



ARROWHEAD
CONVEYOR CORPORATION

SideWinder™
Servo Laner

SideWinder™

Servo Laner



The SideWinder™ Servo 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™ Servo laner is designed for high speed applications. The base unit can handle a continuous flow of product without interruption at line speeds up to 160 feet per minute.

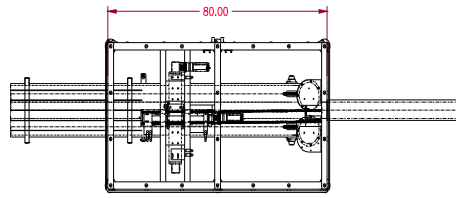
The SideWinder™ Provides Superior Container Handling - The unique coiled product guides provide support for both sides of products during lane shifts. This ensures that product will not topple or drift during the laning process. It also allows the SideWinder™ to run difficult containers at the highest 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 in up to ten separate lanes. Multiple laning sequences are possible to address individual customer needs. Changeover is fast and effective with a tool-less option available for adjusting downstream 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.

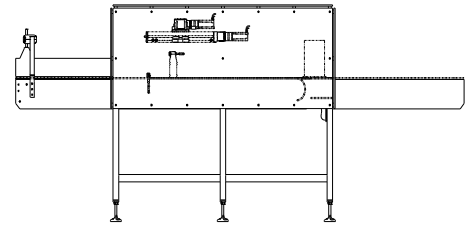
The SideWinder™ Is Easy To Maintain - The SideWinder™ incorporates proven, reliable components that were selected for long-life and consistent performance. The continuous, dynamic motion of the SideWinder™ eliminates the extra wear and tear caused by conveyor chain slipping under product during clamp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



SideWinder™ Servo Laner



Top View



Side View

Specifications

	Standard Specifications	Available Options
Frame	Stainless Steel Square Tube Structure with #4 Polish	Mild Steel Square Tube Structure with Steel-it Grey Color Match Paint
Equipment Size	80" x 48"	Other Sizes Available - Dependent Upon Container Sizes and Output Requirements
Number of Discharge Lanes	Up to Ten (10)	N/A
Throughput	Total CPM Dependent Upon Container Size. Stability and Required Output Configuration	N/A
Speed	160 fpm	Higher speeds available (Dependent Upon Container Profile, and Required Output Configuration)
Bearings	2-Hole, Flange Mounted, Cast Housing	Polymer Housing, Customer-Specified Manufacturer
Divert Area Product Guides	3" High, Patented Link-bead and/or Link-roller Extend and Retract Product Guides	6" High Product Guides, UHMW, Nylatron or Acetal Materials
Rail Extension Device	Torsion Spring Assembly	Pneumatic Slide, Rotary Servo
Laner Drives	Two Axis Servo	N/A
Guarding	Polycarbonate Interlocked Access Doors	Metal Screen Perimeter Guarding, Light Curtains
Transport Conveyor	Not Included	Various Types of Conveyor are Available as Options
Controls	Stand-Alone Control Cabinet	Controls Integrated with Conveyor System
Other Options		Washdown Construction, Advanced HMI
Contact your Arrowhead Representative for Special Configurations and Custom Options		