

THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

Steel Conveyor: Small Frame Series



The "Small Frame" belt conveyor series is a profile that is used for lightweight finished part applications. This conveyor is ideally suited for under-the-press application of small to medium sized injection molding machines, general-purpose lightweight parts. The fully welded construction of this model produces a solid, square frame for industrial use.

Specifications:

Lengths available: 3' to 15' lengths 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:** Formed C-channel steel frame with welded cross members
- **Castings:** Supports bearings and pulleys, featuring a unique design for easy service and belt tracking adjustment
- **Side Rail Overlap:** Recessed belt edges, .335" per side, provide tight belt to rail tolerance
- **Pulleys:** Feature a machined trapezoidal crowned on head and tail which provides increased tracking signal
- **Motor Starter:** Includes manual push button with thermal overload
- **Hole pattern:** Pre-punched pattern on bottom of frame for repositioning leg supports along the frame length
- **Warranty:** Two year limited

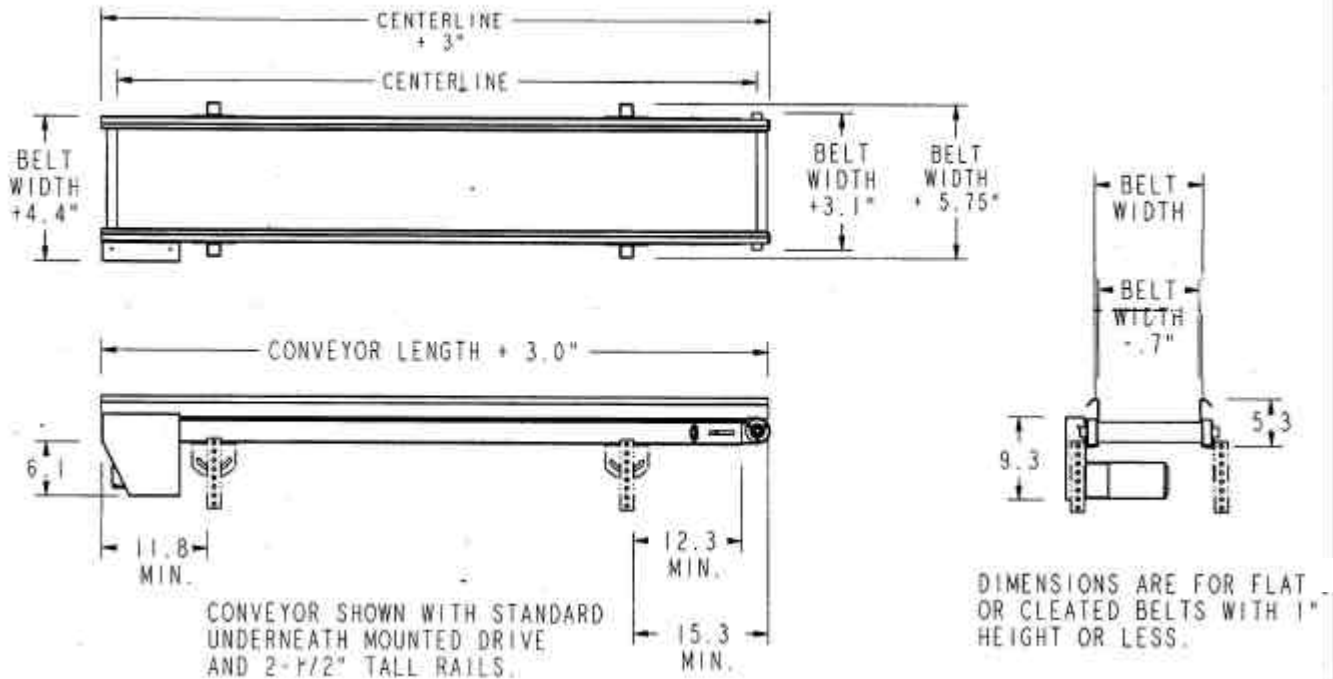
Common Options:

- **Castors:** 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 – painted steel & stainless steel.
- **Conditioning Units:** Ambient air blowers and chilled water fed cooling blowers.
- **Many others....**



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Technical Information

Frame:	2.63" height, 13 gauge welded C channel steel frame fabricated with welded steel tubular cross members, optional steel slider bed for support.
Side Rails:	2.5" extruded aluminum side rails with top return, overlap is .35" preside.
Belt Widths:	6", 12", 18", 24", 30", 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, M13, M14 are preferred, M1, M2, M11, M12 are available if applicable. Side mounted drive is 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" diameter drive and tail pulley are both machines with trapezoidal crowns, shafts are 3/4" diameter and bearings are sealed self-aligning type. No lubrication is required.
Take-up Assembly:	Allows for 2.5" 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 telescoping legs, steel construction with adjustable heights available
Paint:	MAC metallic silver (other colors available as options)