

# E24™ ACCESSORIES

SYSTEMS • SOLUTIONS • SERVICE

Hytrol's E24™ sets the standard by delivering a powerful, long-lasting, low-voltage means for product transportation. The 24-volt motor driven roller (MDR) conveyor systems are being widely used due to their simplicity and flexibility. With seven E24™ conveyor models in Hytrol's product line, the following accessories provide additional energy efficiency, optimal performance, and improve the overall design of your E24™ system.

## 190-E24G

The model 190-E24G is a powered gate with die springs that is equipped with 24VDC motor(s). This accessory allows workers an accessible walking point between conveyors. The powered gate is ideal for maintenance and safety matters.

- 12 bed widths available
- 1.9 diameter x 16 gage rollers on 3" centers
- (2) 24 Volt DC motors with control cards on 4' and 5' gate or (1) 24 Volt DC motor with control card of 3' gate
- Equipped with hinge mechanism and die springs
- Standard conveying speed of 35-125 FPM

## EZLOGIC® E24™ MERGE CONTROLS

These functions provide a "traffic cop" control for an incoming conveyor line merging onto a trunk conveyor line. Merge controls are available in spur merge, square merge, and E24™ transfer merge. All control is provided by EZLogic® controllers.

EXPERIENCE THE ADVANTAGE.



## E24™ POWERED PIVOT DIVERTERS

### E24PPD

The E24™ powered pivot diverter is designed for use with E24™ and E24EZ accumulating conveyor models. Products are diverted onto adjacent 30° spur lines. The air cylinder pivots the diverter sheave assembly to divert at a 30° angle. The vertical lift of the sheave assembly allows the diverter to have more control of the package which provides a positive divert.

- 5 widths available – 22", 24", 26", 28", 30"
- Diverter mechanism is equipped with a row of 2 ¾ in. diameter wheels with urethane treads driven by 3/16 in. diameter urethane belts
- Maximum capacity of 75 lbs. per package weight
- Standard conveying speed of 35-125 FPM
- Capable of diverting up to 40 cases per minute

### E24EPPD

The E24™ electric power pivot diverter is designed for use with the E24™ and E24EZ accumulating conveyor models. The E24EPPD is similar to the E24PPD, with the addition of being an all-electric version without requiring compressed air. Products are diverted onto adjacent 30° spur lines. The electric linear actuator pivots the diverter sheave assembly to divert at a 30° angle. The E24EPPD has the same specifications as the E24PPD, with the exception of the rate. The E24EPPD is capable of diverting up to 25 cases per minute.

## E24™ TIMING BELT TRANSFER

The E24™ timing belt transfer is a pneumatic lift device that transfers the product at a 90° angle to the conveyor flow. Transfer strands are comprised of urethane covered timing belts running over idler sheaves. These belts are driven from a single drive shaft powered by an E24™ motor.

- Equipped with 3, 4, or 5 narrow transfer strands that fit between rollers on 3" centers
- Between rail and extended transfers are available
- Maximum capacity of 75 lbs.
- Standard conveying speed up to 180 FPM
- Capable of transferring up to 30 cases per minute

## E24™ POWERED TRANSITION ROLLERS

The E24™ powered transition rollers are used between two parallel conveyors to assist with small boxes transferring from one line to the next. Transition rollers provide a bridge in the gap between two conveyors.

- 1.9 diameter rollers on 3" centers
- Optional urethane coated rollers
- Used in combination with Hytrol's E24™ timing belt transfers
- Could eliminate the need for receiving transfer in side-by-side applications
- Maximum capacity of 75 lbs.

