

THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

Steel Conveyor: Horizontal to Incline to Horizontal



The "Horizontal to Incline to Horizontal" belt conveyor is a profile that is used for light – medium weight finished part applications. This conveyor is ideally suited for under-the-press or beside 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 and the discharge horizontal sections are adjustable from 20-45 degrees for elevation changes. The fully welded construction, of this model produces a solid square frame for industrial use.

Specifications:

Lengths available: 6.5' to 15' combined length increments on 1' lengths
Widths: 6" – 30" on 6" increment

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

Exclusive Series Features:

- Frame: Formed C-channel 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: Features a trapezoidal crown on head and tail pulleys, which provides 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.

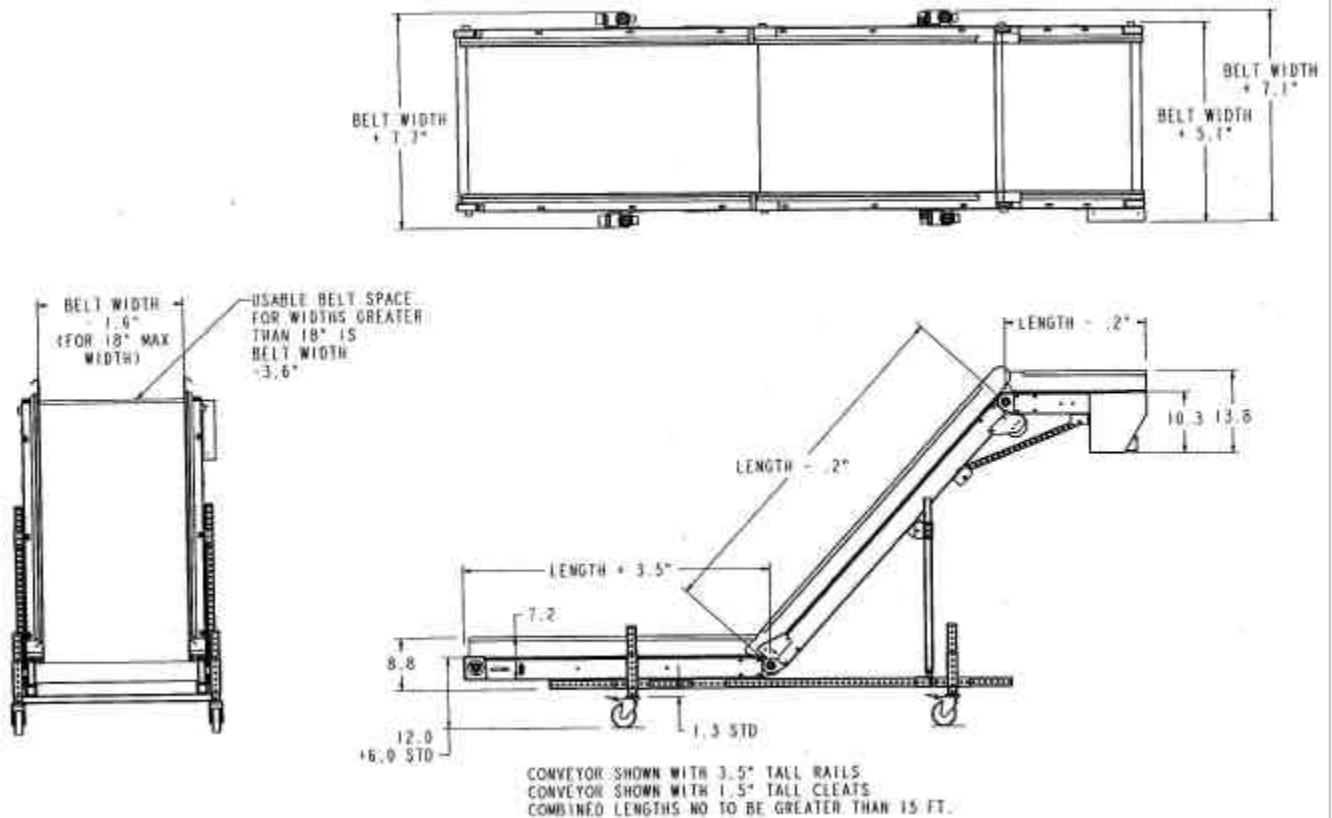
Common Options:

- Drive Motor Location: Motor locations for special elevations and 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 conveyors.
- Many others



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Technical Information

Frame:	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 20-45 degrees.
Side Rails:	5" extruded aluminum side rails without top return, overlap is .625" per side, or 1.625" per side on 24" and 30" wide models. Models with belt widths greater than 18" receive 3.5" tall stainless rails as a standard.
Belt Type:	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.
Widths:	6", 12", 18", 24", and 30".
Lengths:	Combined Lengths to a max. of 15' (2' min on drive) and (2.5' min. on take-up end), manufactured in 1' increments (standard)
In-feed End Drive:	Located at discharge end, M3, M4, M13, M14. Side drive positions M7, M8 are available at a nominal charge. Standard drives are 120VAC/1/60 HZ motors.
Speeds:	22 FPM (standard), 45, 67, 133 FPM - available at a nominal charge.
Pulleys:	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.
Take-up Assembly:	for 2.5 inches of take-up of belt adjustment.
Electrical Controls:	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.
Support:	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.
Paint:	MAC metallic Silver (other colors available as options).