

POLY-V BELT DRIVEN STRAIGHT ROLLER TECHNOLOGY

A Cost-Effective Conveyor Solution



Industries:

- Warehousing & Distribution
- Manufacturing
- Order Fulfillment
- Aerospace
- Government Military & Agency
- Automotive
- Parcel Handling
- Appliance
- Cabinetry & Furniture
- Food & Beverage
- Tire

Poly-V Benefits:

- Costs 15–20% less than traditional chain driven conveyors
- Steel Sleeve Handles heavier loads than traditional Poly Hub Inserts
- Extends maintenance intervals 3–4 times
- Smooth operation for high speed accumulation and transportation
- Quieter than chain driven live roller conveyors

Features:

- Uniquely capable of handling light to medium heavy loads in a variety of configurations
- Tight roller spacing to handle challenging loads
- Well-suited for zoned accumulation in multiple drive control configurations
- Integrates easily with 24v control architecture

1.9 Inch diameter Rollers handle heavier loads than traditional “O-Ring” driven live roller conveyors with our competitively priced Steel Poly-V Sleeve

Industry Need:

No doubt about it, belt and chain driven conveyors are the most reliable and proven method to transfer materials. However, many of these traditional solutions are loud, costly and require frequent maintenance intervals.

LEWCO Solution:

Enabled by our patented roller construction, the LEWCO solution offers a quiet, durable and cost-effective way to convey heavier loads. Our Poly-V steel sleeve design eliminates any opportunity for broken plastic hubs that have been the traditional design. All at a surprisingly competitive cost.

LEWCO Poly-V 1.9” OD Belt Driven Straight Roller Conveyor Technology facilitates:

- Conveyance of cases, cartons totes, fixtures, cardboard boxes and more
- Zero Pressure Accumulation
- Unitized loads
- Tire and wheel delivery
- Appliance transport
- Side loading and unloading

LEWCO PLV-19 Specifications:



PLV-19

Effective Width: 6"-48"

Beginning Elevation: 7"-120"

Length: 36"-240"

Ending Elevation: 7"-120"

Speed: 15-110 FPM

Roller Centers: 3", 4", 6"

Drive: Standard drive is mounted near the center of the conveyor length on belt guard side. Up to 20 conveyor rollers can be driven from each side of the drive roller. Additional drives are required to extend the conveyor length.

Frame: Standard frame includes 5" channel on chain box side and 3½" channel on opposite side with roller set high in frame. Optional frame includes 5" channel on opposite side with roller set low in frame.

Motor: 1/2 HP through 2 HP, Energy efficient and inverter duty motors are also available along with Motorized Drive Rollers (MDR). voltages include 115/1/60, 208/3/60, 230/3/60, 460/3/60 and 575/3/60 along with DC voltages for MDR drive.

Rollers: Standard galvanized roller - 1.90" diameter, 16 ga wall tube with 7/16" hex cold rolled steel axles, spring retained. Standard bearings are ABEC precision, grease packed. Rollers include Poly-V sleeves for (4) rib belts.

Roller Covers: Optional roller covers include polyurethane roller sleeves, Ultrex accumulation sleeves.

Support Centers: Standard supports are heavy duty floor supports on 10' centers. Optional 4" formed channel with jack bolt adjustment.

Frame Finish: Standard finish is OSHA safety blue powder. Optional colors include green, beige, gray, orange, black and yellow.

About LEWCO:

Located in Sandusky, Ohio, LEWCO is a world-class manufacturer Unit Handling Conveyors. LEWCO's product line is very diverse and serves a wide range of industries. Offering both "standard" conveyor systems and custom-designed networks of belts and rollers that vary by width, length, carrying capacity, speed and color, depending on the customer's needs—**LEWCO is your trusted partner for quality conveyor systems at a competitive price.**

Contact us today at 419-625-4014 to discuss your equipment requirements. Our Application Engineers will assess your situation and recommend a cost-effective solution to meet your unique needs.

