

# POLY-V BELT DRIVEN CONVEYOR

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Hytrol's Poly-V belt driven conveyors are an alternative to chain rollers providing an efficient, quiet and maintenance free operation. The unique Poly-V belts used to drive the rollers prevent jumping and reduce noise by absorbing shock and vibrations. The Poly-V series of conveyors is ideally suited for heavier loads such as pallets, drums, containers and totes. Accumulation is possible when combined with our EZLogic® zero pressure accumulation system and a more energy efficient operation is attainable when paired with our E24™ 24 VDC motor. With six different Poly-V belt models, Hytrol provides the ideal pallet handling solution for you.

## HIGHLIGHTS

- Quiet operation
- Maintenance free
- 25 series capacity, 3,000 lbs.\*
- Closer roller centers
- No lubrication
- Freezer applications
- 199 series capacity, 600 lbs.
- Lower guard for loading product

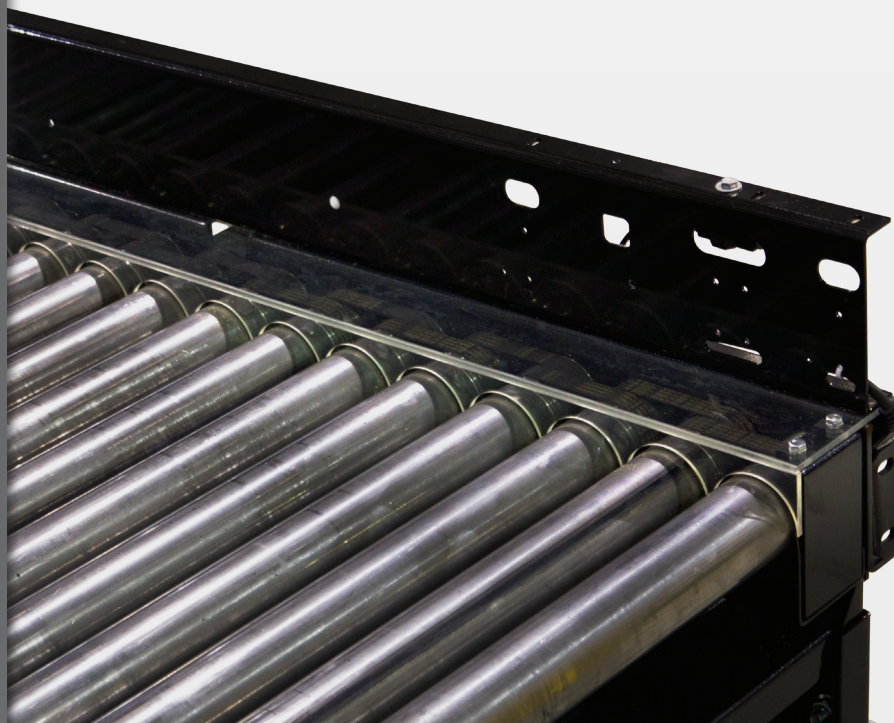
## HYTROL POLY-V MODELS

### 199-PVR

Model 199-PVR is a medium duty Poly-V belt driven live roller conveyor. The roll-to-roll belt drive makes this conveyor ideal for medium duty pallet handling where low maintenance and a quieter conveyor is desirable.

- 11 bed widths available
- 1.9 in. x 9 gage unplated rollers on 3, 4, or 6" centers
- Shaft mounted drive
- 4-rib J-profile Poly-V belt
- Standard conveying speed of 35 FPM
- Maximum load per foot is 200 lbs. with supports on 5' centers. Total load capacity is 600 lbs.
- Reversible
- Conveyor length has a maximum of 10' per drive
- Maximum of 20 rollers on each side of the drive

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## 25-PVR

The heavy design of the 25-PVR is used for conveying higher capacities such as loaded pallets and drums. The Poly-V belt driven rollers make it ideal for conveying heavier loads.

- 19 bed widths available
- 2 ½ diameter X 11 gage unplated rollers on 3, 4, or 6" centers
- Shaft mounted drive
- 8-rib J-profile Poly-V belt
- Standard conveying speed of 30 FPM
- Maximum load per foot is 700 lbs. with supports on 5' centers. Total load capacity is 3,000 lbs.
- Reversible
- Conveyor length has a maximum of 10' per drive
- Maximum of 20 rollers on each side of drive

## COMBINED WITH EZLOGIC® ZERO PRESSURE ACCUMULATION:

Hytrol's patented EZLogic®, or "Electronic Zero Pressure Logic" Accumulation System, combines the sensing accuracy of photo-electronics with discrete electronic logic control without the use of a PLC or pneumatic logic components.

## 199-PVEZD & 25-PVEZD

The 199-PVEZD and 25-PVEZD models have the same specifications as the 199-PVR and 25-PVR models. These models have the added benefit of combining Hytrol's patented EZLogic® zero pressure accumulation system. The EZLogic® system allows products to be accumulated in zones and released upon request. Accumulation zones are flexible and are based on roller centers.

The 199-PVEZD and 25-PVEZD models are powered by Hytrol's EZDrive™ System (individual zone drive). The ½ HP shaft mounted gearmotor is located near the center of each zone and includes an EZDrive™ disconnect panel. Power is distributed from zone to zone through pluggable cord sets and is connected from the starter box to the motor via "S0" type cord.

## COMBINED WITH E24™:

Hytrol's E24™ has been designed from the ground up to provide the best 24-volt conveyor drive technology in existence. Because E24™ is a Hytrol innovation; it also works great with EZLogic® zero pressure accumulation systems.

## 199-PVE24EZ & 25-PVE24EZ

The 199-PVE24EZ and 25-PVE24EZ are accumulating conveyors that use Hytrol's E24™ 24 VDC motor to drive Poly-V belt driven rollers. Models are equipped with Hytrol's patented EZLogic® zero pressure accumulation system. Although they are unique in speed and capacity, these models have the same specifications as the 199-PVR and 25-PVR.

## 199-PVE24EZ

- Conveying speeds up to 28 FPM
- Maximum load per foot is 150 lbs. Not to exceed 600 lbs. per zone

## 25-PVE24EZ

- Conveying speeds up to 24 FPM
- Maximum load per foot is 250 lbs. Not to exceed 1,300 lbs. per zone\*

\* 3,000 lb. capacity for models 25-PVR & 25-PVEZD, 1,300 lb. capacity for model 25-PVE24EZ

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