

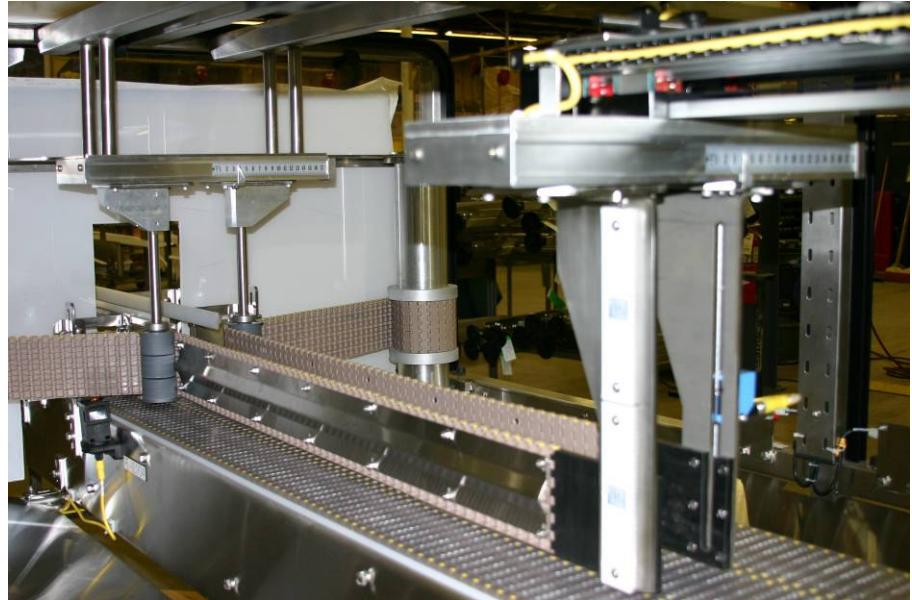


**ARROWHEAD**  
CONVEYOR CORPORATION

**Sidewinder<sup>®</sup>**  
Dynamic Laner

# **Sidewinder<sup>®</sup>**

## **Dynamic Laner**



*The Sidewinder™ Dynamic Laner automatically divides a single file lane of rigid packages into multiple lanes without interrupting product flow. Arrowhead Conveyor has eliminated the need to stop product during lane shifts using a unique coiled rail system that provides superior product stability at high speeds. The patent pending Sidewinder™ design can be installed as a complete system with conveyor or it can be retrofit over existing conveyor systems for unprecedented flexibility.*

**The Sidewinder™ Operates at High Speed** - The Sidewinder™ Dynamic laner is designed for high speed applications. The base unit can handle a continuous flow of product without interruption at line speeds up to 215 feet per minute.

**The Sidewinder™ Provides Superior Container Handling** - The unique coiled product guides provide support for both sides of products during lane shifts. This ensures that product will not topple or drift during the laning process. It also allows the Sidewinder™ to run difficult containers at the highest possible rates. The Sidewinder™ eliminates product flow interruptions caused by clamping and shifting during lane changes.

**The Sidewinder™ Is Flexible** - The Arrowhead Sidewinder™ can be configured to produce outputs from a single file to multiple lanes up to 22" across. Multiple laning sequences are possible to address individual customer needs. Changeover is fast and effective with no tools required for adjusting the product guides. The Sidewinder™ can be provided as a complete unit including product conveyor or it can be provided as a stand-alone unit for retrofit on existing production lines.

**The Sidewinder™ Is Easy To Maintain** - The Sidewinder™ incorporates proven, reliable components that were selected for long-life and consistent performance. The continuous, dynamic motion of the Sidewinder™ eliminates the extra wear and tear caused by conveyor chain slipping under product during clamp and shift lane changes. The servo controls also provide precise motion control that eliminates ongoing adjustments common with other types of actuators.

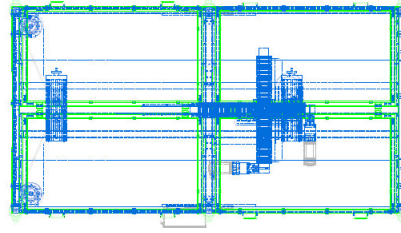
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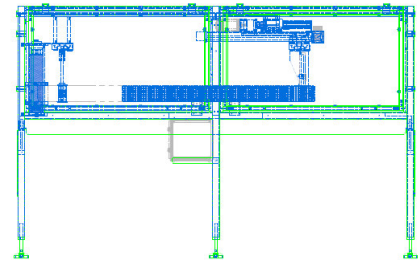


# Sidewinder<sup>®</sup>

## Dynamic Laner



**Top View**



**Elevation View**

## Specifications

	Standard Specifications	Available Options
<b>Frame</b>	Stainless Steel Square Tube Structure with #4 Polish	Mild Steel Square Tube Structure with Steel-it Grey Color Match Paint
<b>Equipment Size</b>	114" L x 60" W 42" - 49" Standard Elevation Range	Other Sizes Available Through Custom Engineering Services - Dependent Upon Container Sizes and Output Requirements—Custom Elevation Available
<b>Number of Discharge Lanes</b>	Any Number up to 22" Wide Discharge Arrangement (Center to Center of Outside Lanes)	N/A
<b>Throughput</b>	Total CPM Dependent Upon Container Size, Stability and Required Output Configuration	N/A
<b>Speed</b>	215 fpm	Custom Engineering Available
<b>Divert Area Product Guides</b>	4.5" High, Reinforced Hinge Link Extend and Retract Product Guides	Custom Engineered Heights Available
<b>Rail Extension Device</b>	Torsion Spring Assembly	N/A
<b>Laner Drives</b>	Two Axis Servo	N/A
<b>Guarding</b>	Lift Slide Back Polycarbonate Interlocked Access Doors	N/A
<b>Transport Conveyor</b>	Not Included, Accepts 12" - 32" OD x 5.75" - 13" Deep Frames	Various Types of Conveyor are Available as Options
<b>Controls</b>	Stand-Alone Control Cabinet	Controls Integrated with Conveyor System
<b>Environmental</b>	Ambient Temperature—Minimum 40° F Maximum 95° F NEMA 12 (incidental water contact)	N/A
<b>Contact your Arrowhead Representative for Special Configurations and Custom Options</b>		

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Your Local Representative