

THE EXPERT IN "PARTS MANAGEMENT SYSTEMS"

Steel Conveyor: Heavy Duty Series

The "Heavy Duty" belt conveyor is a profile that is used for heavy weight finished part applications. This conveyor is ideally suited for under-the-press application of large sized injection molding machines, general-purpose large heavier weighted parts. Also, used for assembly, inspection, and case conveying. The fully welded construction of this model produces a solid square frame for industrial use.



Specifications:

Lengths available: 4' to 50' lengths increments on 1' lengths

Widths: 6" – 48" 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: Support bearings and pulleys featuring a unique design for easy service and belt tracking adjustments
- Side Rail Overlap: Recessed belt edges - .335" per side, provide tight belt to rail tolerance
- Pulleys: Feature a machined trapezoidal crown on head and tail, which provides an increased tracking signal.
- Bearings: Four bolt flange bearings with external grease fittings
- 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

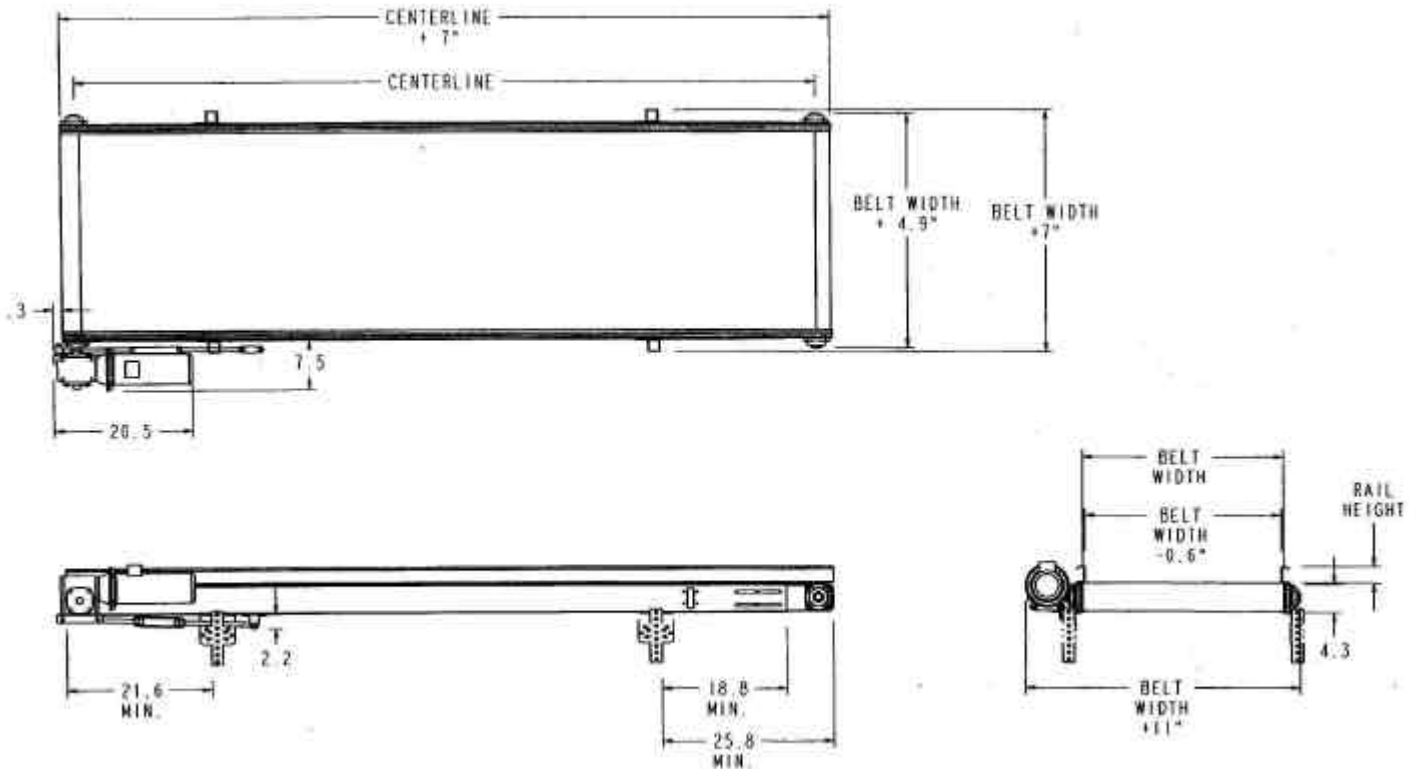
Common Options:

- Casters: Two-way, toe locking swivel casters with 5" 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 and stainless steel.
- Conditioning Units: Ambient air blowers and chilled water fed cooling blowers cooling blowers
- Many others.....



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Technical Information

Frame:	4.25" height, 12 gauge welded C channel steel frame fabricated with welded steel tubular cross members and full steel slider bed for support.
Side Rails:	2.5" extruded aluminum side rails with top return, overlap is .35" per side.
Belt Widths:	6", 12", 18", 24", 30", 36", 42", 48".
Lengths:	4' to 50' on 1' increments (standard).
Side Mount End Drive:	Located at any one of the four corners, dependent upon length and application. Positions M7, M8, are preferred, M5, M6, are available if applicable. Standard drives are 120VAC/1/60 HZ motors, other voltages and phases available-consult factory.
Speeds:	30 FPM (standard), 45, 60, 80 FPM are available at a nominal charge.
Pulleys:	4" diameter drive and tail pulleys are both machined with trapezoidal crowns, shafts are 1" diameter bearings are 4 bolt flange type, self-aligning, with grease fittings for ease of service.
Take-up Assembly:	Allows for 4 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:	Various telescoping legs, steel constructed with adjustable heights available.
Paint:	MAC metallic Silver (other colors available as options).