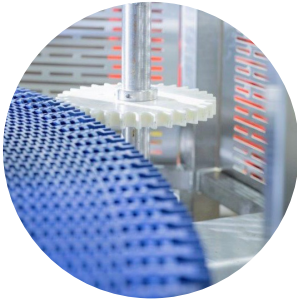
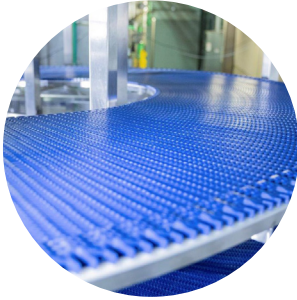
Side Drive technology allows sprockets to drive the belt from the edge at one or more points, using one or more drive motors.

### STATE-OF-THE-ART BENEFITS

- Fully washdown capable
- Accommodates infinitely long belting
- Minimizes transfer points
- Increases efficiency
- Increases belt life
- Improves product quality and yield
- Backed by Intralox guarantees and service

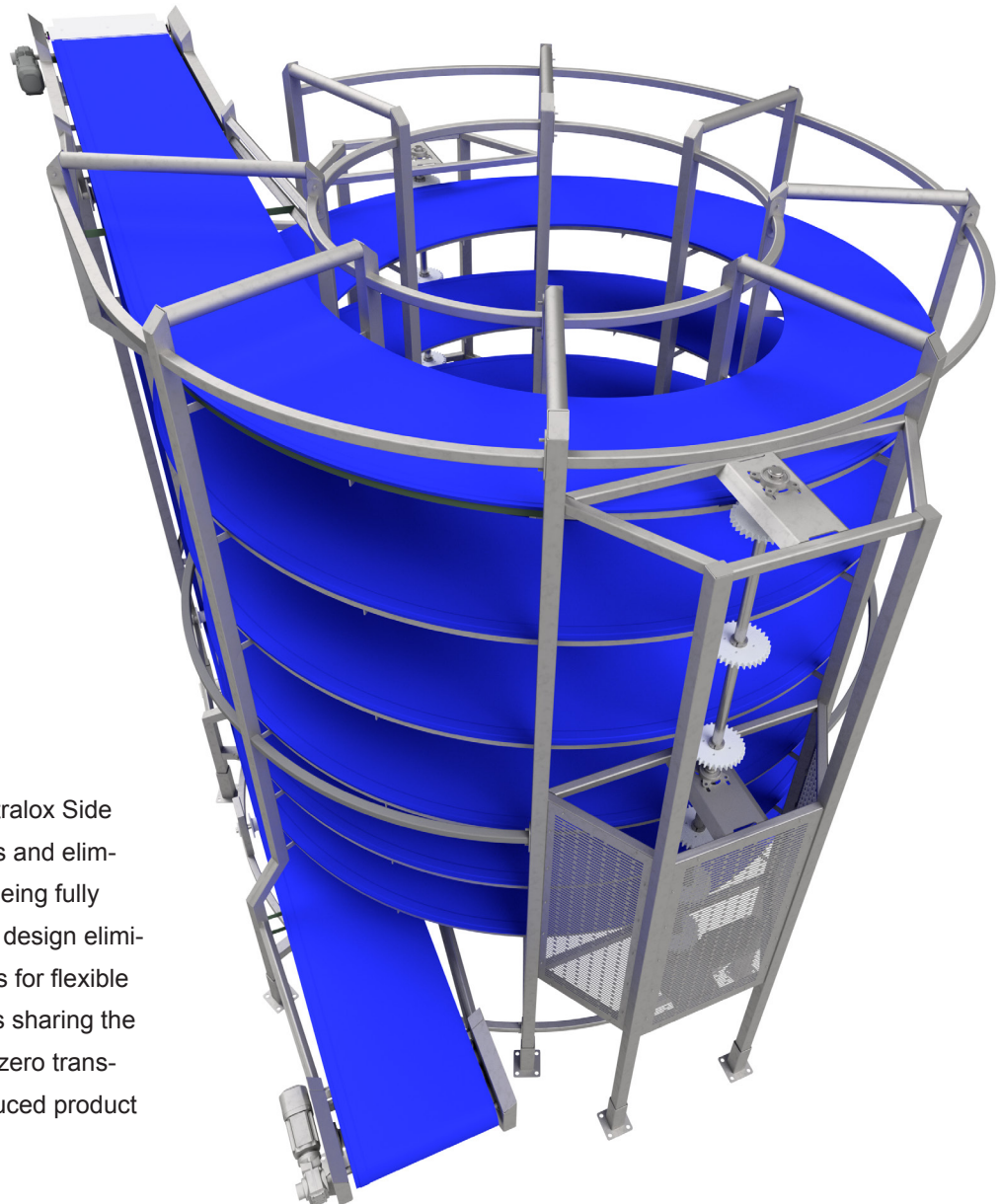


# SIDE DRIVE SPIRALS

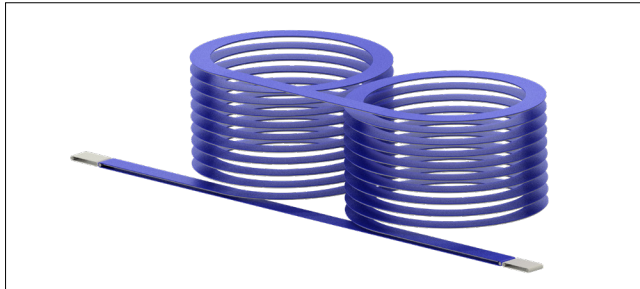


## PRODUCT HIGHLIGHTS

The flexibility and easy maintenance of the Intralox Side Drive technology enable unique configurations and eliminate transfers between equipment, all while being fully washdown capable. The innovative side drive design eliminates the need for the central drum and allows for flexible solutions such as oval spirals, up/down spirals sharing the same footprint, and long conveyor paths with zero transfers. Fewer transfers means substantially reduced product damage and loss.

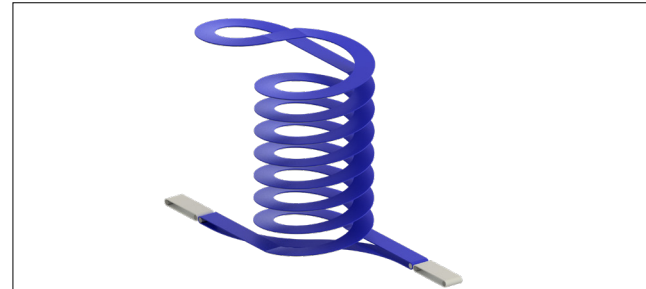


# SIDE DRIVE SPIRALS



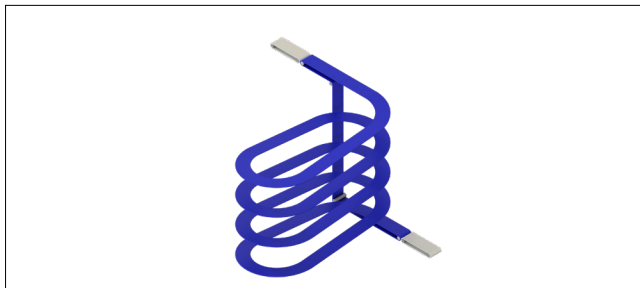
## SIDE DRIVE ACCUMULATOR

- Dual Spiral - In LOW and out LOW or in HIGH and out HIGH
- Designed for accumulation – diverted from primary production line
- Accumulation targets by time or volume – custom designed for the application
- Maintains product orientation and product spacing with minimal transfer points
- Both Series 2700 1.6 or 2.0 belting options available
- Flexible belt path can be circular, oval, and remotely located
- Includes complete controls package and automated in-feed and re-feed functionality



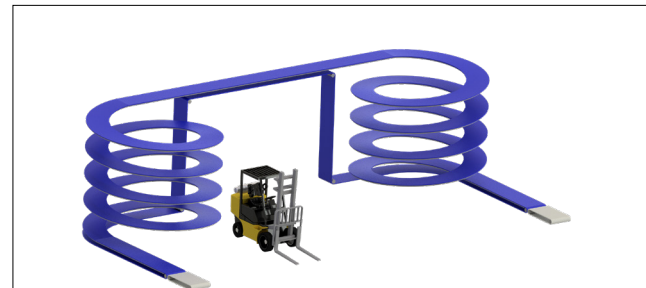
## SIDE DRIVE IN LOW OUT LOW

- In LOW and out LOW spiral using the same spiral footprint
- Designed for ambient cooling/proofing/product dwell time
- Product travel time (dwell) custom designed for the application
- Maintains product orientation and product spacing with zero transfer points
- Dual direction belting – Series 2700 2.0 belting
- Flexible belt path – spiral can be supplied as a thru-path, 90deg, 180deg, or custom angle based on the floor space available



## SIDE DRIVE OVAL

- UP Go or DOWN Go configurations
- In LOW and out HIGH or in HIGH and out LOW
- Oval design adds additional storage capacity and/or decreased incline/decline angle over circular spiral
- Straight section between radius can be any dimension required for the application
- Maintains product orientation and product spacing with minimal transfer points
- Both Series 2700 1.6 or 2.0 belting options available
- Flexible belt path design can wrap around existing building columns and structures

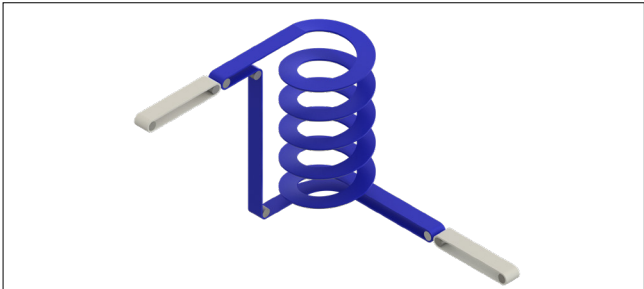


## SIDE DRIVE ACCESS PATH SOLUTION

- Dual Spiral - In LOW and out LOW
- Designed to create floor access for operators/equipment/other production lines without interrupting product flow
- Maintains product orientation through gentle incline and zero transfer points
- Both Series 2700 1.6 or 2.0 belting options available
- Flexible belt path can be circular, oval, and remotely located
- Includes complete controls package

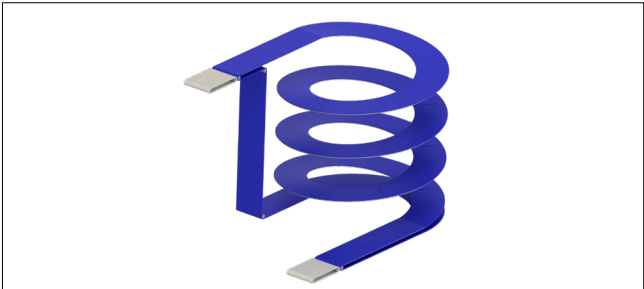


# SIDE DRIVE SPIRALS



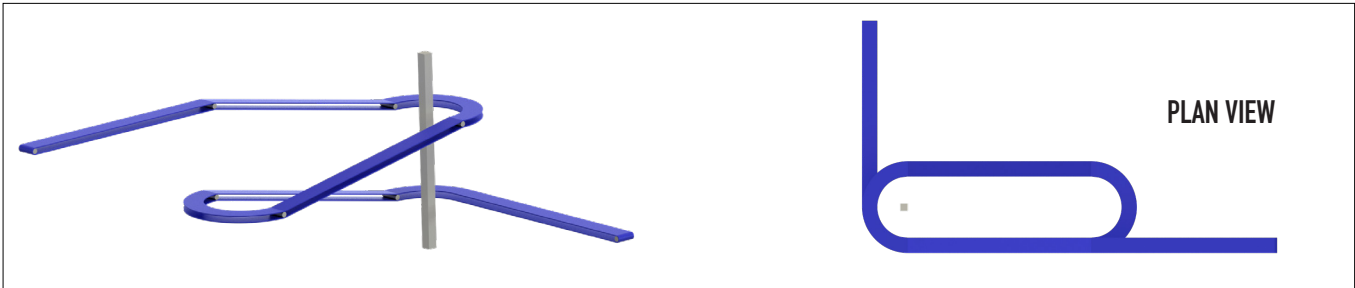
**LOWERATOR/ELEVATOR SIDE DRIVE - MINIMUM BELT WIDTH**

- UP Go or DOWN Go configurations
- In LOW and out HIGH or in HIGH and out LOW
- Lowerator - designed to transfer product down from a high freezer discharge
- Elevator - designed to transfer product up to a high freezer infeed
- Maintains product orientation and product spacing
- 10" wide belting (minimum width) in both Series 2700 1.6 or 2.0 belting options available
- Belting friction modules, and integrated lane dividers available
- Flexible belt path design can accommodate tight spaces and challenging floor space restrictions



**LOWERATOR/ELEVATOR SIDE DRIVE - MAXIMUM BELT WIDTH**

- UP Go or DOWN Go configurations
- In LOW and out HIGH or in HIGH and out LOW
- Lowerator - designed to transfer product down from a high freezer discharge
- Elevator - designed to transfer product up to a high freezer infeed
- Maintains product orientation and product spacing
- 42" wide belting (maximum width) in both Series 2700 1.6 or 2.0 belting options available
- Belting friction modules, and integrated lane dividers available
- Wide format belting for high volume production lines



**SIDE DRIVE CUSTOM BELT PATH – NO TRANSFERS**

- UP Go or DOWN Go configurations
- In LOW and out HIGH or in HIGH and out LOW
- Designed for sensitive product - continuous transfer with elevation change and zero transfer points
- Custom designed for the application using the latest technologies from Intralox
- Maintains product orientation and product spacing
- Dual direction belting – Series 2700 2.0 belting
- Flexible belt path and endless design eliminates transfer point challenges



# CMP TOTAL SOLUTIONS

- **SPIRAL SYSTEMS**

Direct Drive and Side Drive Technology Solutions

- **TOTE HANDLING SYSTEMS**

Dumpers, elevators, washers, storage systems

- **BATCH AND CONTINUOUS COOKERS**

Atmospheric steam, high pressure steam, hot water

- **BATCH AND CONTINUOUS CHILLERS**

Fresh water, brine

- **FLUID REMOVAL SYSTEMS**

Belt conveyor, vibratory conveyor, suction plenum systems

- **SEAFOOD PROCESSING SYSTEMS**

Complete process lines for lobster, crab, mussels, and other shellfish.

- **FRUIT PROCESSING SYSTEMS**

Complete line cranberries, blueberries

- **ADD BACK SYSTEMS**

Tote dumping and even flow of frozen product back into the packaging line

- **PROCESS TANKS AND STORAGE TANKS**

Wide range of single wall and jacketed tanks to 20,000 gallons capacity

- **SANITARY CATWALKS, MEZZANINES**

Sanitary catwalks, platforms, support structures and mezzanines

# OUR PEOPLE



INNOVATION +  
ENGINEERING  
EXCELLENCE



## THE CMP WAY IS TO CONSTANTLY IMPROVE

Consistent customer service excellence is planned – it does not happen by chance. We developed “The CMP Way” set of processes to exceed customer expectations with the design, manufacture, and installation of our innovative and hygienic food processing equipment. The CMP Way starts with the first engagement with our customer as we work to understand their needs. It finishes with professional installation and successful commissioning of our solution with follow up once the line is running to ensure we exceeded expectations. We are with you from start to finish - that is the CMP Way.

The CMP logo consists of the letters 'CMP' in a bold, white, sans-serif font, enclosed within a white, stylized circular outline that is open at the top.

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**FPS** FOOD  
PROCESS  
SOLUTIONS

**STRONGER  
TOGETHER**

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