



**ARROWHEAD**  
CONVEYOR CORPORATION

# ArrowLift™ Vertical Conveyor

## ArrowLift™ Vertical Conveyor



Arrowhead Conveyor introduces **ArrowLift™** - a continuous motion vertical conveyor. The ArrowLift™ design is compact, simple and reliable - allowing companies to maximize their production efficiency without sacrifices.

**Rugged Construction** - ArrowLift™ features a robust formed steel channel construction to ensure stability of the structure and long operating life of components. Heavy-duty roller chain is combined with unique zero-backflex attachments to eliminate platform sag.

**Flexible Throughput** - ArrowLift™ is designed to handle production rates up to 30 products per minute. Standard inverter duty motors allow ArrowLift™ to be synchronized with adjacent conveyors and equipment to adapt to changing production conditions and provide maximum throughput.

**Compact Design** - ArrowLift™ is compact, efficient and flexible. It can be easily incorporated into new production lines or retrofit on existing lines. The frame structure includes integral guarding to save space on the production floor.

**Low Operating Costs** - ArrowLift™ requires little or no changeover between products helping keep production lines operating at high up-time. The continuous motion operation reduces the wear and tear associated with intermittent motion and reciprocal motion equipment. And the ArrowLift™ design is maintenance friendly, with few moving parts and commercially available components.

**Modular System** - ArrowLift™ is available in multiple configurations to accommodate a wide range of products and sizes. The modular design of ArrowLift™ allows Arrowhead to create custom configurations to handle unique production requirements or space constraints. ArrowLift™ is available in both painted, mild steel or stainless steel - even for use in washdown environments



# ArrowLift™

## Vertical Conveyor

### Features and Benefits

**Versatility**—ArrowLift™ can handle a wide range of products with little or no changeover. Continuous motion operation can respond to changing production conditions both upstream and downstream of the ArrowLift™.

**Ease of Maintenance**—Fewer moving components reduces maintenance costs. Continuous motion operation reduces wear on drive train components. All major mechanical components are available at floor level, reducing the need for ladders or personnel lifts during maintenance.

**Modular Design**— The ArrowLift™ design incorporates pre-engineered modules to minimize the engineering process and reduce manufacturing time. Equipment can be reconfigured in the field to adapt to changing production needs.

**Rugged Construction**—ArrowLift™ is manufactured for use in the most demanding production environments. Each unit is quality checked prior to shipment. All ArrowLift™ units are fully assembled and tested to ensure rapid installation and faster line start-up.

### Specifications

	Standard Specifications	Available Options
<b>Frame Material</b>	Mild Steel with Steel-it grey color match paint	Stainless Steel with #4 polish
<b>Platform Construction</b>	1/2" x 1" x 1/8" Wall Extruded Aluminum Tubing	N/A
<b>Standard Platform Sizes</b>	18" x 24" 24" x 32"	Custom Configurations Available
<b>Minimum Infeed/Discharge Elevation</b>	18"	Pit Required for Lower Infeed or Discharge Elevation
<b>Maximum Elevation Change</b>	40'-0"	N/A
<b>Supports</b>	Integral to the frame with +/- 3" adjustment	N/A
<b>Maximum Unit Load Capacity</b>	80 Lbs	N/A
<b>Bearings</b>	2-Hole, Flange Mounted, Cast Housing	Polymer Housing, Customer-Specified Manufacturer
<b>Motors</b>	Flange Mounted Inverter Duty Brake Motors	Wash-down Duty Motors
<b>Transport Chain Type</b>	#50 Mild Steel Roller Chain with Attachments	Stainless Steel Roller Chain, Plated Chain
<b>Platform Chain Type</b>	2040 Mild steel Attachment Chain	Stainless Steel Roller Chain, Plated Chain
<b>Guarding</b>	1/4" Clear Polycarbonate Guarding with One (1) Interlocked Access Door	Stainless Steel Wire Screen Guarding, Additional Access Doors
<b>Other Options</b>		Washdown Construction
<b>Contact your Arrowhead Representative for Special Configurations and Custom Options</b>		