



**PATOIS ASSOCIATES, INC.**

# BULK PRODUCT CONVEYORS



**Three Roller Trough Conveyor**

## Products and Applications

- Snack Food
- Cookies
- Candies
- Cheese
- Crackers
- Dough
- Pet Foods
- Ingredients
- Soap Powder

## Industries:

- Bakeries
- Confectionary
- Snack Foods
- Pet Foods
- Food Processing
- Cheese and Dairy Products
- Chemical and Ingredients
- Soaps



**Bulk Product Conveyor**



**Bulk Storage Conveyor**

## Features:

- Sanitary Design
- Fully Assembled prior to shipment
- Mild steel or Stainless construction
- Proven Performance
- Conforms to Industry Specifications

Numerous designs in stainless and mild steel are available to suit your application.

Your specific applications are considered in the conveyor design.

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## SPECIFICATIONS

### Frame Designs:

- Tubing with trough idlers
- Tubing with fixed support idlers
- Tubing with formed trough bed
- Formed trough bed
- Channel with trough idlers or formed bed

### Drive Designs:

- Motorized drive pulleys
- Conventional drive systems (end and center)

**Take Ups:** End, center, weighted, pneumatic

**Tracking:** Conventional tracking devices

**Standard-Optional:** Pneumatic or cam style tracking devices are optional

**Belt cleaning:** Scrapers, powered brushes, self cleaning pulleys, return belt cleaners and plows are all available

**Covers and Catch Pans:** A wide variety of covers and pans are available

**Motors:** A variety of motors are available per customer spec

**Pulleys:** All belt surfaces making contact with the belt surface are stainless steel, balance are mild steel – all stainless steel pulleys optional

**Belting:** Food grade belting is standard. Preferred fastening method is field vulcanization

**Options:** Spare belt loop for vulcanization encoders, zero speed switches, belt wander switches, quick release, quick clean pulleys

**Clean in Place:** A wide variety of applications require specialized C.I.P. systems. We have numerous designs for your specific application

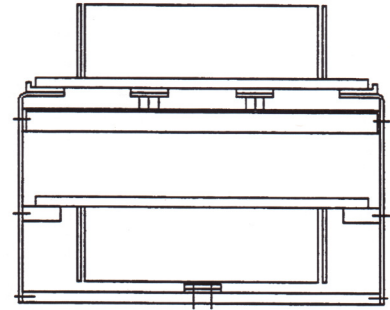
### Bearings & Power Transmission:

A wide variety of brand name components are available to suit the application or customer requirements

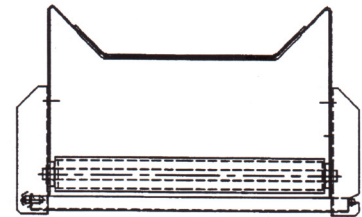
## OPTIONS

- Spare belt loop for vulcanization
- Quick release mechanism
- Telescopic take-ups
- Scrapers and plows
- Power belt scraper
- Weighted take-up
- Catch pans
- Covers
- Dust collection system
- Pneumatic belt tracker
- Retractable infeed or discharge
- Cam belt tracker
- Self cleaning pulleys
- Non metallic (metal free) zone
- Zero speed switch
- Encoder
- Pull cord E stops
- Motorized pulleys
- Belt wander switches
- Easy removable pulleys
- Plated bearings
- Chutes, gates, diverters
- Special paints

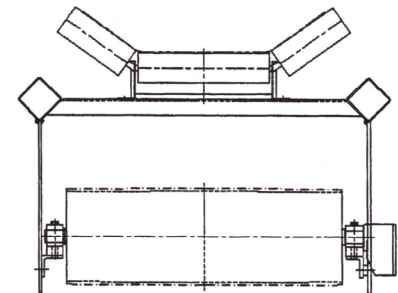
## MODEL SCHEMATICS



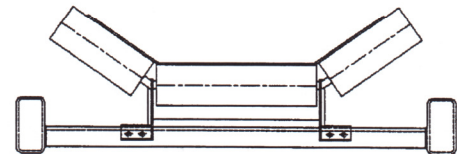
CLEATED INCLINE



SLIDER BED



MOTORIZED PULLEY



TROUGH IDLER

For further information please contact our sales/engineering office at (973) 835-0040

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