

THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

Aluminum Conveyor: Small Frame Series



The "Small Frame Aluminum" belt conveyor series is a profile that is used for lightweight finished part applications, where cleanliness and appearance are important. This conveyor is ideally suited for under-the-press application of small to medium sized injection molding machines, general purpose light weight parts. The models superior construction produces a solid square frame for industrial use.

Specifications:

Lengths available: 3' to 15' length increments on 1' lengths
Widths: 6" – 36" 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 torsion rigidity.
- Castings: Supports bearings and pulleys featuring a Unique take-up design tracking adjustments at the four corners.
- Side Rail Overlap: Recessed belt edges - .375" per side.
- 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 belt damage on convey and belt return side.
- Warranty: Two year limited.

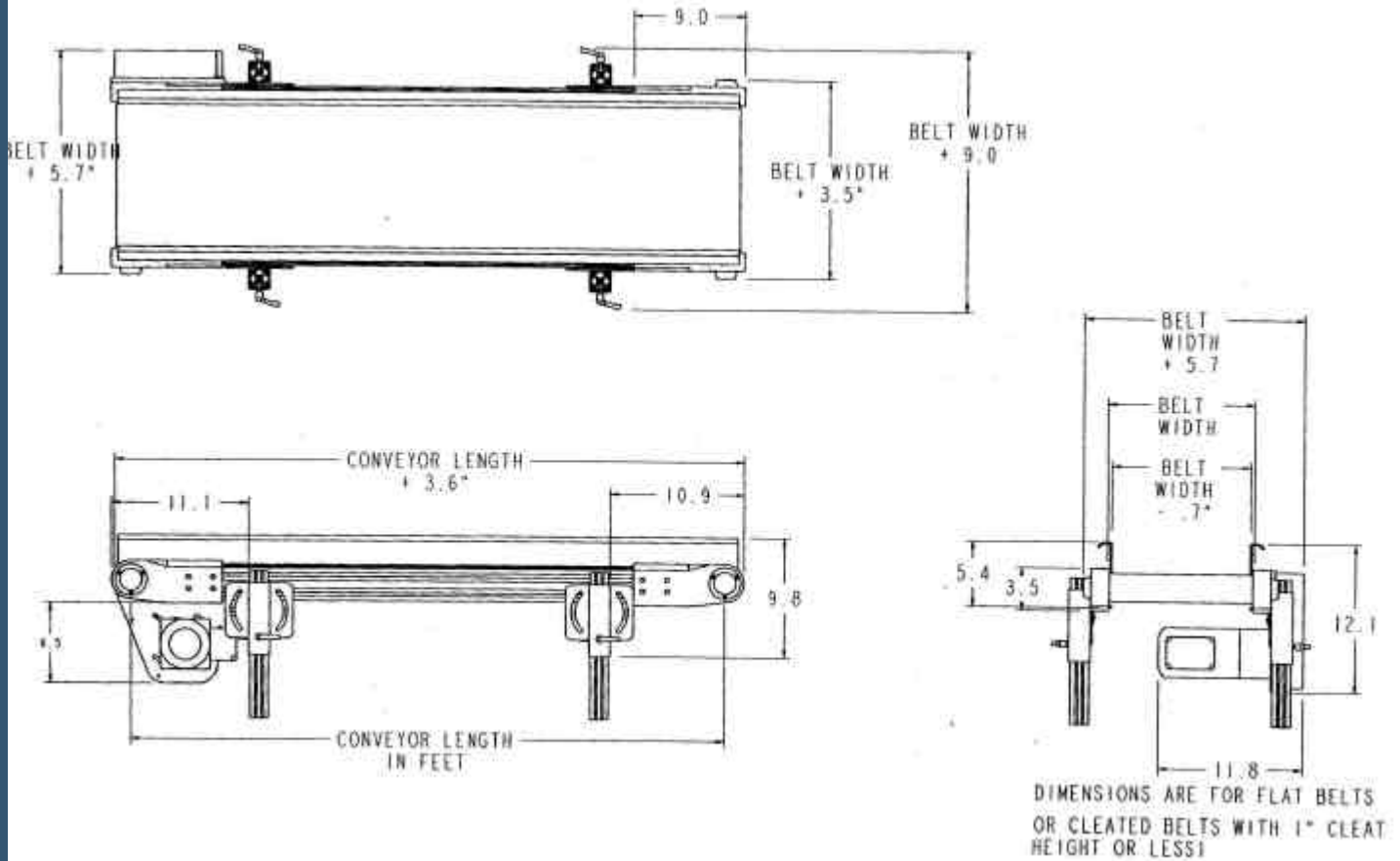
Common Options:

- Casters: Two-way, toe locking swivel casters with 4" diameter polyurethane wheels.
- Variable speed drives: AC and DC type variable speed drive packages for different input voltages.
- Belts: Wide selection of various belt materials and surface textures.
- 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: 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 full belt support.
Side Rails:	2.5" extruded aluminum side rails with top return, overlap is .375" per side.
Belt Widths:	6", 12", 18", 24", 30", and 36".
Lengths:	3' to 15' on 1' increments (standard).
End Drive:	Located at any one of the four corners, dependent upon length and application. Positions M3, M4, are preferred, M1, M2, are available if applicable, Side mounted drives, M5, M6, M7, M8 are also available as an option. 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, shafts are 3/4" diameter and bearings are sealed self-aligning type.
Take-up Assembly:	Allows 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.
Supports:	Various telespar type legs extruded construction with adjustable heights available.
Paint:	None – Clear anodized frame.