

THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

Aluminum Conveyor: Horizontal to Incline



The "Horizontal to Incline Aluminum" belt conveyor series is a profile that is used for light-medium weight finished part applications, where cleanliness and appearance are important. 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 is adjustable from 20-60 degrees for elevation changes. The models superior construction produces a solid square frame for industrial use.

Specifications:

Lengths available: 4' to 15' length increments on 1' lengths.
Widths: 6" – 30" on increments

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

Exclusive Series Features:

- Frame: Extruded aluminum frame, 6061 aluminum with T5 temper, clear anodized.
- Cross Members: Steel cross members for exceptional torsional rigidity.
- Castings: Supports bearings and pulleys featuring a unique take-up design, tracking done at all four corners.
- Side Rail Overlap: Recessed belt edges -.75 per side up to 18" widths or less and 1.75" per side on 24" and 30" wide.
- Pulleys: Feature a machined trapezoidal crown on head and tail, which provides increased tracking signal.
- Bearing assemblies: Set in castings with covers, no exposed rotating parts.
- Belt Edge Wear Strips: Wear strips on top and return sides, less wear on convey and return sides.
- Warranty: Two year limited.

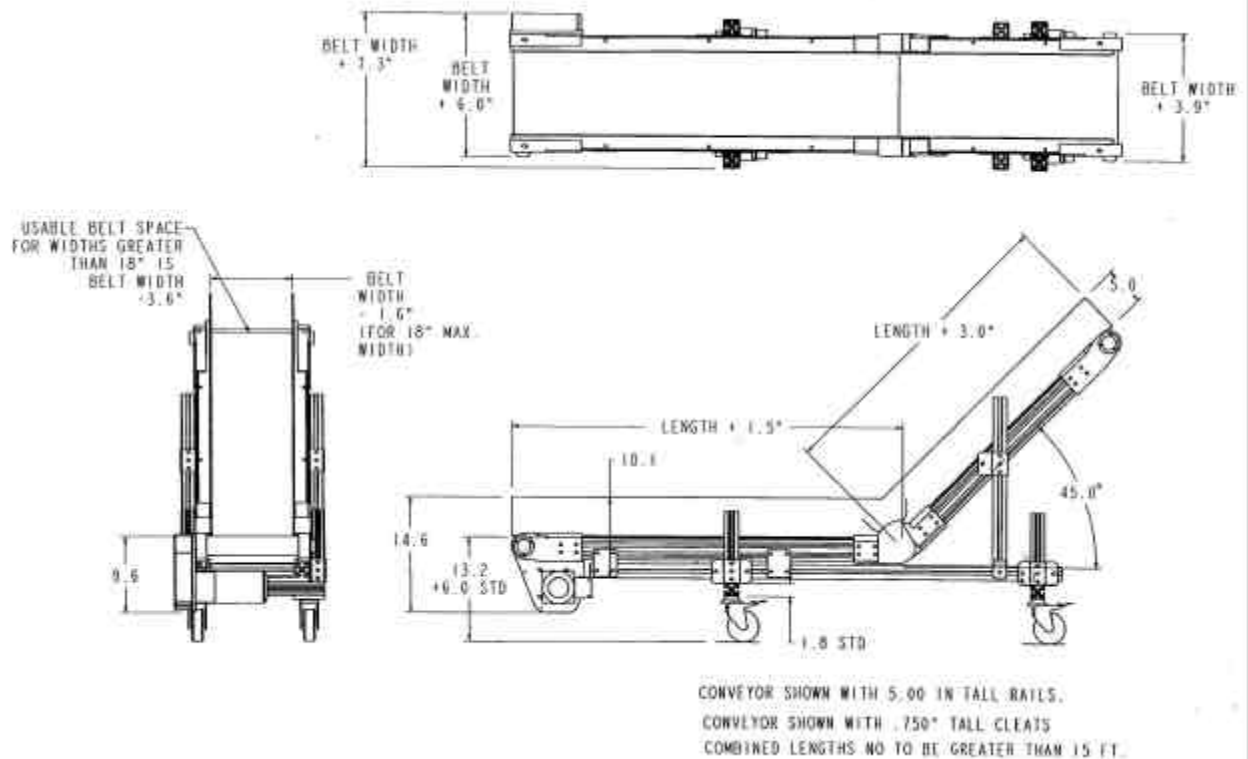
Common Options:

- Drive motor Locations: Allows for special elevations and 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.
- 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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Technical Information

Frame:	2.63" extruded frame with welded steel tubular cross members, optional steel slider bed for support across full width.
Side Rails:	5" extruded aluminum side rails without a top return, overlap is .75" per side or 1.75" per side on 24" and 30" wide models. Belt widths greater than 18" have R16, 3.5" tall stainless side rails.
Belt Type:	B2: 2 ply, white, FDA approved P.U. cover, Anti-Static with 3/4" cleats welded on 15" centers, splice is endless bias angle skive. Traction side has a VG1 v-guide tracking aid
Belt Widths:	6", 12", 18", 24", and 30".
Lengths:	Combined lengths of 15' (2' min. on drive end) and (2' min. on idle end) Manufactured on 1' increments (standard)
In-Feed End Drive:	Located at in-feed end, M1, M2, are standard M9, M10. Side drives M5, M6 are available. Positions M3, M4, M7, M8 are available if applicable, (please consult factory) Standard drives are 120VAC/1/60 HZ motors.
Speeds:	22 FPM (standard), 9.5, 14.5, 32, FPM - available at no charge
Pulleys:	2.125" drive and tail pulleys are both machined with trapezoidal crowns, with machined V-guided grooves, drive pulley is fully lagged, shafts are 3/4" diameter and bearings are sealed self-aligning type. Drive pulley is lagged with ruff top material.
Take-up Assembly:	Allows for 2.5 inches of take-up of belt adjustment
Electrical Control:	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:	Extruded aluminum telespar type supports, LSA2 series included are CA3 (4" diameter swivel toe locking casters). Elevation at in-feed end is 13.2" -19.2" adjustable from top of belt to floor with cleats up to 30 mm tall.