



Spotlight

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.



Model ProSort 400



Heavy Duty Sliding Shoe Sortation Conveyor

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

SPOTLIGHT

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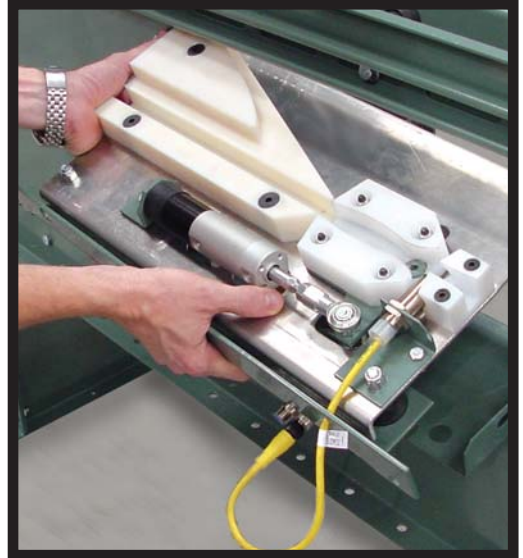
COMPONENTS PROFILES

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

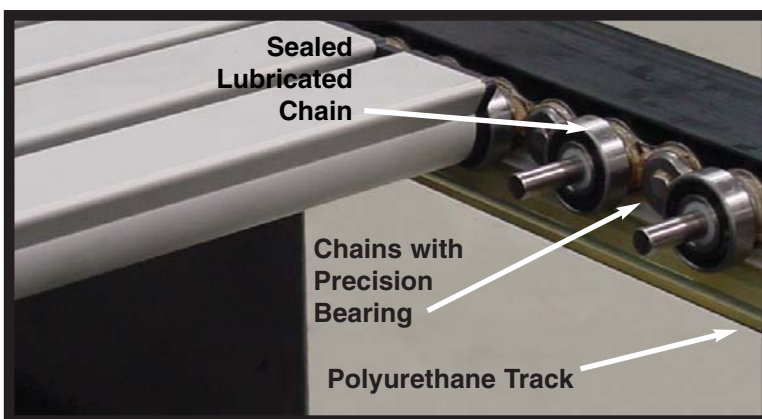
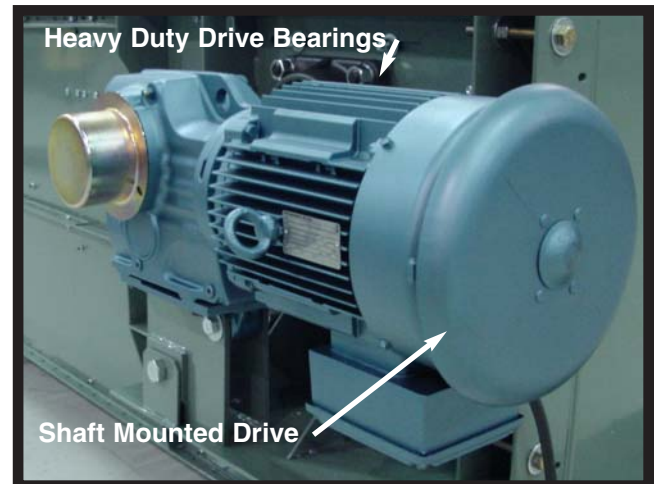


Highly Engineered Divert Switch

- 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

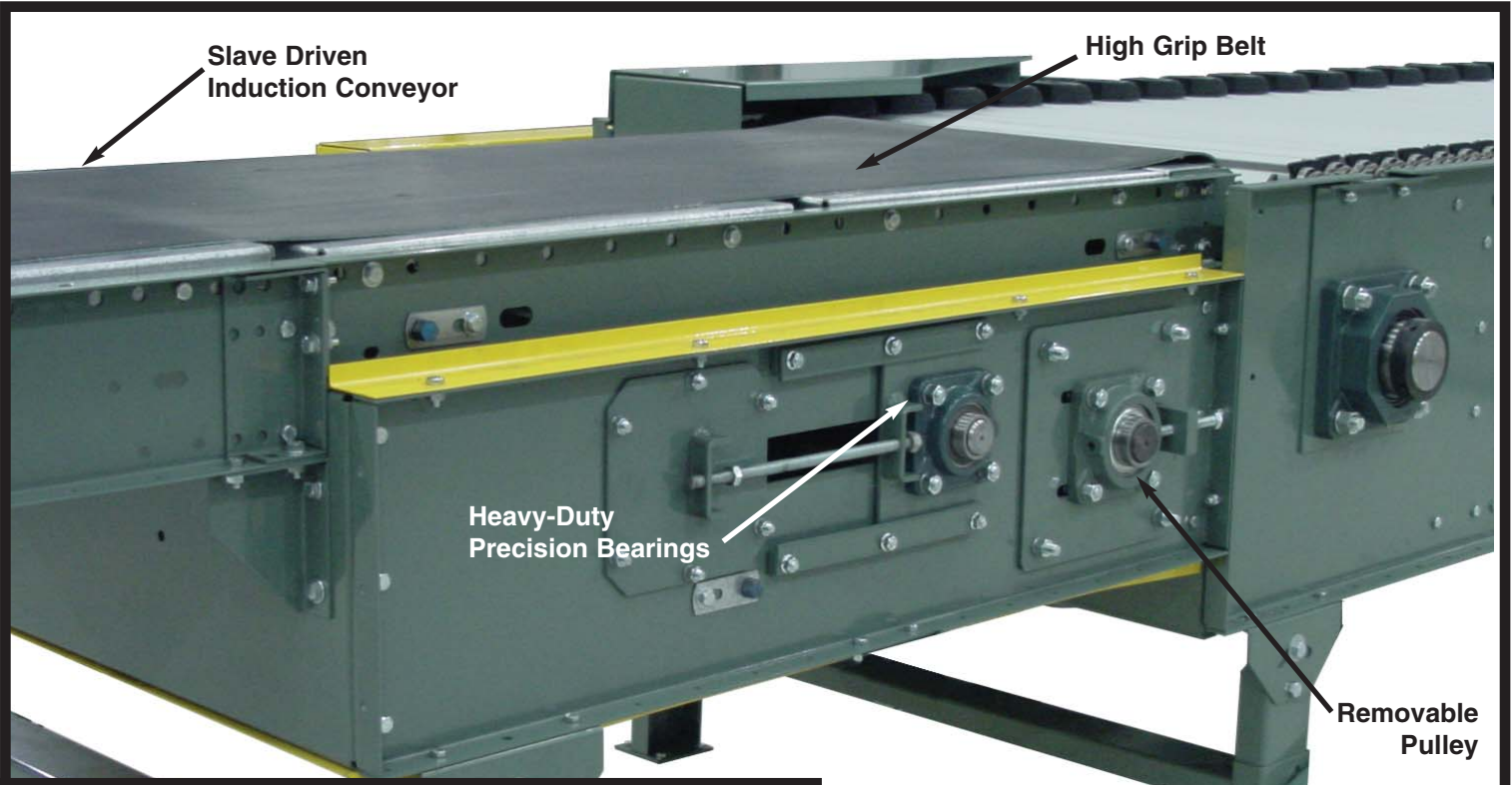


- Variable speed drive standard for optimizing sorter operation during peak and non-peak throughput periods
- Heavy duty bearings for long lengths and high speed
- Shaft mounted drive for low maintenance and simplicity
- Auxiliary drive available for extended lengths
- 30 degree diverts for close divert center and 22 degree diverts for high speed



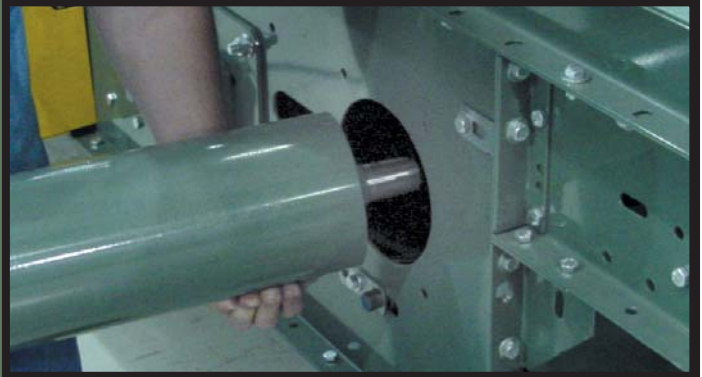
- Flight chains fitted with precision bearings for high speed and low horsepower
- Bearings run on engineered polyurethane track for low noise
- Lubricated and sealed o-ring chain

COMPONENTS PROFILES (continued)



Integral Induction Conveyor featuring:

- High grip belt for maintaining carton 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

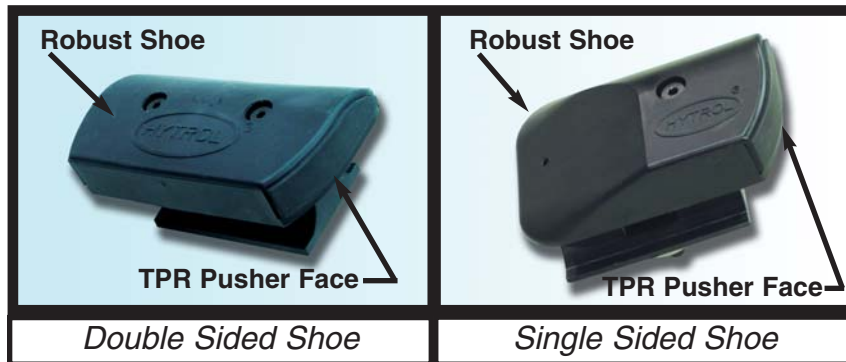


ProLogix Integrated Sortation Control

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

COMPONENTS PROFILES (continued)

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



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

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.



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