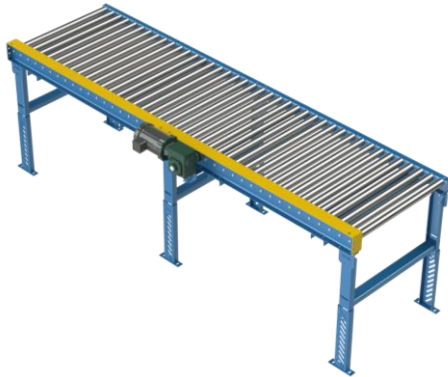




Model: PLV25

Poly-V Belt Driven Roller Conveyor, 2.5" Dia. x 11 ga wall Rollers

Poly-V belt driven roller conveyor provides a positively driven live roller solution for applications with heavy products, including packages, pallets, containers, drums and other unit loads. PLV25 is suitable for loads up to 300 LBS. per foot at high speeds. In addition, it is very quiet, requires no belt lubrication, and is a cost-effective choice for loads not requiring commonly selected chain driven live roller conveyors.

Effective Width

- 6" to 64"

Length

- 36" to 240"

Roller Centers

- 3.5", 4", 4.5", or 6"

Rollers

- 2.50" dia. x 11ga. mild steel tube with 11/16" hex axle, spring retained, with precision, greased packed ABEC bearings. Features a 16-Groove carbon steel sheave which is driven by two 8-Rib belts.
- Optional:
 - Cotter pin retained axle
 - Galvanized roller tube
 - Polyurethane roller sleeve
 - Ultrex accumulation sleeves

Frame Construction

- Formed 8ga. channel, 6" on belt guard side & 4" on opposite side with rollers set 1/4" high (bolted frame)
- Optional:
 - Formed 8ga. channel, 6" on belt guard side & 4" on opposite side with rollers set 1/4" high (bolted frame)
 - Structural channel, 6"x8.2# with rollers set 1-3/4" low
 - Structural channel, 6" x8.2# on belt guard side & 4"x5.4# on opposite side with rollers set 1/4" high

Drive Location

- Standard drive is side mounted near center of the conveyor length. Up to 20 conveyor rollers can be driven from each side of the drive roller. Additional drives are required to extend the conveyor length.
- Optional:
 - Drive mounted low or drive mounted below and within frame, near center.

Motor

- 1/2 HP to 2 HP Totally Enclosed Fan Cooled Inverter Duty motor, 230/460V, 3Ph, 60hz.
- Optional:
 - 24VDC motorized drive roller
 - 24V direct drive brushless DC "pancake" motor

Speed

- 15 to 300 FPM (feet per minute)

Control Options

- Variable Speed Controller
- Combination motor starter with disconnect, fixed speed
- Combination motor starter with disconnect, variable speed
- PLC with HMI
- No controls (provided by others)

Conveyor Color

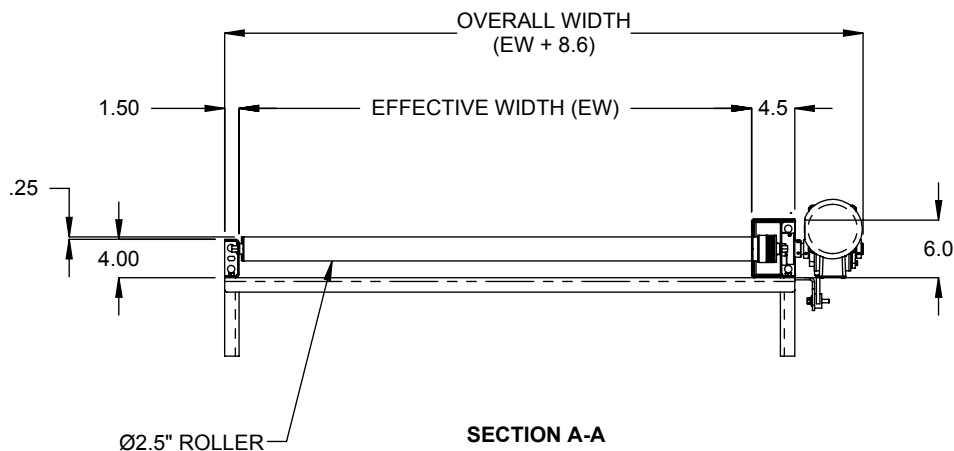
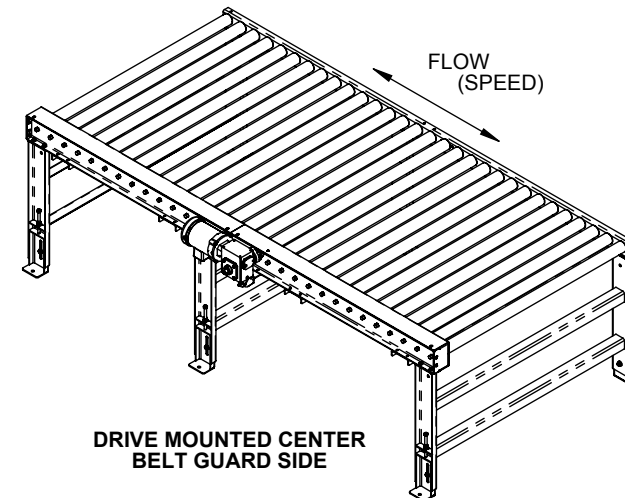
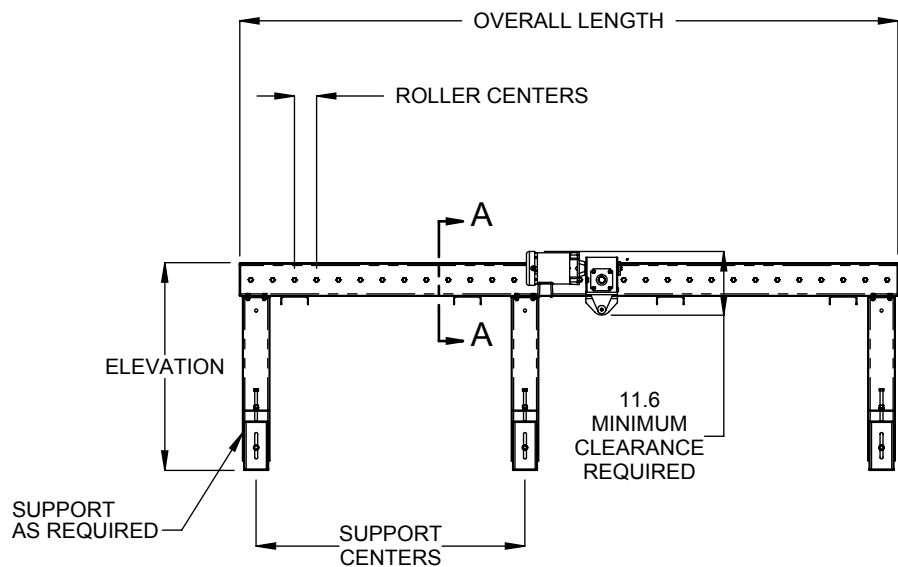
- Blue (RAL 5017)
- Guards are yellow (RAL 1023)
- Moving parts are bright red orange (RAL 2008).
- Optional:
 - Light Gray (RAL 7035)
 - Repose Gray (not an RAL)
 - Patina Green (RAL 6000)
 - Signal White (RAL 9003)
 - Jet Black (RAL 9005)
 - Flat Black (not an RAL)
 - Custom colors available

Additional Options

- Zone Control Cards
- Conveyor Supports
- Guardrail
- Photo Eye Sensor(s)
- Custom sizes and features available. Please consult a LEWCO Applications Engineer for more information.

Quality Assurance

- Each unit comes complete with a (1) year warranty and is tested prior to shipment.
- Manufactured under ISO 9001 Quality Certified System.



SPECIFICATIONS

EFFECTIVE WIDTH: 6" - 60"

BEGINNING ELEVATION: 8" - 120"

LENGTH: 48" - 240"

ENDING ELEVATION: 8" - 120"

SPEED: 20 - 110 FPM

ROLLER CENTERS: 3-1/2", 4", 4-1/2", 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 6" channel on chain box side and 4" channel on opposite side with roller set high in frame. Optional frame options include 6" channel on opposite side with roller set low in frame, or structural 6@8.2# & 4@5.4# with rollers set high, or structural 6@8.2# both sides with roller set low.

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 drives.

ROLLERS: Standard - 2.50" diameter, 11 ga wall tube with 11/16" hex cold rolled steel axles, spring retained. Standard bearings are ABEC precision, grease packed. Rollers include Poly-V sleeves for (8) rib belts.

ROLLER COVERS: Optional galvanized roller covers include polyurethane roller sleeves, Ultrex accumulation sleeves.

SUPPORT CENTERS: Standard supports are 5" formed channel with jack bolt adjustment floor supports on 5' centers.

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

ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

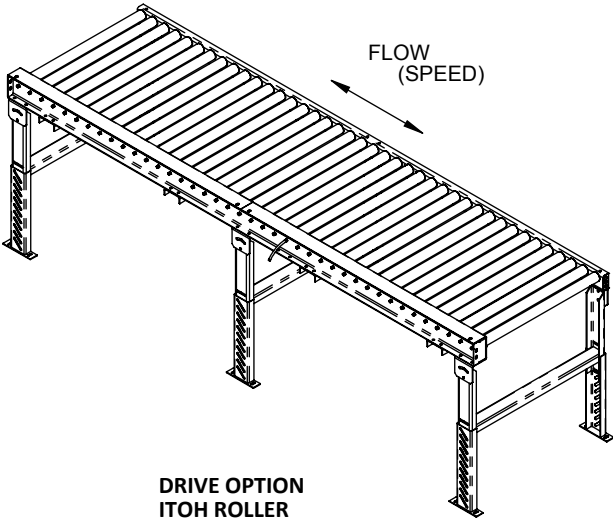
Model: PLV25 - Poly-V Driven Roller Conveyor

REV

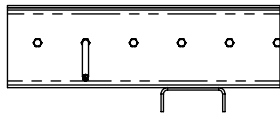
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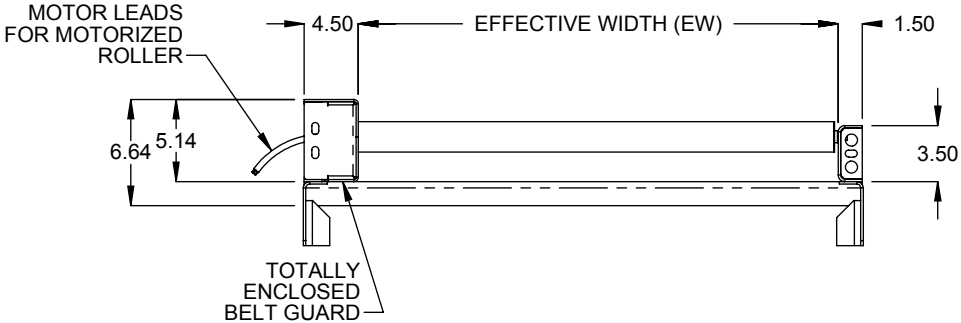
MAXIMUM LOAD PER LINEAR FOOT OF CONVEYOR IS 300 POUNDS -
NOT TO EXCEED 2500 POUNDS TOTAL LIVE LOAD. CONSULT FACTORY
FOR HEAVIER LOADS.



DRIVE OPTION
ITOH ROLLER



DRIVE OPTION
ITOH ROLLER



DRIVE OPTION
ITOH ROLLER

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