

# VERSALITE LV Series

## Variable-Speed Portable Conveyor System

The VersaLite LV Series conveyor combines durability, portability and versatility all in one affordable package. This slider-bed belt conveyor is designed to handle light to medium loads (125lb(57Kg) per 16ft(4.9meter) section). The conveyors are either configured as Drive or Slave sections. The slave sections plug into the drive section which is wired with the variable speed control. Up to eight 16ft. slave sections can be connected together and be controlled(on/off, forward/reverse, and speed) by the drive section.



### Features:

- Made from corrosion resistant materials: aluminum frame, stainless steel pulleys and UHMW plastic slider bed.
- NEMA 4 watertight electrical enclosures and connections.
- One Drive conveyor section can control up to 8 slave conveyor sections (147 feet total)
- Low cost per linear foot of conveyor.
- Can be set-up and taken-down quickly
- Can be angled up to 20 degrees up or down at each connection
- Small diameter (1.25") pulleys allow for easy transfer of small items from one conveyor section to another.
- One year Limited Warranty

### Specifications:

- Input Voltage: 120VAC
- Variable-speed, reversing DC motor control
- Motor: Leeson Gearmotor 1/17HP 90VDC
- Load Capacity(per 16'conveyor): 125lb (57Kg)
- Bed Type: UHMW slider bed
- Belt Width: 10"(25cm)
- Maximum Belt Speed: 50 feet per minute(15.2 m/min)
- Standard lengths: 8'4" (2.54m) and 16'4" (4.98m)
- Weight
  - Per 8 foot section: 55 lbs. (25Kg)
  - Per 16 foot section: 75 lbs. (34Kg)

Made In



The USA

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Manufacturing**

"Quality Manufacturing Since 1972"

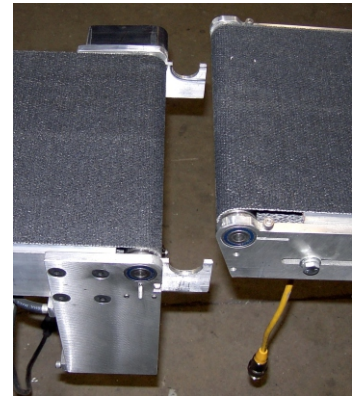
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## How It Works

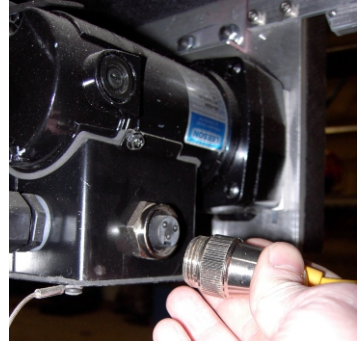
There are two different classes of conveyor: drive and slave. The drive conveyor is a complete conveyor by itself. It has its own motor and control and can be used as a stand-alone unit. The slave conveyor has its own motor but has no controller. It must be connected electrically to a drive conveyor in order to run. Up to 8 slave sections may be controlled by a drive for a total of 147'. (when using 16'4" sections)

Available in 16'4" and 8'4" sections standard (custom sizes are available). The VersaLite LV Series is built to handle high moisture environments, so it can be used in the Greenhouse or even outdoors. All electrical connections are NEMA 4 rated waterproof sealed. The conveyor is built almost exclusively from corrosion-resistant materials. The conveyor frame is aluminum. The end pulleys and bearings are stainless steel (hardened steel bearings are available as an option). The slider bed is made of UHMW polyethylene. The only steel on the conveyor is in the fasteners.

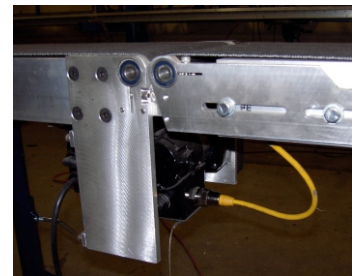
The VersaLite LV Series is easy to setup and move. First, set up your stands. (Two stands are required for each section.) Second, set your drive conveyor at one end of your run. Third, set your slave sections on your stands while placing the tail end (the end opposite the motor) of each conveyor into the cradle bracket of the previous conveyor. (picture A) Fourth, using the quick connect DC connectors. (picture B) plug in the first slave to the drive, and plug in each slave after that to the previous slave. Finally, plug in your drive to 120VAC, switch



A. Conveyor Sections drop into brackets to maintain proper spacing.



B. Quick-connectors connect slave units to the master control.



C. Connected conveyor Sections

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