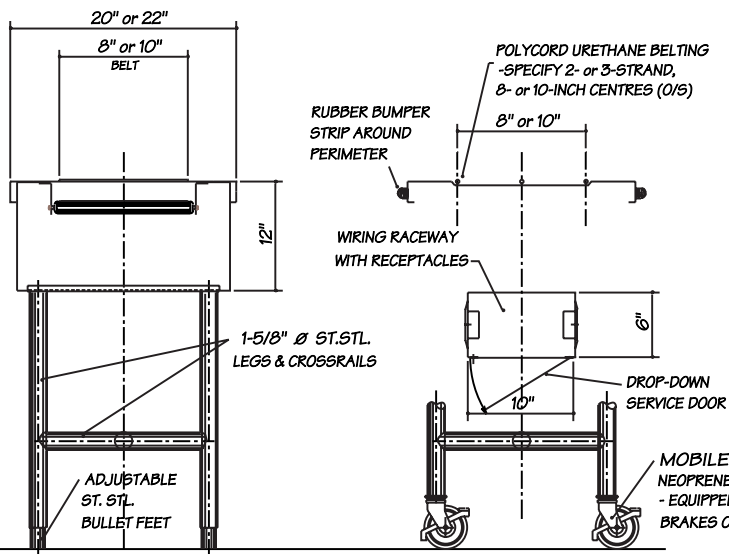
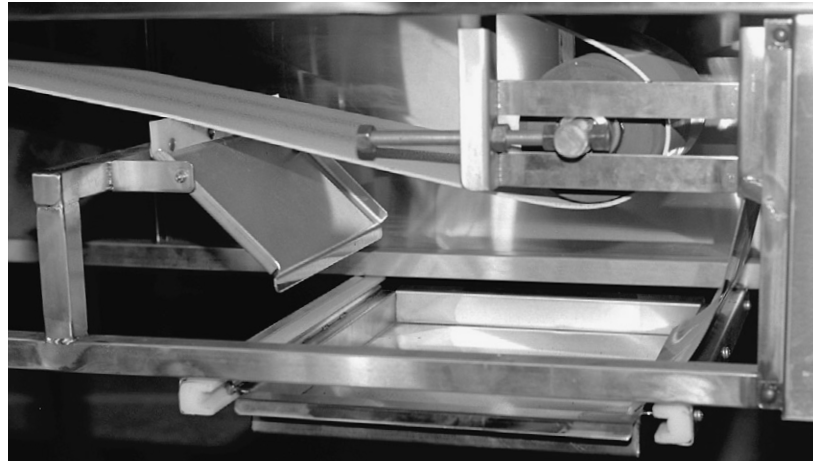
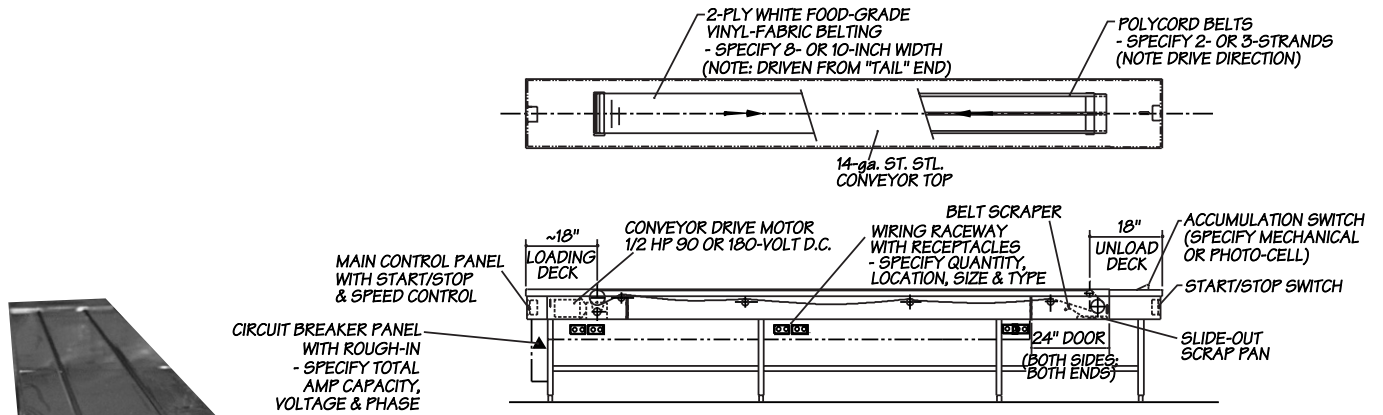


Bi-Line BULLETIN

Tray Make-Up Conveyor



STANDARD CROSS-SECTION

OPTIONAL FEATURES



MODEL Nos	DESCRIPTION
BL-84-8	2-PLY WHITE FOOD-GRADE BELTING
BL-84-10	IN 8- OR 10-INCH WIDTH _____ Tail Driven
BL-88-PC-2	1/2" POLYCORD URETHANE BELTING;
BL-88-PC-3	2- or 3-STRAND, SPACED 8" OR 10" C-C _____ Head Driven



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Model #BL-84**SPECIFICATIONS****A. BELTING**

Conveyor belt shall be 8" or 10" wide, 2-ply white PVC or Neoprene food-grade with stainless steel "Alligator" lacing.

B. SLIDE BED

Provide 16 ga. st. stl. flat top, turned down and boxed, suitably braced to hold all mechanical components support from underside of top.

C. STRUCTURE

Conveyor sides and ends shall be single-wall, 18 ga. construction suitably braced to support top and mechanical components.

Provide hinged doors on both sides at each end for access to motor/reducer and belt take-up unit.

Entire conveyor shall be supported on st. stl. "hat" channels and 1-5/8" st. stl. tube legs, rails, and adjustable st. stl. bullet feet.

D. MECHANICAL COMPONENTS

1. Drive – Provide integral motor/reducer. Motor to be 1/2 hp, 90- or 180-volt D.C. Gear reducer to be 30:1 single reduction worm-gear. Conveyor is driven from the *tail end*.

2. Head pulley – Provide crowned PVC head pulley mounted on 1" dia. shaft & silent, permanently-lubricated plastic bushings.

3. Tail pulley – (driven) – Provide crowned tail pulley with #40 sprocket bolted to end hub of pulley. Connect to #40 sprocket on gear reducer with #40 roller chain.

4. Return rollers – Provide 1.9" dia. blue PVC rollers fitted with polypropylene bearings with st. stl. belts. Support rollers on 7/16" hex. aluminum axles, bolted to st. stl. support angles.

5. Take-up roller – Provide screw-type take-up to remove slack in belt. Take-up shall also be used for belt alignment & tracking.

E. BELT SCRAPER

Provide a pivoting anti-jam plastic belt scraper to continuously ride on surface of belt to remove debris. Debris shall be collected in a slide-out scrap tray located under the scraper bar.

F. CONTROL PANEL

Provide main control center box mounted at end of conveyor. Unit to house "SCR" controller (electronic variable speed), and all relays, fuses, contactors, and terminals required. Access to this panel by service personnel only. This panel also equipped with a face-mounted start/stop switch and speed control knob.

G. AUXILLIARY START/STOP PANEL

Provide auxilliary start/stop panel at end of conveyor opposite to main panel.

H. ACCUMULATION SWITCH

Provide either mechanical-arm or photo-electric switch at discharge end of conveyor to stop unit when activated by a tray. Conveyor automatically re-starts when tray is removed.

I. ELECTRICAL RACEWAY

Provide st. stl. wiring chase mounted under conveyor body to run down centre line of conveyor. Where required provide receptacles for customer's portable equipment.

J. CIRCUIT BREAKER PANEL

Wiring shall terminate in a ____-amp, ____-phase, ____-wire circuit breaker panel mounted in a st. stl. enclosure under the conveyor. Panel to accommodate the circuits for owner's equipment.

Model #BL-88PC**SPECIFICATIONS****A. CONVEYOR BELT**

Belting shall be either 2- or 3-strand, 3/8" or 1/2" dia. polycord urethane belting endlessly spliced by heat sealing.

B. DRIVE SYSTEM

Same as for BL-84, except drive & tail pullies to be equipped with machined grooves to accept the polycord belts. Conveyor is driven from the *head end*.

Remainder of specifications are the same as for Model #BL-84.