

The HYTROL logo is a yellow oval with a black border containing the word "HYTROL" in bold, black, sans-serif capital letters.

**HYTROL**

A high-angle, blue-tinted photograph of a factory conveyor belt system. Several yellow boxes are moving along the belt, which curves through the facility. The background shows industrial equipment and structural elements.

**ZERO  
PRESSURE  
ACCUMULATION**

Carton Length Not a Problem with EZLogic®

Protect your product and extend the life of your accumulation conveyor with Hytrol's zero-pressure technology, EZLogic®.

[www.hytrol.com](http://www.hytrol.com)

**Zero Pressure Accumulation** is made possible through Hytrol's patented EZLogic® system. With two modes of operation, EZLogic® provides flexibility in your accumulation efforts.

**Singulation Mode** - product separates while traveling down the conveyor and when it is released from the conveyor, creating a zone-length gap between packages.

**Slug Mode** - product does not separate when traveling down the conveyor or when it is released from the conveyor. This allows higher carton throughput at any given conveyor speed. Product will not separate on the conveyor even when accumulation has been activated at the discharge end.



## Features

### Jam Protection

When the conveyor is set to run in "slug mode," if a package is sensed by an EZLogic® controller for six seconds or longer a signal is sent to the upstream zone to accumulate product on the upstream side of the jammed package. This prevents product pile-up until the jam is cleared. The zone where the jam is detected continues to drive, in many cases dislodging the product without assistance. Once the jam is cleared, the conveyor returns to normal operation.

### "Sleep" Feature

If an EZLogic® controller does not detect the presence of product for a selectable time period, the controller stops the zone from driving. This is known as the "sleep" feature and it helps reduce noise and roller wear. Packages traveling down the conveyor "wake up" the zones as needed to move the package.



### **Loading Zone**

When a pallet (or other load) is placed in a zone by some external means, the zone stops the rollers from turning and holds back any upstream pallets for a preset time.

### **Indexing Zone Stop**

Ideal for workstations where a person finishes with one item then momentarily presses a switch, indexing the next item forward.

### **Pulse Feature for GEZ**

Momentarily applies a brake to passing boxes in zones of GEZ (gravity accumulator) conveyors to prevent momentum build-up.

### **Cascaded Slug Release**

Rather than releasing all cartons simultaneously, this function introduces a momentary delay in the release of each zone, from discharge upstream.

Models incorporating EZLogic®:

All models with EZ designation

NSPEZ

PREZ

CREZD

DCEZ

ABEZ

LREZ

PLEZD

Just look for the EZ...



Hytrol Conveyor Co., Inc.  
2020 Hytrol St. • Jonesboro, AR • 72401-6712  
Ph: 870.974.5642 - Fax: 800.852.3233  
info@hytrol.com • www.hytrol.com