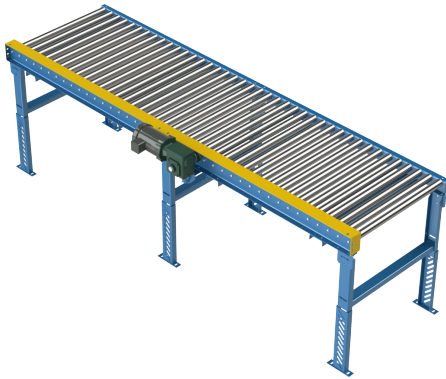




Model: PLV19

Poly-V Belt Driven Roller Conveyor, 1.9" dia.

Poly-V belt driven roller conveyor provides a positively driven live roller conveyor. Because of the positive Poly-V belt and grooved hubs, it's an ideal choice for conveying heavy product which includes heavy packages, pallets, containers, drums and other unit loads. PLV19 is suitable for loads up to 200 lbs. In addition, it is very quiet, capable of higher speeds, and is less expensive than commonly selected chain driven live roller conveyors.

Effective Width

- 6" to 48"

Length

- 36" to 240"

Roller Centers

- 3", 4", or 6"

Rollers

- 1.90" dia. x 16ga. mild steel tube with 7/16" hex axle, spring retained, with precision, greased packed bearings.
- Optional:
 - Galvanized roller tube
 - Polyurethane roller sleeve
 - Ultrex accumulation sleeves

Frame Construction

- Formed 8ga. channel, 5" on drive side & 3-1/2" opposite side with rollers set 1/4" high.
- Optional:
 - Rollers set 1-1/4" low.

Drive Location

- Standard drive is mounted high near center of conveyor length on the side.
- Optional:
 - Drive mounted low or drive mounted below and within frame, near center.

Motor

- 24VDC Motorized Drive Roller (MDR)
- Optional:
 - 24VDC "Pancake" style motor.
 - 1/2 HP to 2 HP Totally Enclosed Fan Cooled Inverter-Duty motor, 230/460/ 3Ph/ 60hz.

Speed

- 15 to 110 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

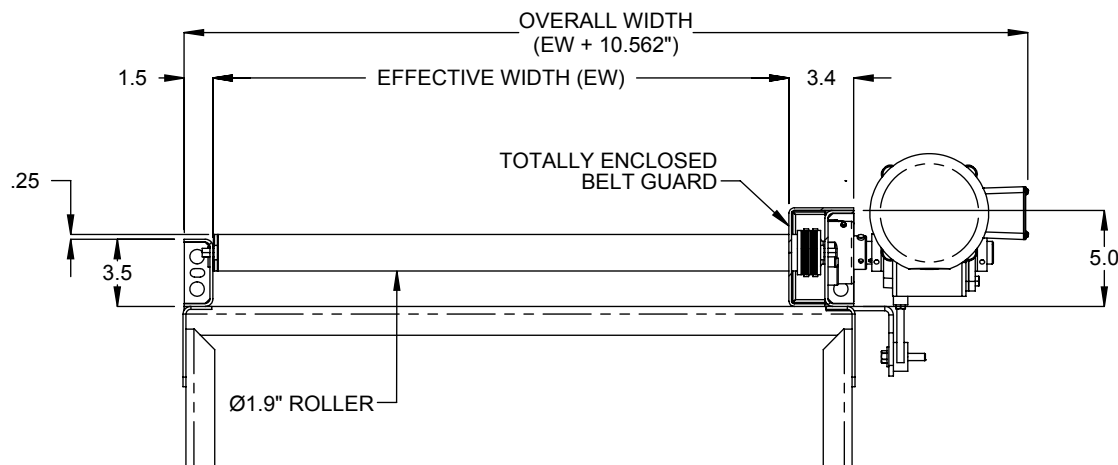
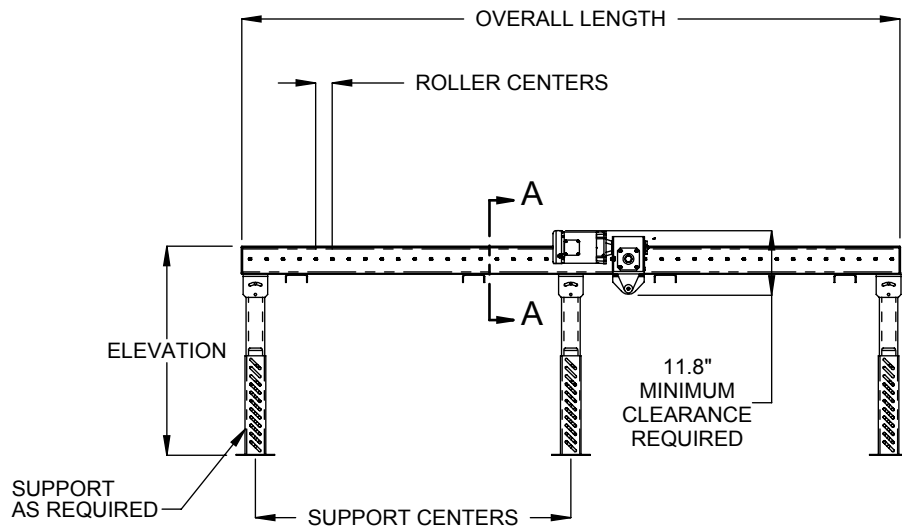
- Blue (RAL 5017)
- Guards are yellow (RAL 1023)
- Moving parts are bright red orange (RAL 2008).
- Optional:
 - Light Gray (RAL 7035)
 - Repose Gray (not an RAL)
 - Patina Green (RAL 6000)
 - Signal White (RAL 9003)
 - Jet Black (RAL 9005)
 - Flat Black (not an RAL)
 - Custom colors available

Additional Options

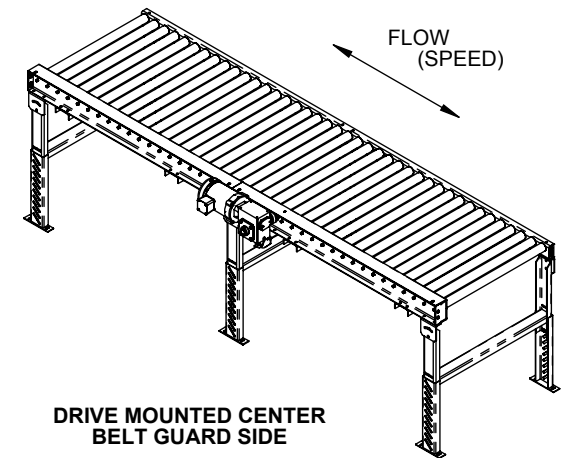
- Zone Control Cards
- Conveyor Supports
- Guardrail
- Photo Eye Sensor(s)
- Custom sizes and features available. Please consult a LEWCO Applications Engineer for more information.

Quality Assurance

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



SECTION A-A



SPECIFICATIONS

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 3-1/2" 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 drives.

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.

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

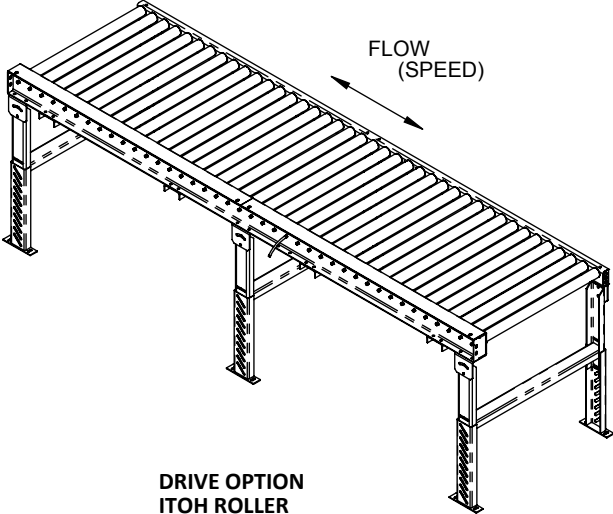
Model: PLV19 - Poly-V Driven Roller Conveyor

REV

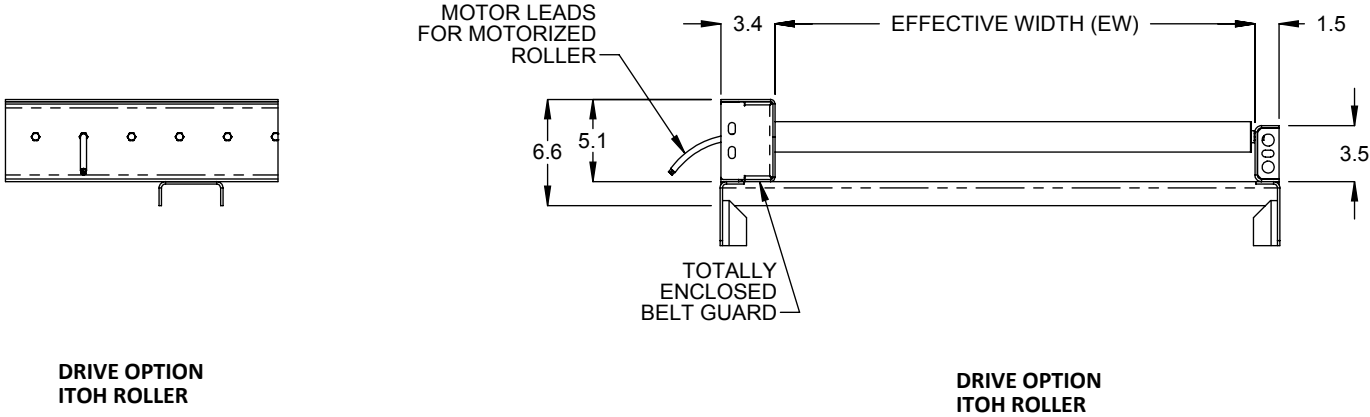
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MAXIMUM LOAD PER LINEAR FOOT OF CONVEYOR IS 200 POUNDS -
NOT TO EXCEED 600 POUNDS TOTAL LIVE LOAD.



DRIVE OPTION
ITOH ROLLER



DRIVE OPTION
ITOH ROLLER

DRIVE OPTION
ITOH ROLLER

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