

## THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

### Steel Conveyor: Horizontal to Incline Series

The "Horizontal to Incline" belt conveyor series is a profile that is used for light to medium weight, finished part applications. This conveyor is ideally suited for under-the-press or bedside the press applications to remove parts from under the machine or transition from another conveyor and elevate up to another piece of equipment or discharge for inspection or assembly. The angle of incline is adjustable from 20-60 degrees for elevation changes. The fully welded frame construction of this model produces a solid



#### Specifications:

Lengths available: 5' to 15' combined length increments on 1' lengths  
Widths: 6"-30" on 6" increments

**Note: Special widths on 2" increments and special lengths on 6" increments are available.**

#### Exclusive Series Features:

- Frame: Formed C-channel steel frame with welded cross members.
- Castings: Supports bearings and pulleys featuring a unique design for easy service and belt tracking adjustments.
- Side Rail Overlap: Recessed belt edges - .625" per side on 18" width or less, and 1.625 per side on 24 & 30" wide.
- Pulleys: Feature a trapezoidal crown on head and tail, which provide increased tracking signal.
- Motor Starter: Includes manual push button motor starter with thermal overload.
- Hole Pattern: Pre-punched pattern on bottom of frame for repositioning leg supports along the frame length.
- Warranty: Two year limited.

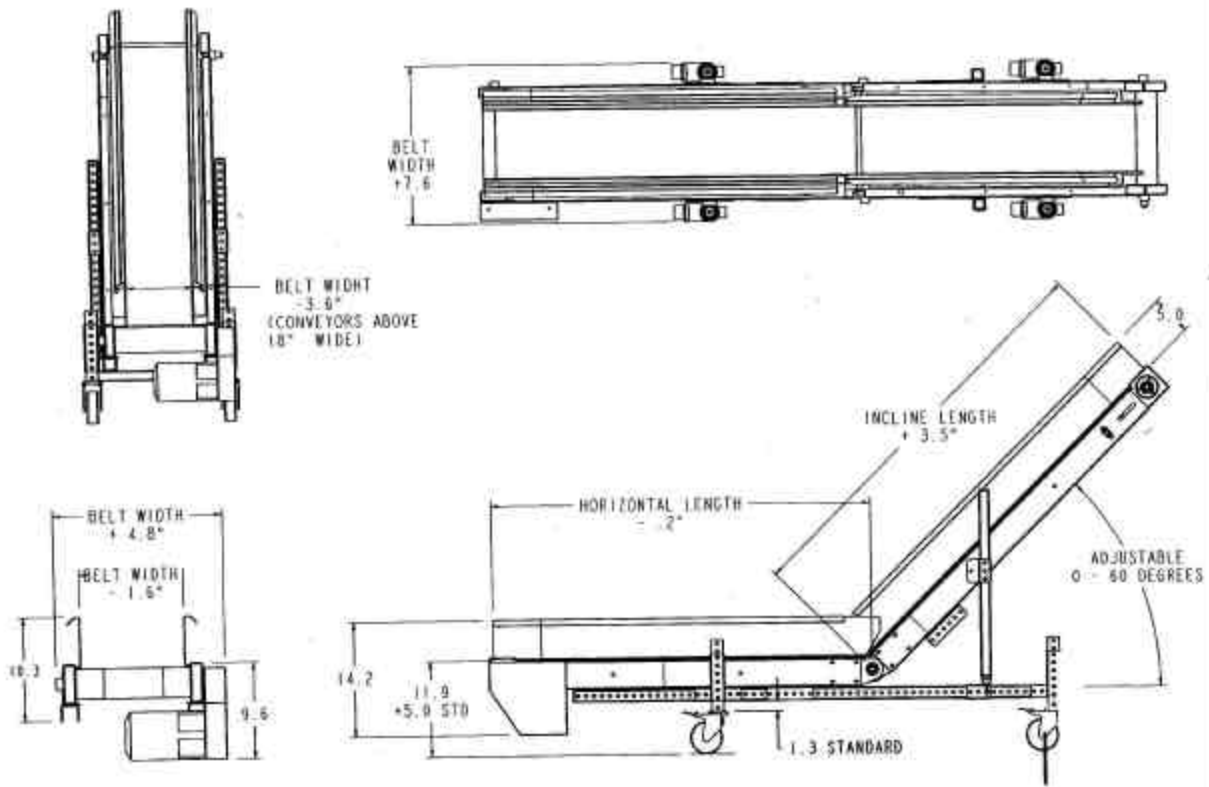
#### Common Options:

- Drive Motor Location: Motor locations for special elevation requirements or functions.
- Variable speed drives: AC and DC type variable speed drive packages for different input voltages.
- Belts: Wide selection of various belt materials, cleat heights, spacing, and V-guides.
- Reversing Packages: Automatic processing reversing control packages.
- Indexing Packages: Automatic belt indexing packages.
- Side rails: Alternative side rail height and materials.
- Covers for Top of Conveyors: Polycarbonate & stainless steel covers.
- Covers for Bottom of Conveyors: Bottom covers- painted steel and stainless steel.
- Conditioning Units: Ambient air blowers and chilled water fed cooling blowers.
- Many others...



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CONVEYOR SHOWN WITH 5.00 IN TALL RAILS.  
CONVEYOR SHOWN WITH .750" TALL CLEATS.

### Technical Information

<b>Frame:</b>	3.5" height, 13 gauge welded C channel steel frame fabricated with welded steel tubular cross members, optional steel slider bed for support. Incline frame section is adjustable from 20-60 degrees.
<b>Side Rails:</b>	5" extruded aluminum side rails without top return, overlap is .625" per side, or 1.625" per side on 24" and 30" wide models. Belt widths greater 18" have a R16, 3.5" tall stainless steel rail as a standard.
<b>Belt Type:</b>	2 ply white FDA Approved P.U. cover, Anti-Static with 3/4" cleats welded on 15" centers, splice is end-less bias angle skive type.
<b>Widths:</b>	6", 12", 18", 24", and 30".
<b>Lengths:</b>	Combined Lengths to a max. of 15' (2' min on drive) and (2.5' min. on take-up end), manufactured in 1' increments (standard)
<b>In-feed End Drive:</b>	Located at in-feed end, M1, M2, are standard M9, M10, M11, M12 are available at no charge. Side drive positions M5, M6 are available. Positions M3, M4, M13, M14, M7, M8 are available if applicable (please consult factory) Standard drives are 120VAC/1/60 HZ motors.
<b>Speeds:</b>	22 FPM (standard), 45, 67, 133 FPM - available at a nominal charge.
<b>Pulleys:</b>	3" Drive & tail pulleys are both machined with trapezoidal crowns, shafts are 5/8" diameter and bearings are sealed self-aligning type, no lubrication required. Drive pulley is fully lagged.
<b>Take-up Assembly:</b>	for 2.5 inches of take-up of belt adjustment.
<b>Electrical Controls:</b>	NEMA 1 enclosure with push button manual motor starter with thermal overload protection and 12' of SJ 16/3 cord with plug for 120VAC input power as standard.
<b>Support:</b>	Steel telespar type supports, LS2 series included with CA3 (4" diameter swivel toe locking casters) Elevation is 11.9"-16.9" top of belt to floor with cleats up to 30 mm tall.
<b>Paint:</b>	MAC metallic Silver (other colors available as options).