

SORT IT

ProSort Series

- High Speed Sortation
- get your product out quickly
- Smooth transitions
- product sorted gently while continually moving forward
- Swift and Safe Sortation with ProSort Models

www.hytrol.com

HYTROL

ProSort 400

Hytrol's ProSort 400 is a heavy duty sliding shoe sorter designed for high speed applications where product diverting needs to be both positive and gentle. Products are transported on anodized aluminum slats where at a predetermined location, divert shoes move diagonally across the conveyor to push the product onto a take-away conveyor. The ProSort 400 may be configured for diverting products to the right hand or left hand side of the sorter. Also it may be configured for diverting at 30 degrees where close divert centers are important or 22 degrees where high speed is required.

FEATURES

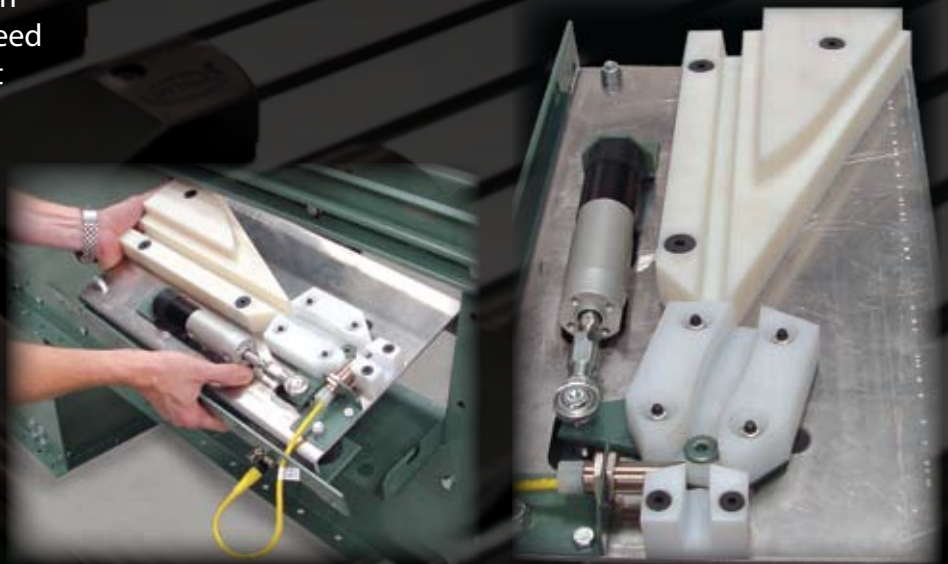
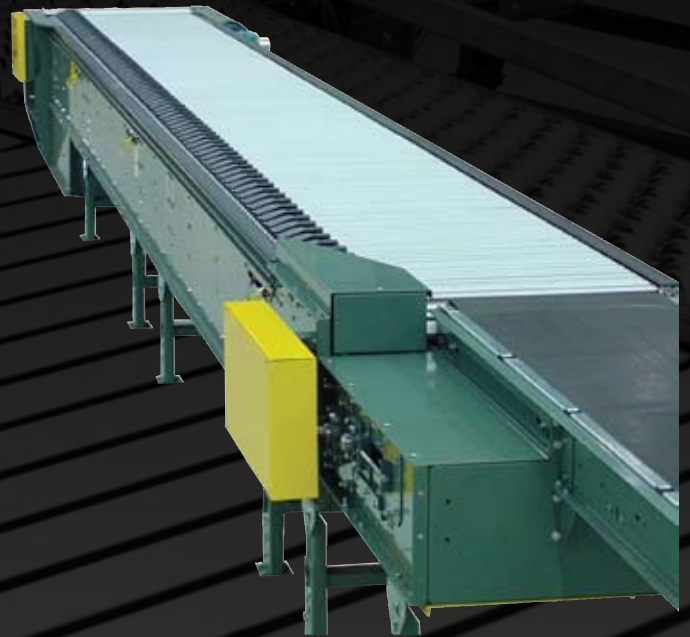
- High Speed - 600 FPM
- Precisely Timed, Engineered Divert Switch
- Anodized Aluminum Slats
- Lubricated and Sealed O-Ring Chain
- Precision Bearings on Chain
- Covered Chain
- Quiet Operation
- Dual Synchronized Drives for Extended Lengths

COMPONENTS PROFILES

- Available in 5 standard widths
- Available with right hand, left hand, or dual sided diverts
- Speeds up to 600 feet per minute

HIGHLY ENGINEERED DIVERT SWITCH

- Precisely timed switch operation providing long life and high speed
- Radiused components for quiet operation and extended life
- Easily removed
- Pneumatically operated for long life and low maintenance



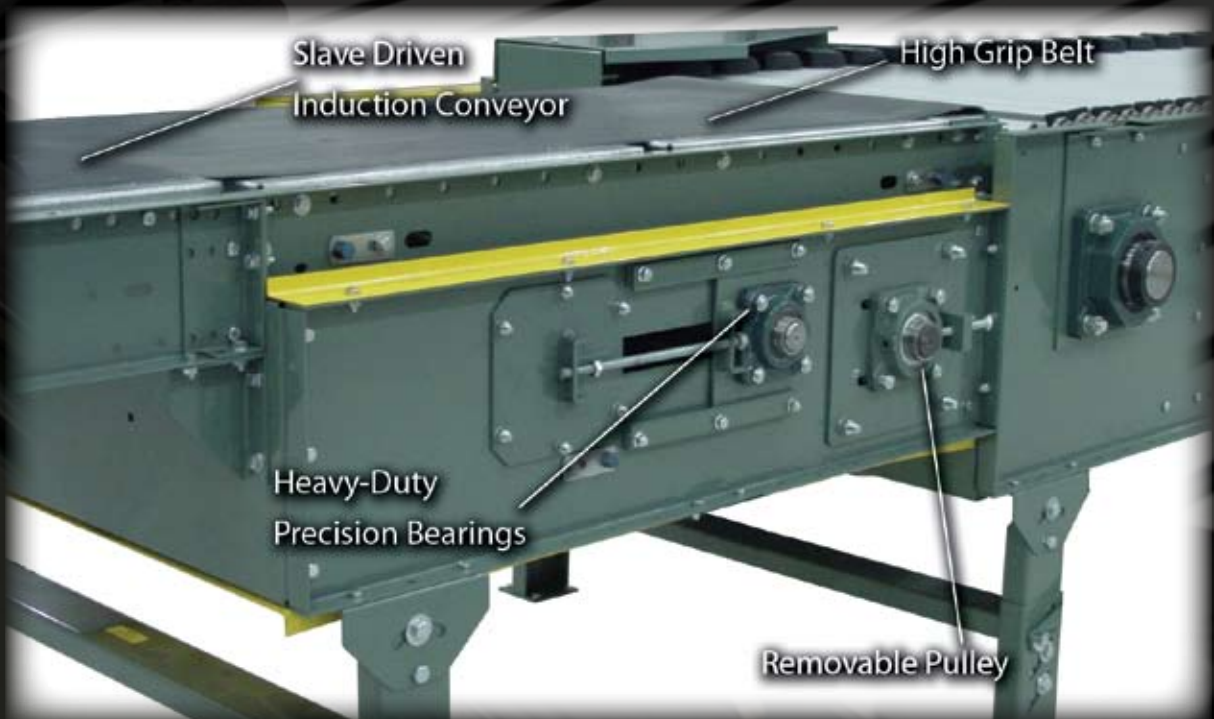
ProSort 400

- Variable speed drive standard for optimizing sorter operation during peak and non-peak throughput periods
- Heavy duty bearings for long lengths and high speed
- Shaft mounted drive for low maintenance and simplicity
- Auxiliary drive available for extended lengths
- 30° diverts for close divert center and 22° diverts for high speed
- Flight chains fitted with precision bearings for high speed and low horsepower
- Bearings run on engineered polyurethane track for low noise
- Lubricated and sealed o-ring chain



INTEGRAL INDUCTION CONVEYOR FEATURING:

- High grip belt for maintaining cart on position during induction
- Removable pulley design for ease of maintenance
- Slave driven from sorter for maintaining carton gaps and eliminating unnecessary drives
- Heavy duty precision pulley bearings for high speed and trouble free operation



ProSort 400

- Modular design for ease and flexibility of system design and installation
- Factory assembled and test ran for trouble free installation
- Available with powered or gravity take away lines

PROLOGIX INTEGRATED SORTATION CONTROL

- Fast trouble free start up
- Consistent and reliable sortation
- Flexible for any sorter configuration
- Built in diagnostics and statistics
- Maintenance and operator friendly
- Available with plug-n-go wiring

APPLICATION

The ProSort 400 sliding shoe sorter is designed for high speed sortation of a wide range of product sizes and weights. The ProSort 400 offers a sortation solution that is both positive and gentle for a reliable sort even if the product being conveyed is fragile in nature. Its versatility makes it ideal for various markets including product distribution, manufacturing, and mail order fulfillment.

The ProSort 400 is suitable for sorting almost any product including electronics, groceries, pharmaceuticals, general household items, clothing, and building supplies.

The ProSort 400 is configurable with 30 degree diverts for close divert centers when space is limited or 22 degree diverts for high speed distribution of product to shipping doors. It's standard modular design allows it to be easily integrated into almost any sortation system and when the need arises it can be customized based on a particular system's requirement.



Robust divert shoe designed for directing loads. TPR pusher face for gentle handling of product.



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